



Caster Catalog Collection

Innovative **SOLUTIONS** from
the brands you know and trust!



ALBION



colson

shepherd
caster corporation



MedCaster



PEMCO



| Colson Group Brand | Action | Removed | Replace With |
|--------------------------------------|-----------------------|-----------------------------------|-----------------------------------|
| | Removed Series | Institutional 3" to 5" Diameter | PEMCO A-Line |
| | | Institutional 6" Diameter | Colson 2 Series 6" |
| | | Starlet Series | Planet (closest) |
| | | Satellite Series | Planet (closest) |
| | | Cosmo Series | Saturn (closest) |
| | | Nova Series | Saturn (closest) |
| | Removed Colors | Satin Chrome - decorative casters | Not Applicable, high MOQ required |
| | | Brass plate - Pacer | |
| | | Satin Chrome - Pacer | |
| | ALBION | Removed Series | 02 |
| E5 | | | PEMCO E-Line Stainless |
| 68 | | | Albion 38 Series |
| 05 | | | Defender |
| 41 | | | Albion 42 |
| 216 | | | 115 (Closest) |
| 263 | | | Not Applicable |
| 281 | | | Not Applicable |
| 290 | | | Albion 415 Series |
| 295 | | | Albion 615 Series |
| Bassick Honcho | | | Not Applicable |
| Jarvis Air Cargo | | | Albion 03 |
| Re-moved, but still available | | DC | DC |
| | | P2 | P2 |
| | | 04 | 04 |
| | | 63 | 63 |
| | | 92 | 92 |
| | | 292 | 292 |
| | | 93 | 93 |
| 293 | 293 | | |

| Colson Group Brand | Action | Removed | Replace With | |
|--------------------|--|-----------------------|--------------------------------|----------------------|
| | Removed Series | Enforcer 4 & 6 | Albion 110 | |
| | | Enforcer 7 & 8 | Albion 310 | |
| | | 4 Series SS | Defender D4 | |
| | | 4 Series Encore | 4 Series or Pemco E-line | |
| | | 4 Series Encore SS | Pemco E-Line SS | |
| | Removed Wheels | Commander | Albion NX | |
| | | Conquest | CG-Max | |
| | | Triumph | CG-Max | |
| | | Forged Steel | Albion FS | |
| | Removed 2.5" - 3" Wide Tread Wheels | Mold on Rubber | Albion MR | |
| | | Mold on Polyurethane | Albion PY | |
| | | Phenolic | Albion TM | |
| | | Cast Iron | Albion CI | |
| | | V-Groove | Albion VG/VL | |
| | | TW | Shepherd PUT | |
| | | GT | Shepherd PSF | |
| | | Removed Series | DL | Not Applicable |
| | | | SL | MedCaster BBTEK / DT |
| | | | Optimus | MedCaster Avant 75mm |
| CH | | | MedCaster FX Chrome | |
| CX | | | MedCaster FX Chrome | |
| CP | | | Not Applicable | |
| SS (2" Wide) | | | Defender D4 | |
| Original SX | | | MedCaster SX Gen 2 | |
| AC | | | MedCaster SX Gen 2 | |
| MP - Marquee | | | MedCaster Avant | |
| PG | | | MedCaster Avant | |
| PT | | | MedCaster TT & CT | |
| MU | | | MedCaster TT & CT | |
| PC | | | MedCaster 390 Series (Rhombus) | |
| PP | | | MedCaster 391 Series (Rhombus) | |
| PL | | | MedCaster TT & CT | |
| MB | | | MedCaster 390 & 391 (Rhombus) | |
| 389 | | | Not Applicable | |
| 399 | | | Available from Colson EU | |
| 367 | | | MedCaster FX Chrome | |



ALBION



COLSON



SHEPHERD



MEDCASTER



PEMCO



EVERYTHING



Visit www.colsongroupusa.com to discover how easy it is to choose the right caster for your specific application.

The screenshot shows the Colson Group website homepage. At the top left is the Colson Group logo with the tagline "ROLLING AT THE SPEED OF LIFE". To the right are links for "LOGIN", "REGISTER", and "QUOTE CART". Below the logo is a navigation menu with categories: "INDUSTRIES", "CASTER SOLUTIONS", "CASTERS BY CAPACITY", "WHEELS", "CAPABILITIES", "RESOURCES", and "CONTACT COLSON". A search bar is located to the right of the navigation menu. The main banner features a large image of a factory floor with the text "THE GLOBAL LEADER IN CASTER AND WHEEL SOLUTIONS" and a smaller image of a "MADE IN USA" caster. Below the banner is a "QUICK SEARCH BY INDUSTRY SOLUTIONS" section with two tabs: "CASTERS" and "WHEELS". A grid of 16 industry icons is displayed, each with a corresponding label: Aerospace, Air Cargo, Automotive, Data Centers, Food Service, Furniture, Health/Medical, Horticulture & Gardens, Hospitality, Institutional, Laundry, Marine, Retail Environment, Robotics, Tool Storage, and Warehousing & Distribution. At the bottom of the grid is a red button labeled "SEARCH INDUSTRY PRODUCTS".



To find all Colson Group literature at one convenient location visit www.castercatalogs.com

Innovative caster solutions from the brands you know and trust! www.colsongroupusa.com • 800-253-0868



ALBION[®]

the caster experts

// www.AlbionCasters.com

CATALOG 2024

INDUSTRIAL **HEAVY-DUTY** CASTERS



U.S. ENGINEERING & MANUFACTURING // ERGONOMIC & SAFETY EXPERTS // INDUSTRY LEADING SELECTION

Download
3D CAD Models!

See Back Cover



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the caster experts

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- Aerospace & Defense • Automotive • Food & Beverage
- Material Handling • Transportation • Packaging
- Pharmaceutical & Chemical • Institutional Equipment
- Marine • Agricultural • Warehouse & Distribution

HEAVY-DUTY & MATERIAL HANDLING EXPERTS

For over 75 years, Albion has remained dedicated to solving industrial mobility challenges for customers around the world. Leveraging our industry proven experience and manufacturing technology – Albion offers the most complete lineup of industrial caster and wheel products, coupled with cutting-edge design capabilities to solve even the toughest application challenges. Contact us today to start a conversation and let us help specify the right caster for your specific application and performance requirements.

YOUR SOURCE FOR TRUSTED INDUSTRIAL CASTERS AND WHEELS

■ ERGONOMIC EXCELLENCE

Albion is committed to making you more efficient and safer by easing the load of moving equipment throughout your facility. Long before ergonomics was popular, we were developing casters and wheels to reduce push/pull force and ease maneuverability.



See more on page 14.

■ POLYURETHANE EXPERTS

Polyurethane tread wheels provide durable mobility capable of rejecting floor debris, enhancing ergonomics, protecting floors, and even absorbing shock. Albion offers the most expansive lineup of polyurethane wheels, available in a wide array of durometers, face types, colors and thicknesses.



See more on page 15.

■ CUSTOM SOLUTIONS



Albion has the engineering expertise and technology to bring your custom mobility needs to life on-time and on-budget.

See more on page 16-17.



With our proven design and manufacturing experience, we guarantee select Albion casters with up to a three (3) year warranty from date of purchase; look for the 3 year warranty icon throughout the catalog. All other Albion brand casters feature a (1) year warranty from date of purchase.

Visit albioncasters.com/warranty for official warranty details.

■ CATALOG TOOLBOX

Look for these helpful icons located throughout the catalog designating key features and application benefits.



USA Made
If you want quality and pride associated with USA manufactured products, look for this symbol.



Premium Quality
The best Albion has to offer. Enough Said!



Heat Resistant
Product is rated for high temperatures. Please note: for intermittent temperatures always consult factory.



Maintenance Free
Bearing does not require regular greasing to perform to standard.



Environmentally Friendly
Complies with RoHS regulations as set forth by the European Union. Please work with your Sales representative for compliance requirements on a part specific basis.



Quiet
Designed to be quieter compared to conventional designs



Stainless Steel
Constructed of stainless steel to withstand the most abusive conditions—steam cleaning, wash downs, solvents, chemicals and acids.



Economical
For budget driven projects. Albion offers good, better, best throughout our offering!



Ergonomic
Exceptional rollability, manual pushing requires little effort.



Towing
Rig specifically designed for towing applications; consult factory before ordering to ensure wheel and bearing are properly specified for all power towed applications. (Towing recommendation based on average speed of 3-5mph; consult factory for higher speeds.)

A LEADING BRAND OF



THE GLOBAL LEADER IN CASTERS AND WHEELS

- The **industry leader** and **most complete product** offering in the world
- The **highest value** for your caster dollar
- **One-stop shopping** for nearly any application and budget
- The **most experienced** engineering, sales, manufacturing, and quality teams
- **Local service worldwide**, ready for any business need

MANUFACTURING



With advanced manufacturing and distribution facilities located around the world, we continuously invest in our proprietary supply chain and leading portfolio of USA Made casters to provide the best value to our customers.

ENGINEERING



Utilizing the latest in available technologies, Colson Group USA's global design and engineering teams ensure every detail in product performance, materials, and aesthetics are delivered to meet and exceed industry and customer expectations.

SERVICE



Delivering truly one-stop shopping, our experienced inside and outside support teams help customers identify the right caster from our leading product portfolio to ensure your expectations and business requirements are met on every order.

QUALITY



As an active ICWM member, we help define industry testing standards (ANSI ICWM: 2012). Leading test labs and global quality systems confirm our casters meet stringent quality standards, allowing up to a 3-year standard warranty on select series.



Download 3D CAD Models and Datasheets!

- **Quickly configure** models
- Download **native CAD formats**
- Download **datasheets**
- **Easily share** with your team

Online: AlbionCasters.com/CAD
App: Search "Caster CAD 3D"



QUICK-START PRODUCT CATEGORIES

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HEAVY DUTY KINGPINLESS & KINGPIN
(up to 20,000 lbs.)

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STAINLESS STEEL
(up to 3,000 lbs.)

PAGES
40-43



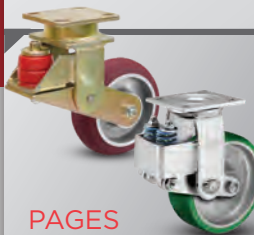
2" WIDE MEDIUM HEAVY DUTY
(up to 2,000 lbs.)

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DUAL WHEELS
(up to 30,000 lbs.)

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SPRING LOADED
(up to 3,000 lbs.)

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PNEUMATIC
(up to 7,260 lbs.)

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95-99

Maintenance Free

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38 SERIES ERGONOMIC PRECISION CASTERS

Tread Width: 2"
Capacity: Up to 2500 lbs.

Wheel Diameters: 6", 8", 10"
Brake: Face, Swivel Lock

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28 SERIES ERGONOMIC PRECISION CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 6", 8"
Brake: Face, Swivel Lock

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18 SERIES ERGONOMIC PRECISION CASTERS

Tread Width: 2"
Capacity: Up to 1250 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Face, Swivel Lock

Heavy Duty Kingpinless

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610 SERIES CASTERS

Tread Width: 3", 4"
Capacity: Up to 9500 lbs.

Wheel Diameters: 6", 8", 10", 12", 14"
Brake: Poly Cam, PLB, Swivel Lock

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410 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 5400 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

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310 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 4100 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

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110 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, PLB, Face, Poly Cam, Swivel Lock

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470 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 3500 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Face, Swivel Lock

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370 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 3000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Face, Swivel Lock

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170 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, Face, Swivel Lock

Stainless Steel Heavy Duty Kingpinless

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330 SERIES KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 3000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, Swivel Lock

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120 SERIES KINGPINLESS CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Face, Swivel Lock

Heavy Duty Forged Kingpinless

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800 SHOCKMASTER SERIES CASTERS

Tread Width: 3", 4", 5", 6"
Capacity: Up to 20000 lbs.

Wheel Diameters: 6", 10", 12", 16, 18"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

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700 SHOCKMASTER SERIES CASTERS

Tread Width: 4", 5", 6"
Capacity: Up to 20000 lbs.

Wheel Diameters: 8", 10", 12", 16"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

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600 SHOCKMASTER SERIES CASTERS

Tread Width: 3", 4"
Capacity: Up to 10000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

Heavy Duty Kingpin

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95 SERIES (BBL/TRL) CASTERS

Tread Width: 3", 4", 5", 6"
Capacity: Up to 17000 lbs.

Wheel Diameters: 6", 8", 10", 12", 16"
Brake: Poly Cam, Face Contact, Swivel Lock

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94 SERIES (BBL/TRL) CASTERS

Tread Width: 3", 4"
Capacity: Up to 10000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, Face Contact, Swivel Lock

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90 SERIES CASTERS

Tread Width: 3", 4"
Capacity: Up to 3500 lbs.

Wheel Diameters: 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Swivel Lock

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81 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.

Wheel Diameters: 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Face Contact, Swivel Lock

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72 SERIES CASTERS

Tread Width: 2", 2-1/2"
Capacity: Up to 1600 lbs.

Wheel Diameters: 4", 5", 6", 8", 10"
Brake: Cam, Face, Poly Cam, Swivel Lock

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71 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Cam, Face, Poly Cam, Swivel Lock

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62 SERIES CASTERS

Tread Width: 2", 2-1/2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 4", 5", 6", 8", 10"
Brake: Face, Cam, Poly Cam, Swivel Lock

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68-70



16 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1250 lbs.

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Total Lock, Cam, Face, Swivel Lock

Heavy Duty Kingpinless Dual

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615 SERIES KINGPINLESS CASTERS

Tread Width: 3", 4", 5"
Capacity: Up to 9500 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Poly Cam, Swivel Lock, Toe Guard

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415 SERIES KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 5400 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Poly Cam, Swivel Lock, Toe Guard

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315 SERIES KINGPINLESS CASTERS

Tread Width: 2", 3"
Capacity: Up to 4100 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Poly Cam, Toe Guard, Swivel Lock

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115 SERIES KINGPINLESS CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: PLB Integrated, Poly Cam, Toe Guard, Swivel Lock

Heavy Duty Forged Kingpinless Dual

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850 SERIES KINGPINLESS CASTERS

Tread Width: 3", 4", 5", 6", 9"
Capacity: Up to 30000 lbs.

Wheel Diameters: 6", 10", 12", 16", 18"
Brake: Face Contact, Swivel Lock

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750 SERIES KINGPINLESS CASTERS

Tread Width: 4", 5"
Capacity: Up to 20000 lbs.

Wheel Diameters: 8", 10", 12"
Brake: Poly Cam, Face Contact, Swivel Lock

Heavy Duty Kingpin Dual

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298 SERIES AVIATION GROUND EQUIPMENT CASTERS

Tread Width: 4-1/2", 6", 9"
Capacity: Up to 20000 lbs.

Wheel Diameters: 12", 16-1/4", 18"
Brake: Face Contact, Swivel Lock

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295 SERIES KINGPIN CASTERS

Tread Width: 3", 4", 5"
Capacity: Up to 17000 lbs.
2000

Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam

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290 SERIES KINGPIN CASTERS

Tread Width: 2-1/2"
Capacity: Up to 3500 lbs.

Wheel Diameters: 6", 8", 10"
Brake: Poly Cam

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281 SERIES KINGPIN CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.

Wheel Diameters: 4", 5", 6", 8"
Brake: Poly Cam

Kingpinless Spring Loaded

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S610 SERIES SPRING LOADED KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Consult Factory

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S410 SERIES SPRING LOADED KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Consult Factory

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S310 SERIES SPRING LOADED KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Consult Factory

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141 SERIES KINGPINLESS POLY SPRING CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.

Wheel Diameters: 5", 6", 8"
Brake: Tread brake on 6" and 8" only

Kingpin Spring Loaded

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44 SERIES XTRA HEAVY DUTY SPRING-LOADED KINGPIN CASTERS

Tread Width: 3"
Capacity: Up to 1500 lbs.

Wheel Diameters: 10", 12"
Brake: Consult Factory

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42 SERIES HEAVY DUTY KINGPIN CASTERS

Tread Width: 2-1/2"
Capacity: Up to 800 lbs.

Wheel Diameters: 8", 10"
Brake: Consult Factory

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93-94



40 SERIES MEDIUM DUTY KINGPIN CASTERS

Tread Width: 2"
Capacity: Up to 500 lbs.

Wheel Diameters: 5", 6", 8"
Brake: Consult Factory

Semi-Pneumatic

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110/72/16 SEMI-PNEUMATIC SERIES CASTERS

Tread Width: 1-1/2", 2", 2-1/2", 3"
Capacity: Up to 600 lbs.

Wheel Diameters: 6", 8", 10", 12"
Brake: Face Contact, Swivel Lock

Pneumatic

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95 SERIES PNEUMATIC CASTERS

Tread Width: 6.5", 6.9", 7.5"
Capacity: Up to 3633 lbs.

Wheel Diameters: 21", 23", 25"
Brake: Face Contact, Swivel Lock

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90/72/110/16 PNEUMATIC SERIES CASTERS

Tread Width: 2", 2.5", 2.8", 4.1", 4.8", 5.3", 5.7"
Capacity: Up to 1170 lbs.

Wheel Diameters: 8", 10", 12", 14", 16", 18"
Brake: Face Contact, Swivel Lock

Pneumatic Dual

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295/290/272 SERIES PNEUMATIC CANTILEVER-STYLE CASTERS

Tread Width: 2.80", 4.10", 4.8", 5.3", 5.7", 6.5", 6.9", 7.5"
Capacity: Up to 7260 lbs.

Wheel Diameters: 8", 10", 12", 14", 16", 18", 21", 23", 25"
Brake: Face Contact, Swivel Lock

EZ Ride Pneumatic & Never-Flat

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PNU, NPF, 16, W81, 110, 72, 90, 272, 290, REPLACEMENT WHEELS

Tread Width: 2" to 5.7"
Capacity: Up to 2340 lbs.

Wheel Diameters: 6" 8", 10", 12", 14", 16", 18"
Brake: Face Contact, Tread Brake, Side Brake Swivel Lock

Aviation Industry/Ground Support Equipment (GSE)

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03 SERIES AIR CARGO/CONVEYOR CASTERS

Tread Width: 1-3/8"
Capacity: Up to 450 lbs.

Wheel Diameters: 2-1/4"
Brake: Not Applicable

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HEAVY DUTY AIR CARGO/CONVEYOR CASTERS

Tread Width: 1-3/8"
Capacity: Up to 375 lbs.

Wheel Diameters: 2-3/4"
Brake: Not Applicable

Caster Accessories

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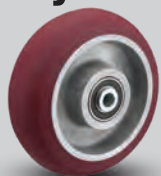
ACCESSORIES AND REPLACEMENT PARTS

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CG-MAX Polyurethane on Aluminum 85A
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Polyurethane on Iron Core*
PY, PH
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*PY, PH and PX available in multiple durometers.



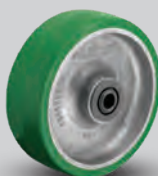
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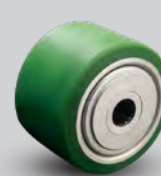
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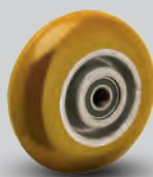
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Mini Polyurethane Press-On Tire
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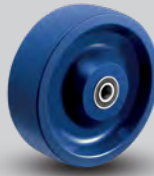
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Hi-Tech Antimicrobial Polyurethane on Polypropylene
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Hi-Tech Polyurethane on Polypropylene (Maroon)
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Polyurethane V-Groove
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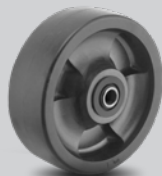
Nylon Tread >>>



Trionix™
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Trionix™ V-Groove
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Heavy Duty Glass Filled
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High Heat Glass Filled
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Maxim®
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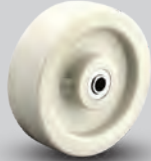
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Polypropylene Tread >>>



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**RETORT Polypropylene
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**Polypropylene
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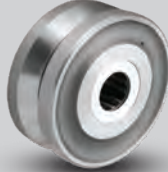


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Metal Tread >>>



**Drop Forged Steel
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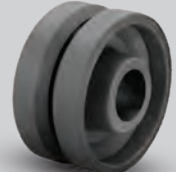
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Flat Tread
XS**
Page 147



**Monoprene
Semi-Pneumatic
SZ, SV** Page 148



**Full Pneumatic
SF, SG**
Page 149



**Hand Truck Wheel
SO**
Page 150

Phenolic Tread >>>



**Phenolic
TM**
Page 152



**Hi-Temp Phenolic
TR**
Page 153



**Laminated Phenolic
TL**
Page 154



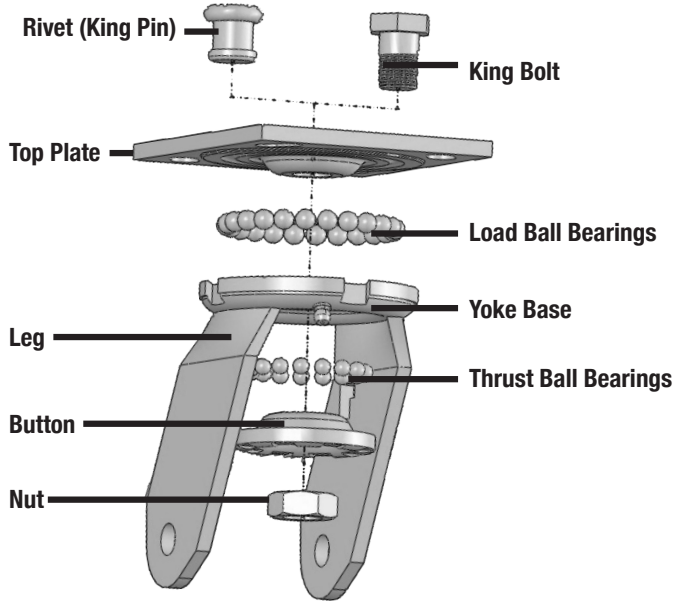
**Phenolic
Straight Sided
TH, TS**
Page 155

CASTER COMPONENTS

KINGPIN RIG

CONVENTIONAL CONSTRUCTION

• UP TO 2,000 LB. CAPACITY

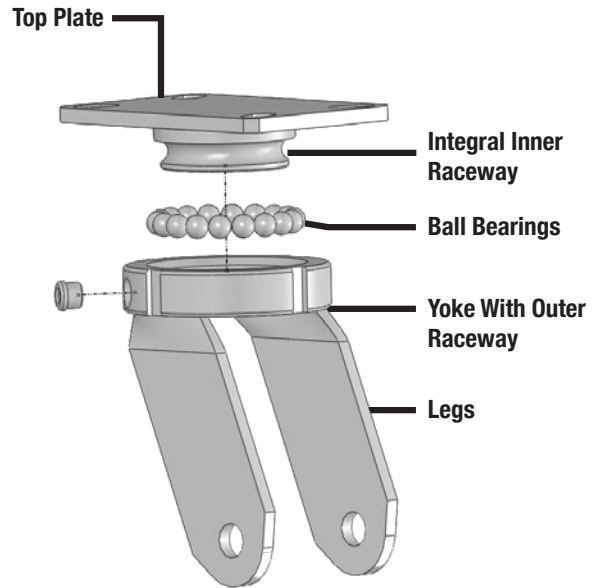


KINGPINLESS RIG



BETTER ERGONOMICS, BEST FOR SHOCK AND IMPACT

• UP TO 20,000 LBS. CAPACITY

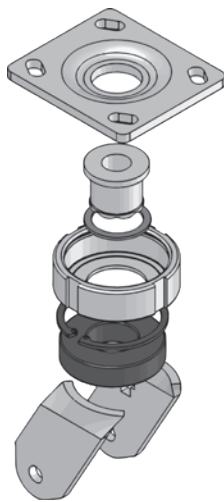


MAINTENANCE FREE SWIVEL SECTION

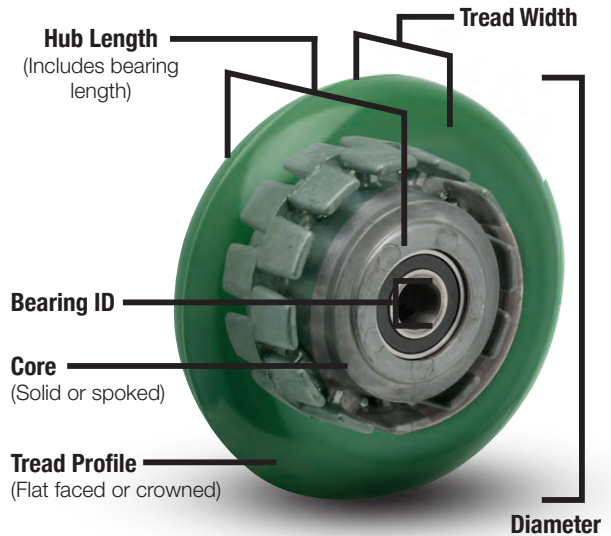


SEALED PRECISION SWIVEL BEARING PROVIDES EXCELLENT ERGONOMICS WITH NO MAINTENANCE

• UP TO 2,000 LBS. CAPACITY



WHEEL



ALBION[®]
the caster experts

Need help determining the right solution for your application?

Let us help! Connect with us online at www.albioncasters.com or call us at 800-835-8911.

Rig SELECTION GUIDE

The right rig can make a big difference in the life and ergonomics of your caster.

Maintenance Free



Pages:
19-23

- » 350 – 2,500 lbs capacity
- » Designed for ergonomics and light to medium duty towing. Smooth, easy, and quiet mobility.

Heavy Duty Kingpinless

LONGER LASTING THAN CONVENTIONAL CASTERS



Pages:
24-33

- » 300 – 20,000 lbs capacity
- » Best for rugged applications where impact, shock, or regular swiveling is present
- » Eliminates kingpin failures

Kingpin

MEDIUM HEAVY DUTY KINGPIN

HEAVY DUTY KINGPIN



Pages:
66-74

- » 140 – 2,000 lbs capacity
- » Conventional caster construction
- » Variety of raceway designs to support performance and load requirements



Pages:
56-65

- » 700 – 17,000 lbs capacity

Stainless Steel



Pages:
34-37

- » 200 – 3,000 lbs capacity
- » Well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust

Spring Loaded



Pages:
88-98

- » 500 – 3,000 lbs capacity
- » Protects cargo and equipment from shocks and unwanted vibration

Dual Wheels



Pages:
75-87

- » 280 – 30,000 lbs capacity
- » Can help you increase your capacity and floor protection, while also providing easier turning

SELECTION GUIDE

Wheel Material

Selecting the right wheel can make a big difference in the performance and life of your caster. To determine what material would work best for your application, please review the below material descriptions and features — or connect with us at www.albioncasters.com or 800-835-8911 for specification assistance.

Polyurethane capacities up to 10,900 lbs



Description:

Albion's polyurethane wheels are uniquely formulated and open cast or injection molded to clean, close tolerance cores. Each unique formula is designed for specific mobility benefits, including: ergonomics, shock absorption, noise reduction, debris rejection, and overall durability.

Features:

- » Non-marking, floor protective
- » Resists chemicals and oils
- » Excellent capacity, wear resistance, and strength
- » Quieter and more shock absorbing than metal wheels
- » Designated wheels are towable
- » Various durometers, thicknesses, tread profiles and colors available

Rubber capacities up to 3,630 lbs



Description:

Rubber wheels provide exceptional floor protection, shock absorption, and our more advanced formulas even reject metal shavings and debris (Performa, SZ/SV). Various options can be found throughout our rubber wheel offering, including: non-marking formulas, no-maintenance/semi/fully pneumatic wheels, and a variety of durometers and color choices.

Features:

- » Floor protection
- » Quiet mobility
- » Cost effective
- » Shock absorption
- » Indoor/outdoor use (pneumatic family)

Metal capacities up to 20,000 lbs



Description:

Metal wheels offer the highest capacity, temperature resistance, and strength for your most abusive indoor/outdoor applications and floor conditions. Albion offers a range of materials to best suit your application, including: cast iron, ductile, and drop forged steel options.

Features:

- » Highest load capacities
- » Handles the most abuse
- » Impact resistant
- » Resistant to hot and cold temperatures

Phenolic capacities up to 8,000 lbs



Description:

Phenolic wheels are constructed of heavy macerated materials impregnated with phenolic resins – and then molded under high heat and pressure to produce a quality, but economical industrial wheel.

Features:

- » High load capacities
- » Resistant to chemicals and oils
- » Impact resistant
- » Economical
- » High-temp options

Nylon & Glass Filled capacities up to 7,200 lbs



Description:

Offering high load capacities and greater floor protection than conventional metal or phenolic wheels, our range of Nylon and Glass-Filled wheels are a perfect fit for helping reduce wheel noise or in clean applications requiring frequent wash downs.

Features:

- » High load capacities
- » Impact resistant
- » Corrosion resistant
- » Resistant to chemicals and oils
- » High-temp options

Polypropylene capacities up to 1,000 lbs



Description:

Injection molded from a blend of thermoplastic polymers, Polypropylene wheels are our most economical and lightest wheel option with comparable load ratings to hard rubber wheels.

Features:

- » Most economical
- » Resistant to chemicals and oils
- » Lightweight
- » High-temp options

Wheel Bearing SELECTION GUIDE

Wheel Bearing

To understand how bearing codes are represented in part numbers, please visit [page 18](#).

Roller



Roller bearings are the standard bearing in most caster applications. 1-1/2 and 2 inch width wheels feature a cage separating hardened steel rollers and a hardened steel split outer race. These bearings must be used on a hardened bushing or shaft. Maximum temperature range is 350°F. All Casters and wheels are rated up to 2.5 mph operation per the Institute of Caster & Wheel Manufacturers Guidelines.

BEARING CODE:
01, 05, 07

Precision Sealed Ball



Completely sealed, these precision ground ball bearings are held in a metal spacer ring between two hardened raceways. This bearing never needs to be lubricated, and with the lowest rolling resistance of all bearings it provides the most ergonomic situation available. Maximum temperature range is 250°F.

BEARING CODE:
28

Drawn Cup Roller



These are roller bearings as described above except they have metal cages holding the precision ground rollers. The outer race is a one-piece construction, giving added rigidity to the wheel bore. These bearings must be used on a hardened bushing or shaft. Maximum temperature range is 400°F.

BEARING CODE:
02

Pedestal Precision Ball



These sealed precision ball bearings include an integral spanner which eliminates need for separate spanner. Maximum temperature range is 250°F.

BEARING CODE:
29

Precision Tapered Roller



The tapered roller is the most effective bearing for heavy or towed loads. The taper allows for some thrust loading, while the heat-treated inner and outer race allow for maximum load capacity. Maximum temperature range is 400°F.

BEARING CODE:
09

Annular Ball



A precision type bearing where the machined outer race and inner race are held together by the bearings. This option offers easy rolling and quiet operation for light to medium duty loads. This bearing must be factory installed in the wheel. Designed for temperatures up to 160°F.

BEARING CODE:
31

Bronze



Excellent for wash-down or steam cleaning applications. Bronze bearings are designed for temperatures up to 525°F.

BEARING CODE:
22

Plain Bore



In this option, no bearing material is used. The wheel runs directly on the axle or spanner bushing. This is the least expensive bearing option, but also results in a higher rolling resistance.

BEARING CODE:
41

Oilex



These bearings are made of oil-impregnated sintered iron. Completely self-lubricating, these are ideal for situations where rolling force is less critical and accessibility for lubrication is difficult. Maximum temperature range is 450°F.

BEARING CODE:
23

Two Piece Delrin



A DuPont™ engineered material, Delrin is designed for use in situations in which a self-lubricating material is optimal and corrosion cannot be tolerated. Ideal for wash-down or steam-cleaning applications as well as total immersion. Maximum temperature range is 160°F.

BEARING CODE:
51

Radial Ball (Industrial Ball)



Shielded ball bearings are often referred to as "industrial grade" bearings. Pressed into the hub of lower capacity wheels, these low cost bearings decrease the effort required to move a load. Maximum temperature range is 250°F.

BEARING CODE:
27

One Piece Delrin



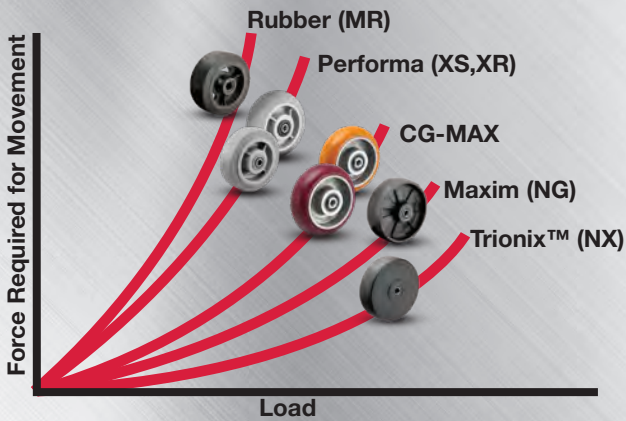
This is a one-piece version of the Delrin bearing listed above. Good for use where thrust washers are needed or to add rigidity to a soft wheel which might cause the two piece bearing to be ejected from the bore of the wheel. Maximum temperature range is 160°F.

BEARING CODE:
52

ERGONOMOMIC EXPERTS



The **right rig, wheel and bearing** can have a **BIG IMPACT** on your business and employees!



Leading the way in Albion's efforts toward ergonomic excellence are our maintenance free **18 Series** (pages 52-53) and **28/38 series** (pages 21-22), along with a variety of other rig and wheel combinations throughout our **Heavy Duty Kingpinless** lineup (pages 24-33). Our maintenance free casters reduce the effort needed to bring a caster in line by **over 30%** in contrast to conventional dual ball raceway kingpin casters – plus they **reduced noise by 15%!**

For more than 75 years Albion has been committed to easing the load of moving products through your facility. Long before ergonomics was popular, we were developing casters and wheels to reduce fatigue, reduce repetitive motion and improve productivity.

We have accelerated efforts to develop casters that ease the effort needed to start a cart in motion or swivel while in operation. Also, we explore the latest materials technologies to deliver wheels that offer the best performance and the best ergonomic qualities.

WORKPLACE SAFETY & COST SAVINGS

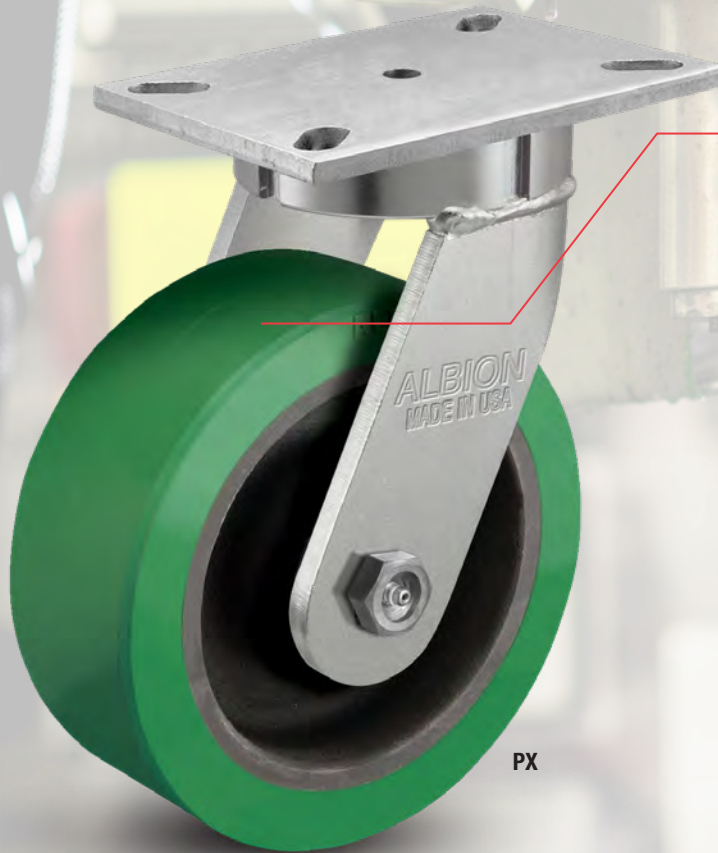
- ◆ PUSH/PULL EASIER
- ◆ TURN EASIER
- ◆ REDUCE NOISE
- ◆ BOOST EFFICIENCY



LET US HELP

improve your employee satisfaction and bottom line through our ergonomic experience today! Connect with us **online at www.albioncasters.com** or **call 800-835-8911**.

POLYURETHANE EXPERTS



- Strong tread bond for long life
- Close tolerance cores for precise manufacturing and quality control
- Superior material blends for the highest quality treads



ALBION
the caster experts

- ▼ Albion offers an expansive range of polyurethane wheels, with various material blends designed to deliver specific features and application benefits (see pages 115-127 for full offering)
- ▼ Our popular **80A** and **95A** durometer wheels are **designed and proven for industrial use**—many offering a **3 year warranty**

- ▼ New formulas and tread profiles continue to be developed to **enhance ergonomics** (**AX, AN** wheels)
- ▼ Standard and custom keyway inserts are available
- ▼ Custom machining and crown facing
- ▼ Cutter bars, brakes, and sound dampening pads available

Specialty Wheel Development – Albion’s team of engineers has significant experience designing and developing new wheels for specialty applications in virtually any industry. Contact factory with your needs!

Custom colors available
(minimums may apply)

CG-MAX EFFICIENCY WHEEL™



- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

CUSTOM SOLUTIONS



IDENTIFY YOUR NEEDS.

- Capture Your Vision
- Identify All Requirements
- Evaluate Safety and Ergonomics



DESIGN IT.

- Leverage Proven Knowledge Base
- Create Solid 3D Model Design
- Finite Element Analysis (FEA)
- 3D Printing
- Rapid Prototyping

With more than 500,000 standard caster models available, it's likely that Albion has just the right caster for your application. However, if you have a unique application that requires a custom need, our experienced sales and engineering teams can partner with you to create a practical solution that meets your needs.

Whether it's a modification to an existing product or a brand new custom design, Albion has the engineering experience and technology to bring your concept to life.

ALBION®



TEST IT.

- ANSI ICWM Standards
- Durability & Impact
- Ergonomic Push/Pull
- Brake & Accessory Fatigue
- Customer Specified Testing

BUILD & DELIVER IT.

- U.S. Heavy Duty Manufacturing
- Global Supply Chain
- CNC: Laser, Bender, Machining
- Robotic & Skilled Manual Welding
- Experienced Finishing & Assembly



At Albion, every custom project is led by a single project manager. Our comprehensive process begins by capturing the customer vision and all application requirements, and ends with a customer approved product that has been tightly audited throughout the production process. Every stage is scrutinized and reviewed, providing a solid framework for all new product innovations. This process ensures that your mobility solution is brought to life on-time and on-budget.

COMPLIANCE

Please work with your sales representative for compliance requirements on a part specific basis.

ACCREDITATION AND AFFILIATES



National Sanitation Foundation for Food Service
Many NSF listed casters available. Consult factory.



With our proven design and manufacturing experience, we guarantee select Albion casters with up to a three (3) year warranty from date of purchase; look for the 3 year warranty icon throughout the catalog. All other Albion brand casters feature a (1) year warranty from date of purchase. Visit albioncasters.com/warranty for official warranty details.

Albion Product Numbering System

Below are helpful examples of Casters, Wheels, and Rig part numbers and what the respective numbering system and codes represents in each.

Casters

16PD06201S is a 16 Series 6" x 2" swivel top plate caster with Polyurethane/Aluminum core wheel and straight roller bearing. See below for caster number breakdown.

| | | | | | |
|-------------------------------------|--|------------------------------------|---|---|---|
| 16 | PD | 06 | 2 | 01 | S |
| Caster Series (16 Series) | Wheel Code (PD is Polyurethane on aluminum core) (see Wheel Section for codes, page 115-155) | Diameter Code (06 is 6") | Tread Width Code (2 is 2") 0: Less than 1-1/2 1: 1-1/2 to 1-5/8 2: 1-3/4 to 2 3: 2-1/8 to 2-7/16 4: 2-1/2 to 2-3/4 5: 2.8 to 3-3/8 6: 3-1/2 to 3-7/8 7: 4 to 4-7/8 8: 5 to 5-1/2 9: Over 5-1/2 X: 3-1/2 Dia. Wheel | Bearing Code (01 is Straight Roller Bearing) (see Bearing Section for codes, page 13) | Swivel/Rigid Code (S is swivel, R is rigid) |

OPTIONAL FEATURES

To be listed under the caster model number when ordering. Note: Some brake and swivel lock options are now placed at the end of the part number. Please see individual series for option designation.

| | |
|---|---|
| CB | 16 |
| Option Code (CB is cam style brake) | Option Code (In this case cam style brake for 16 series caster) |

Note: Internal numbers for brakes can change.

Wheels

PD0620112 is a 6" x 2" Polyurethane/Aluminum core with 3/4" straight roller bearing.

| | | | | |
|--|------------------------------------|--|---|---|
| PD | 06 | 2 | 01 | 12 |
| Wheel Code (PD is Polyurethane on aluminum core) (see Wheel Section for codes, page 115-155) | Diameter Code (06 is 6") | Tread Width Code (2 is 2") 0: Less than 1-1/2 1: 1-1/2 to 1-5/8 X: 1-1/4" tread width for 3-1/2" Dia. Wheels 2: 1-3/4 to 2 3: 2-1/8 to 2-7/16 4: 2-1/2 to 2-3/4 5: 2.8 to 3-3/8 6: 3-1/2 to 3-7/8 7: 4 to 4-7/8 8: 5 to 5-1/2 9: Over 5-1/2 | Bearing Code (01 is Straight Roller Bearing) (see Bearing Section for codes, page 13) Note: for wheel less bearing order 41 or 00 depending on wheel. See wheel section pages 115-155) | Bearing ID Code (12 is 3/4") Bearing I.D. for wheels with bearing. Wheel bore I.D. for wheels less bearing. In 1/16" increments, for example: 12 divided by 16 or 3/4" Common Bore Sizes: 19 = 1-3/16 31 = 1-15/16 39 = 2-7/16 |

Rigs

16YA06201S is a Medium-heavy duty swivel rig that would accommodate the above 6" x 2" PD wheel.

| | | | | | |
|-------------------------------------|---|------------------------------------|---|--|---|
| 16 | YA | 06 | 2 | 01 | S |
| Caster Series (16 Series) | Rig Code (YA is rig only designation) YA: Standard YB: Moldon Lead YJ: Ball Load YN: Semi-Pneumatic YO: Full Pneumatic (Note: not all options included) | Diameter Code (06 is 6") | Inside Leg Spacing Code (2 means that rig fits 1-3/4" to 2" tread width wheel) See Tread Width Code in WHEELS above. | Axle/Nut Code (01 indicates Stripped rig, no parts) 00: Rig comes with axle, nut, spanner and thrust washers 03: Complete with axle and nut. | Swivel/Rigid Code (S is swivel, R is rigid) |

>> **Product Pages**
Up Next >>

NOTE: We work hard to ensure all specifications and part numbers are accurately represented throughout our catalog, however catalog specifications are subject to change without notice. Please feel free to contact us to request a drawing, sample (minimums may apply) or to confirm any specification detail prior to ordering.

MAINTENANCE FREE KINGPINLESS CASTERS

CAPACITY RANGE 1250-2500 LBS



Ergonomic



Maintenance Free

Common Applications:

- Production Racks and Carts
- Conveyor Systems
- Part Carts
- Tool Dollies
- Floor Trucks
- Warehouse Trucks
- Distribution Cages and Carts

38 Series

Ergonomic Maintenance Free Caster with AN Wheel



38 Series Maintenance Free
Page
Capacity to 250021



28 Series Maintenance Free
Page
Capacity to 1500 22

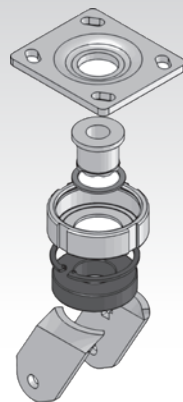


18 Series Maintenance Free
Page
Capacity to 1250 23-24

Maintenance Free Advantage

- Ergonomically designed
- Easier push/pull force
- Quieter operation
- Reduced maintenance costs
- Long life in towing application (28-38 Series)

Maintenance Free Rig + CG-MAX Wheel = Preferred Ergonomic Solution



SEALED PRECISION SWIVEL BEARING PROVIDES EXCELLENT ERGONOMICS WITH NO MAINTENANCE
• UP TO 2,500 LBS. CAPACITY

- EASIEST MOVEMENT
- REDUCES NOISE
- DEBRIS RESISTANT
- FLOOR PROTECTIVE

ALBION[®]

28 and 38 SERIES Maintenance Free Casters

The ultimate ergonomic solution

- Strong and quiet
- Easy to push/pull
- Extended lead design for superior maneuverability
- Maintenance free



38

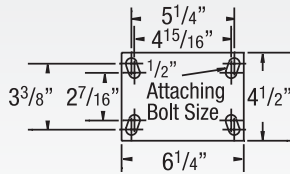
Made in the **USA**
Maintenance Free
Ergonomic Precision Casters
CAPACITY TO 2500

New



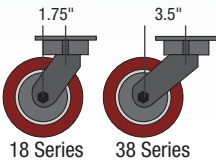
Heavier duty ergonomic design with extended leads for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

MOUNTING OPTIONS Standard Plate



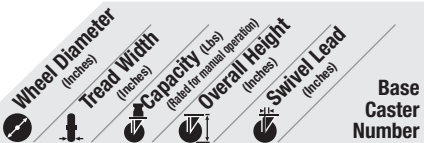
TYPICAL APPLICATIONS

- Automated guide vehicles
- Hand Push Carts
- Towing Carts
- Lean / JIT cart programs
- Tow Line Applications
- Warehouse Applications



Extended swivel lead on 38 series casters reduce "push / pull" force and eliminate chatter in tow applications

Base Swivel Caster Number In Chart
 For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE TREAD MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 38AN06228S |
|----|---|--|---|--|-------|--------------|
| | 8 <td>2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38AN08228S01</td> </td></td></td> | 2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38AN08228S01</td> </td></td> | 1500 <td>9 1/2 <td>3 1/2</td> <td>38AN08228S01</td> </td> | 9 1/2 <td>3 1/2</td> <td>38AN08228S01</td> | 3 1/2 | 38AN08228S01 |
| | 8 <td>2 <td>1500 <td>10 1/8</td> <td>3 1/2</td> <td>38AN08228S</td> </td></td> | 2 <td>1500 <td>10 1/8</td> <td>3 1/2</td> <td>38AN08228S</td> </td> | 1500 <td>10 1/8</td> <td>3 1/2</td> <td>38AN08228S</td> | 10 1/8 | 3 1/2 | 38AN08228S |
| | 10 <td>2 <td>2500 <td>12</td> <td>3 1/2</td> <td>38AN10228S</td> </td></td> | 2 <td>2500 <td>12</td> <td>3 1/2</td> <td>38AN10228S</td> </td> | 2500 <td>12</td> <td>3 1/2</td> <td>38AN10228S</td> | 12 | 3 1/2 | 38AN10228S |

85 Shore A Standard Bearing: Precision Ball (28)

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 38AX06228S |
|----|---|--|---|--|-------|--------------|
| | 8 <td>2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38AX08228S01</td> </td></td></td> | 2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38AX08228S01</td> </td></td> | 1500 <td>9 1/2 <td>3 1/2</td> <td>38AX08228S01</td> </td> | 9 1/2 <td>3 1/2</td> <td>38AX08228S01</td> | 3 1/2 | 38AX08228S01 |
| | 8 <td>2 <td>1500 <td>10 1/8</td> <td>3 1/2</td> <td>38AX08228S</td> </td></td> | 2 <td>1500 <td>10 1/8</td> <td>3 1/2</td> <td>38AX08228S</td> </td> | 1500 <td>10 1/8</td> <td>3 1/2</td> <td>38AX08228S</td> | 10 1/8 | 3 1/2 | 38AX08228S |
| | 10 <td>2 <td>2500 <td>12</td> <td>3 1/2</td> <td>38AX10228S</td> </td></td> | 2 <td>2500 <td>12</td> <td>3 1/2</td> <td>38AX10228S</td> </td> | 2500 <td>12</td> <td>3 1/2</td> <td>38AX10228S</td> | 12 | 3 1/2 | 38AX10228S |

85 Shore A Standard Bearing: Precision Ball (28)

- Quiet
- Ergonomic
- Maintenance Free
- Premium Quality
- Environmentally Friendly (Consult factory)

FEATURES

- **Maintenance Free:** Maintenance free swivel section. No lubrication ever needed
- **Ergonomic Extended Lead:** Extended lead is standard, improving ergonomics, reducing push / pull force
- **Top Plate & Yoke Base:** 5/16" HSLA steel plate. Yoke base is notched for field installable 4-position swivel lock
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base
- **Finish:** All parts, except wheel, are zinc plated
- **Axle:** 1/2" diameter solid axle with lock nut

ACCESSORIES

To order, add brake code below to end of model. Example: 38AN06228SFBK

Face brake
 Available for swivel models; field installable specify **FBK**



New integrated face brake coming soon
 Contact Albion.



Hand operated field installable swivel lock
 order **SL3000000** separately



Field installable toe guards See page 23 for model numbers



BEARING OPTIONS



Base Swivel Caster Number In Chart
 For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE TREAD MODELS CONTINUED

Green Round Polyurethane Tread on Aluminum

| PM | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 38PM06228S |
|----|---|--|---|--|-------|--------------|
| | 8 <td>2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38PM08228S01</td> </td></td></td> | 2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38PM08228S01</td> </td></td> | 1500 <td>9 1/2 <td>3 1/2</td> <td>38PM08228S01</td> </td> | 9 1/2 <td>3 1/2</td> <td>38PM08228S01</td> | 3 1/2 | 38PM08228S01 |
| | 8 <td>2 <td>1500 <td>10 1/8 <td>3 1/2</td> <td>38PM08228S</td> </td></td></td> | 2 <td>1500 <td>10 1/8 <td>3 1/2</td> <td>38PM08228S</td> </td></td> | 1500 <td>10 1/8 <td>3 1/2</td> <td>38PM08228S</td> </td> | 10 1/8 <td>3 1/2</td> <td>38PM08228S</td> | 3 1/2 | 38PM08228S |

95 Shore A Standard Bearing: Precision Ball (28)

Butterscotch Round Tread Polyurethane on Aluminum

| PM 80A | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 38PM06228S80A |
|--------|--|---|--|---|-------|-----------------|
| | 8 <td>2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38PM08228S0180A</td> </td></td></td> | 2 <td>1500 <td>9 1/2 <td>3 1/2</td> <td>38PM08228S0180A</td> </td></td> | 1500 <td>9 1/2 <td>3 1/2</td> <td>38PM08228S0180A</td> </td> | 9 1/2 <td>3 1/2</td> <td>38PM08228S0180A</td> | 3 1/2 | 38PM08228S0180A |
| | 8 <td>2 <td>1500 <td>10 1/8 <td>3 1/2</td> <td>38PM08228S80A</td> </td></td></td> | 2 <td>1500 <td>10 1/8 <td>3 1/2</td> <td>38PM08228S80A</td> </td></td> | 1500 <td>10 1/8 <td>3 1/2</td> <td>38PM08228S80A</td> </td> | 10 1/8 <td>3 1/2</td> <td>38PM08228S80A</td> | 3 1/2 | 38PM08228S80A |

80 Shore A Standard Bearing: Precision Ball (28)

Yellow Polyurethane on Heavy Duty Iron

| PF | 6 | 2 | 2000 | 7 1/2 | 2 1/2 | 38PF06228S |
|----|---|--|---|--|-------|--------------|
| | 8 <td>2 <td>2200 <td>9 1/2 <td>3 1/2</td> <td>38PF08228S01</td> </td></td></td> | 2 <td>2200 <td>9 1/2 <td>3 1/2</td> <td>38PF08228S01</td> </td></td> | 2200 <td>9 1/2 <td>3 1/2</td> <td>38PF08228S01</td> </td> | 9 1/2 <td>3 1/2</td> <td>38PF08228S01</td> | 3 1/2 | 38PF08228S01 |
| | 8 <td>2 <td>2200 <td>10 1/8 <td>3 1/2</td> <td>38PF08228S</td> </td></td></td> | 2 <td>2200 <td>10 1/8 <td>3 1/2</td> <td>38PF08228S</td> </td></td> | 2200 <td>10 1/8 <td>3 1/2</td> <td>38PF08228S</td> </td> | 10 1/8 <td>3 1/2</td> <td>38PF08228S</td> | 3 1/2 | 38PF08228S |

95 Shore A Standard Bearing: Precision Ball (28)

NYLON MODELS

Trionix™ High Impact Polymer

| NX | 6 | 2 | 2160 | 7 1/2 | 2 1/2 | 38NX06228S |
|----|---|--|---|--|-------|--------------|
| | 8 <td>2 <td>2160 <td>9 1/2 <td>3 1/2</td> <td>38NX08228S01</td> </td></td></td> | 2 <td>2160 <td>9 1/2 <td>3 1/2</td> <td>38NX08228S01</td> </td></td> | 2160 <td>9 1/2 <td>3 1/2</td> <td>38NX08228S01</td> </td> | 9 1/2 <td>3 1/2</td> <td>38NX08228S01</td> | 3 1/2 | 38NX08228S01 |
| | 8 <td>2 <td>2160 <td>10 1/8 <td>3 1/2</td> <td>38NX08228S</td> </td></td></td> | 2 <td>2160 <td>10 1/8 <td>3 1/2</td> <td>38NX08228S</td> </td></td> | 2160 <td>10 1/8 <td>3 1/2</td> <td>38NX08228S</td> </td> | 10 1/8 <td>3 1/2</td> <td>38NX08228S</td> | 3 1/2 | 38NX08228S |

Standard Bearing: Precision Ball (28)

38 SERIES • CAPACITY TO 2500

MAINTENANCE FREE KINGPINLESS

28

Made in the **USA**
Maintenance Free
Ergonomic Precision Casters
NEW CAPACITY TO 1500

NEW



Quiet



Ergonomic



Maintenance Free



Premium Quality



Environmentally Friendly
 (Consult factory)

FEATURES

- **Maintenance Free:** Maintenance free swivel section. No lubrication ever needed
- **Ergonomic Extended Lead:** Extended lead is standard, improving ergonomics, reducing push / pull force
- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for field installable 4-position swivel lock
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base
- **Finish:** All parts, except wheel, are zinc plated
- **Axle:** 1/2" diameter solid axle with lock nut

ACCESSORIES

To order, add brake code below to end of model. Example:
 28AN06228S**FBK**

Face brake
 Available for swivel models; field installable specify **FBK**



Hand operated field installable **swivel lock** order **SL16000013A** separately

Specify **TO** for factory installed integral toe guard, available on swivel and rigid.



Field installable toe guards See page 23 for model numbers

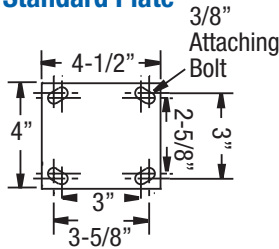
New integrated brake/toe guard coming soon
 Contact Albion.



Ergonomic design with extended leads for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

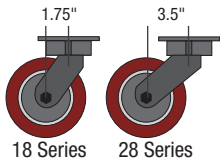
MOUNTING OPTIONS

Standard Plate



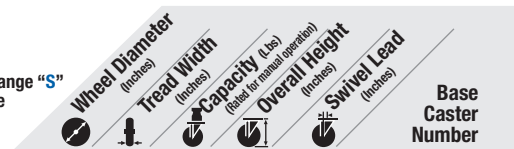
TYPICAL APPLICATIONS

- Automated guide vehicles
- Hand Push Carts
- Towing Carts
- Lean / JIT cart programs
- Tow Line Applications
- Warehouse Applications



Extended swivel lead on 28 series casters reduce "push / pull" force and eliminate chatter in tow applications

Base Swivel Caster Number In Chart
 For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE TREAD MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 28AN06228S |
|----|---|---|------|--------|-------|--------------|
| | 8 | 2 | 1500 | 9 1/2 | 3 1/2 | 28AN08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 3 1/2 | 28AN08228S |

85 Shore A Standard Bearing: Precision Ball (28)

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 28AX06228S |
|----|--|---|------|--------|-------|--------------|
| | 8 <td>2</td> <td>1500</td> <td>9 1/2</td> <td>3 1/2</td> <td>28AX08228S01</td> | 2 | 1500 | 9 1/2 | 3 1/2 | 28AX08228S01 |
| | 8 <td>2</td> <td>1500</td> <td>10 1/8</td> <td>3 1/2</td> <td>28AX08228S</td> | 2 | 1500 | 10 1/8 | 3 1/2 | 28AX08228S |

85 Shore A Standard Bearing: Precision Ball (28)

Green Round Polyurethane Tread on Aluminum

| PM | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 28PM06228S |
|----|--|---|------|--------|-------|--------------|
| | 8 <td>2</td> <td>1500</td> <td>9 1/2</td> <td>3 1/2</td> <td>28PM08228S01</td> | 2 | 1500 | 9 1/2 | 3 1/2 | 28PM08228S01 |
| | 8 <td>2</td> <td>1500</td> <td>10 1/8</td> <td>3 1/2</td> <td>28PM08228S</td> | 2 | 1500 | 10 1/8 | 3 1/2 | 28PM08228S |

95 Shore A Standard Bearing: Precision Ball (28)

BEARING OPTIONS



Precision Ball (28)
 No lubrication required

POLYURETHANE TREAD MODELS CONTINUED

Butterscotch Round Tread Polyurethane on Aluminum

| PM 80A | 6 | 2 | 1250 | 7 1/2 | 2 1/2 | 28PM06228S80A |
|--------|---|---|------|--------|-------|-----------------|
| | 8 <td>2</td> <td>1500</td> <td>9 1/2</td> <td>3 1/2</td> <td>28PM08228S0180A</td> | 2 | 1500 | 9 1/2 | 3 1/2 | 28PM08228S0180A |
| | 8 <td>2</td> <td>1500</td> <td>10 1/8</td> <td>3 1/2</td> <td>28PM08228S80A</td> | 2 | 1500 | 10 1/8 | 3 1/2 | 28PM08228S80A |

80 Shore A Standard Bearing: Precision Ball (28)

Yellow Polyurethane on Heavy Duty Iron

| PF | 6 | 2 | 1500 | 7 1/2 | 2 1/2 | 28PF06228S |
|----|--|---|------|--------|-------|--------------|
| | 8 <td>2</td> <td>1500</td> <td>9 1/2</td> <td>3 1/2</td> <td>28PF08228S01</td> | 2 | 1500 | 9 1/2 | 3 1/2 | 28PF08228S01 |
| | 8 <td>2</td> <td>1500</td> <td>10 1/8</td> <td>3 1/2</td> <td>28PF08228S</td> | 2 | 1500 | 10 1/8 | 3 1/2 | 28PF08228S |

95 Shore A Standard Bearing: Precision Ball (28)

RUBBER TREAD MODELS

Performa Flat Tread on Polypropylene

| XS | 6 | 2 | 600 | 7 1/2 | 2 1/2 | 28XS06228S |
|----|---|---|-----|--------|-------|--------------|
| | 8 <td>2</td> <td>675</td> <td>9 1/2</td> <td>3 1/2</td> <th>28XS08228S01</th> | 2 | 675 | 9 1/2 | 3 1/2 | 28XS08228S01 |
| | 8 <td>2</td> <td>675</td> <td>10 1/8</td> <td>3 1/2</td> <th>28XS08228S</th> | 2 | 675 | 10 1/8 | 3 1/2 | 28XS08228S |

Standard Bearing: Precision Ball (28)

Performa Round Tread on Polypropylene

| XR | 6 | 2 | 450 | 7 1/2 | 2 1/2 | 28XR06228S |
|----|---|---|-----|--------|-------|--------------|
| | 8 <td>2</td> <td>600</td> <td>9 1/2</td> <td>3 1/2</td> <th>28XR08228S01</th> | 2 | 600 | 9 1/2 | 3 1/2 | 28XR08228S01 |
| | 8 <td>2</td> <td>600</td> <td>10 1/8</td> <td>3 1/2</td> <th>28XR08228S</th> | 2 | 600 | 10 1/8 | 3 1/2 | 28XR08228S |

Standard Bearing: Precision Ball (28)

NYLON MODELS

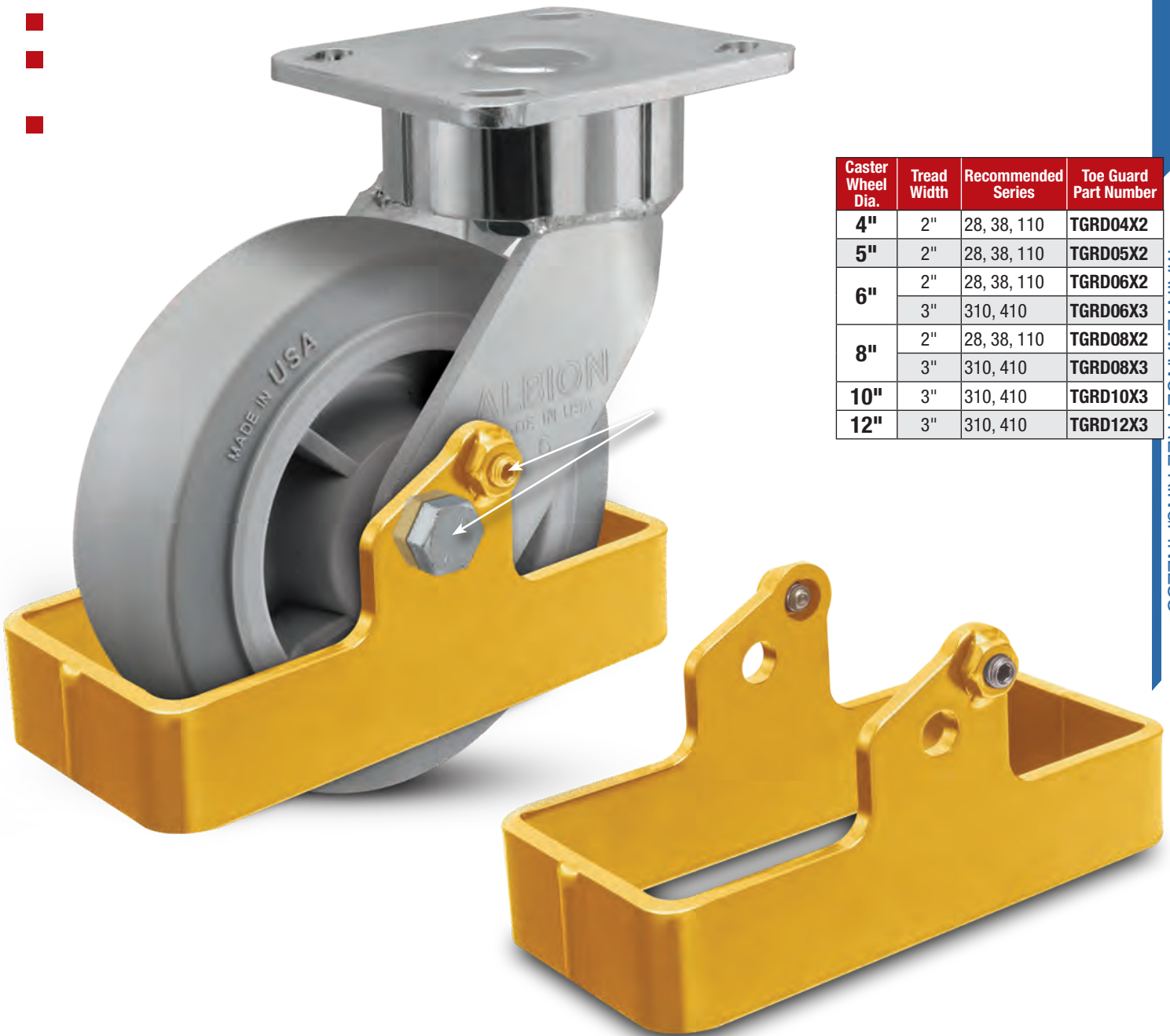
Heavy Duty Glass Filled Nylon

| DT | 6 | 2 | 1200 | 7 1/2 | 2 1/2 | 28DT06228S |
|----|--|---|------|--------|-------|--------------|
| | 8 <td>2</td> <td>1400</td> <td>9 1/2</td> <td>3 1/2</td> <th>28DT08228S01</th> | 2 | 1400 | 9 1/2 | 3 1/2 | 28DT08228S01 |
| | 8 <td>2</td> <td>1400</td> <td>10 1/8</td> <td>3 1/2</td> <th>28DT08228S</th> | 2 | 1400 | 10 1/8 | 3 1/2 | 28DT08228S |

Standard Bearing: Precision Ball (28)

ALBION[®]

Toe Guards



| Caster Wheel Dia. | Tread Width | Recommended Series | Toe Guard Part Number |
|-------------------|-------------|--------------------|-----------------------|
| 4" | 2" | 28, 38, 110 | TGRD04X2 |
| 5" | 2" | 28, 38, 110 | TGRD05X2 |
| 6" | 2" | 28, 38, 110 | TGRD06X2 |
| | 3" | 310, 410 | TGRD06X3 |
| 8" | 2" | 28, 38, 110 | TGRD08X2 |
| | 3" | 310, 410 | TGRD08X3 |
| 10" | 3" | 310, 410 | TGRD10X3 |
| 12" | 3" | 310, 410 | TGRD12X3 |

MAINTENANCE FREE KINGPINLESS

18

Maintenance Free Ergonomic Precision Casters

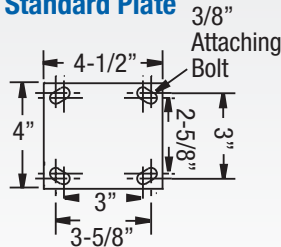
CAPACITY TO 1250



Ergonomically designed for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

MOUNTING OPTIONS

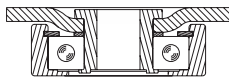
Standard Plate



TYPICAL APPLICATIONS

- Picking carts
- Light towing carts
- JIT Carts
- AGV & tow line applications

MAINTENANCE FREE SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE TREAD MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 4 | 5 | 6 | 8 | 2 | 2 | 800 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | 5 ¹ / ₂ | 18AX04228S |
|----|---|---|---|---|---|---|------|-------------------------------|----------------------------------|-------------------------------|------------|
| | | | | | | | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 | 18AX05228S |
| | | | | | | | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 | 18AX06228S |
| | | | | | | | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 18AX08228S |

85 Shore A Standard Bearing: Precision Ball (28)
Learn more at right with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 4 | 5 | 6 | 8 | 2 | 2 | 800 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | 5 ¹ / ₂ | 18AX04228S |
|----|---|---|---|---|---|---|------|-------------------------------|----------------------------------|-------------------------------|------------|
| | | | | | | | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 | 18AX05228S |
| | | | | | | | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 | 18AX06228S |
| | | | | | | | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 18AX08228S |

85 Shore A Standard Bearing: Precision Ball (28)
Learn more at right with new patent pending top hats.



Quiet



Ergonomic



Maintenance Free



Premium Quality



Environmentally Friendly
(Consult factory)

FEATURES

- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- **Swivel Section:** Precision sealed ball bearing eliminates need for routine maintenance
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base (swivel only)
- **Axle:** 1/2" diameter solid axle with Lock Nut
- **Maintenance Free:** Lubrication unnecessary with maintenance free swivel section and wheel bearing design
- **Finish:** All parts, except wheel, are zinc plated

ACCESSORIES

To order, add brake code below to end of model. Example: 18XS06228SFBC

Face brake specify **FBC**



Face brake specify **FBE**



Face brake specify **FBK**



Hand operated field installable **swivel lock** order **SL160000** separately

Foot operated field installable **swivel lock** order **SL160002** separately



BEARING OPTIONS



Precision Ball (28)



Pedestal Precision (29)

- Sealed Precision Swivel
- Maintenance Free Operation
- Smooth, Quiet Ride

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE TREAD MODELS CONTINUED

Green Round Polyurethane Tread on Aluminum

| PM | 5 | 6 | 8 | 2 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 | 18PM05228S |
|----|---|---|---|---|---|------|-------------------------------|-------------------------------|---|------------|
| | | | | | | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 | 18PM06228S |
| | | | | | | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 18PM08228S |

95 Shore A Standard Bearing: Precision Ball (28)

Butterscotch Round Tread Polyurethane on Aluminum

| PM 80A | 5 | 6 | 8 | 2 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 | 18PM05228S80A |
|--------|---|---|---|---|---|------|-------------------------------|-------------------------------|---|---------------|
| | | | | | | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 | 18PM06228S80A |
| | | | | | | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 18PM08228S80A |

80 Shore A Standard Bearing: Precision Ball (28)
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Drive lasting results with
CG-MAX EFFICIENCY WHEEL™

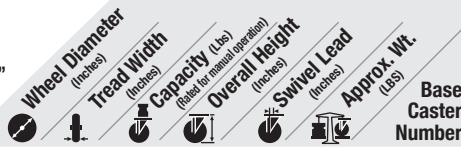
See wheel section for more information or ...

Visit albiocasters.com/CG-MAX for additional information and CAD models.



Continue on next page >>

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE TREAD MODELS CONTINUED

Aubin Industries Swivel-EAZ® Dual Round Tread

| EY | 4 | 2 | 675 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 18EY04228S |
|----|---|---|------|-------------------------------|---------------------------------|------------|
| | 5 | 2 | 900 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 18EY05228S |
| | 6 | 2 | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 18EY06228S |
| | 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 18EY08228S |

Standard Bearing: Precision Ball (28)

Aubin Industries Swivel-EAZ® Dual Flat Tread

| EZ | 4 | 2 | 900 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 18EZ04228S |
|----|---|---|------|-------------------------------|---------------------------------|------------|
| | 5 | 2 | 1250 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 18EZ05228S |
| | 6 | 2 | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 18EZ06228S |
| | 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 18EZ08228S |

Standard Bearing: Precision Ball (28)

Endura Solid Elastomer Polyurethane

| SE | 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 6 | 18SE04228S |
|----|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------|
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 ¹ / ₂ | 18SE05228S |
| | 6 | 2 | 1100 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 ¹ / ₄ | 18SE06228S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 18SE08228S |

Standard Bearing: Precision Ball (28)

Hi-Tech Antimicrobial Polyurethane on Polypropylene

| XA | 4 | 2 | 720 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 18XA04229S |
|----|---|---|------|-------------------------------|---------------------------------|------------|
| | 5 | 2 | 900 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 18XA05229S |
| | 6 | 2 | 1100 | 7 ¹ / ₂ | 1 ³ / ₄ | 18XA06229S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 1 ³ / ₄ | 18XA08229S |

Standard Bearing: Pedestal Precision Ball (29)

Hi-Tech Polyurethane on Polypropylene (Maroon)

| XM | 4 | 2 | 720 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 18XA04229S |
|----|---|---|------|-------------------------------|---------------------------------|------------|
| | 5 | 2 | 900 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 18XA05229S |
| | 6 | 2 | 1100 | 7 ¹ / ₂ | 1 ³ / ₄ | 18XA06229S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 1 ³ / ₄ | 18XA08229S |

Standard Bearing: Pedestal Precision Ball (29)

Yellow Polyurethane Tread on Heavy Duty Iron

| PF | 6 | 2 | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 | 18PF06228S |
|----|--|---|--|-------------------------------|-------------------------------|-----------------------|------------|
| | 8 <td>2 <td>1250 <td>9¹/₂</td> <td>1³/₄</td> <td>9 <th>18PF08228S</th> </td></td></td> | 2 <td>1250 <td>9¹/₂</td> <td>1³/₄</td> <td>9 <th>18PF08228S</th> </td></td> | 1250 <td>9¹/₂</td> <td>1³/₄</td> <td>9 <th>18PF08228S</th> </td> | 9 ¹ / ₂ | 1 ³ / ₄ | 9 <th>18PF08228S</th> | 18PF08228S |

95 Shore A

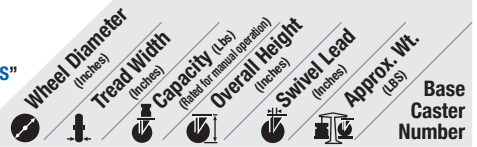
Standard Bearing: Precision Ball (28)

Endura Solid Elastomer Polyurethane

| SE | 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 6 | 18SE04228S |
|----|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------|
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 ¹ / ₂ | 18SE05228S |
| | 6 | 2 | 1100 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 ¹ / ₄ | 18SE06228S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 18SE08228S |

Standard Bearing: Precision Ball (28)

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



NYLON TREAD MODELS

Trionix™ High Impact Polymer

| NX | 4 | 2 | 1250 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 8 | 18NX04228S |
|----|---|---|------|-------------------------------|---------------------------------|--------------------------------|------------|
| | 5 | 2 | 1250 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 9 | 18NX05228S |
| | 6 | 2 | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 10 ³ / ₄ | 18NX06228S |
| | 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 11 | 18NX08228S |

Standard Bearing: Precision Ball (28)

Heavy Duty Glass Filled Nylon

| DT | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 18DT04228S |
|----|---|---|------|-------------------------------|---------------------------------|------------|
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 18DT05228S |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ³ / ₄ | 18DT06228S |
| | 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 18DT08228S |

Standard Bearing: Precision Ball (28)

RUBBER TREAD MODELS

Perma Flat Tread on Polypropylene

| XS | 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 6 ¹ / ₄ | 18XS04228S |
|----|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------|
| | 5 | 2 | 375 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 7 | 18XS05228S |
| | 6 | 2 | 600 | 7 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 18XS06228S |
| | 8 | 2 | 675 | 9 ¹ / ₂ | 1 ³ / ₄ | 7 ¹ / ₂ | 18XS08228S |

Standard Bearing: Precision Ball (28)

Perma Round Tread on Polypropylene

| XR | 6 | 2 | 450 | 7 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 18XR06228S |
|----|---|--|-----|-------------------------------|-------------------------------|-------------------------------|------------|
| | 8 | 2 <td>600</td> <td>9¹/₂</td> <td>1³/₄</td> <td>7¹/₂</td> <th>18XR08228S</th> | 600 | 9 ¹ / ₂ | 1 ³ / ₄ | 7 ¹ / ₂ | 18XR08228S |

Standard Bearing: Precision Ball (28)

Black Monoprene Semi-Pneumatic

| SZ | 6 | 2 | 250 | 7 ¹ / ₂ | 1 ³ / ₄ | 18SZ06228S |
|----|---|--|-----|-------------------------------|-------------------------------|------------|
| | 8 | 2 <td>280</td> <td>9¹/₂</td> <td>1³/₄</td> <th>18SZ08228S</th> | 280 | 9 ¹ / ₂ | 1 ³ / ₄ | 18SZ08228S |

Standard Bearing: Precision Ball (28)

Grey Monoprene Semi-Pneumatic

| SV | 6 | 2 | 250 | 7 ¹ / ₂ | 1 ³ / ₄ | 18SV06228S |
|----|---|--|-----|-------------------------------|-------------------------------|------------|
| | 8 | 2 <td>280</td> <td>9¹/₂</td> <td>1³/₄</td> <th>18SV08228S</th> | 280 | 9 ¹ / ₂ | 1 ³ / ₄ | 18SV08228S |

Standard Bearing: Precision Ball (28)

18 Series Wheel Selection Hints



Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



Rubber/Pneumatic Style

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Debris rejection

HEAVY DUTY KINGPINLESS CASTERS

CAPACITY RANGE 2000-9500 LBS



410 Series
Heavy Duty Kingpinless Caster

Common Applications:

- Conveyor-Drawn Tow-Trucks
- Heavy Duty Bakery Racks
- Production Dollies
- Heavy Duty Dough Troughs
- Body Dolly Carts
- Engine Dollies
- Material Carts
- Aircraft Maintenance Stands
- Aircraft Engine Stands

610 Series
Capacity to 9500 **28-29**

410 Series
Capacity to 5400 **30-31**

310 Series
Capacity to 4100 **32-33**

470 Series
Capacity to 3500 **34**

370 Series **Page**
Capacity to 3000 **35**

110 Series
Capacity to 2000 **36-37**

170 Series
Capacity to 4100 **38-39**

Premium and Specialty Heavy Duty Kingpinless Casters That May Interest You ...

STAINLESS STEEL CASTERS



If your heavy duty casters are exposed to cleaning agents, steam, water, caustic solutions or other agents that cause rust, switch to Stainless Steel to extend your caster life (pages 40-43).

KINGPINLESS SPRING LOADED CASTERS



If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and noise levels, see the Spring Loaded Section (pages 84-89).

WHY KINGPINLESS?

Kingpinless casters
eliminate
kingpin failure.

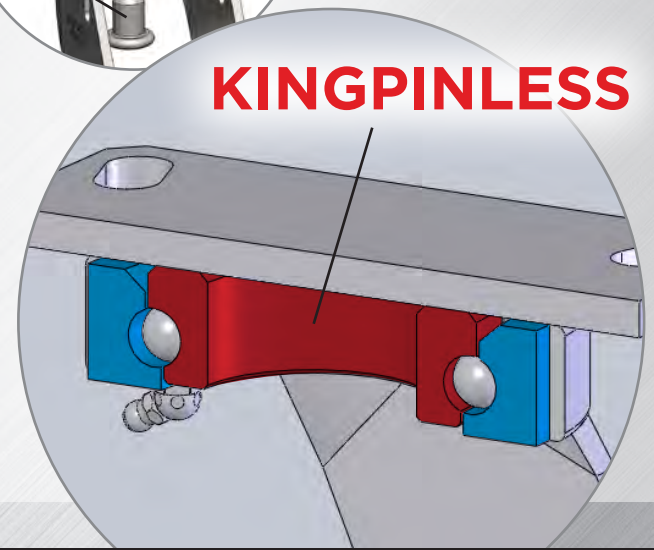
Kingpinless casters are particularly well-suited for any type of power-towed applications where impact and shock loading cause failure in conventional king bolt and nut swivel casters.

A caster with a "kingpin" is the most common, traditional style swivel caster. All the elements that work together to let the caster swivel are held together by one kingpin. In high impact applications, the kingpin becomes strained over time and will fail rendering the caster useless.

A kingpinless caster has a precision machined inner raceway, where large ball bearings are held in between the top plate and yoke base. This allows for greater load distribution, easier swiveling, and eliminates the number one cause of swivel caster failure.



85% of Caster failures are due to **Kingpin Failure.**



Kingpinless Models



Single Wheel
Pages 28-37



Dual Wheel
Pages 71-83



Spring Loaded
Pages 84-94

Albion's leading lineup of kingpinless casters are ready to keep you rolling longer, and eliminate the issue you may have with conventional kingpin style casters that simply can't hold up to your rugged application. Available in single, dual, and spring loaded - we have your heavy duty needs covered all the way up to 30,000 lbs.!

Stainless Kingpinless



Sometimes even heavy duty casters need protection from the elements - and Albion offers the leading stainless selection of kingpinless casters. Prevent corrosion, maintain clean and safe operations, and keep on rolling in the toughest of environments.

Pages 40-43



610

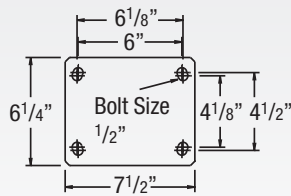
Kingpinless Casters

CAPACITY TO 9500



Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters.

MOUNTING OPTION



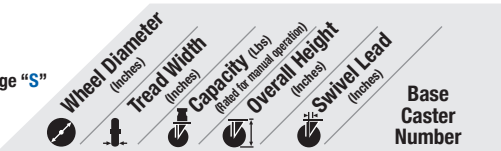
TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Polyurethane on Cast Iron

| PY | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2200 | 8 1/2 | 1 3/4 | 610PY06509S |
| | 8 | 3 | 2600 | 10 1/2 | 2 1/4 | 610PY08509S |
| | 8 | 4 | 3800 | 10 1/2 | 2 1/4 | 610PY08709S |
| | 10 | 3 | 3100 | 12 1/2 | 2 3/4 | 610PY10509S |
| | 10 | 4 | 4200 | 12 1/2 | 2 3/4 | 610PY10709S |
| | 12 | 4 | 4800 | 15 1/2 | 3 5/8 | 610PY12709S |
| | 14 | 4 | 5000 | 18 | 4 3/8 | 610PY14709S |

Standard Bearing: Tapered Roller (09).

Consult PY section on pages 104-105 for optional durometers/capacities



Premium Quality



Towing^



Environmentally Friendly (Consult factory)

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel precision machined and through-hardened for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerk in swivel section
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 3" tread width wheels feature a 3/4" axle, 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

RIG OPTIONS

- Dual wheel models available, consult factory
- Shear disk mounting, consult factory
- **Optional Spring Loaded:** Spring loaded casters offer improved product protection and reduce noise. See options available on page 85



ACCESSORIES

To order, add brake code below to end of model. Example: 610PY08509SP

Poly Cam brake
specify **P**

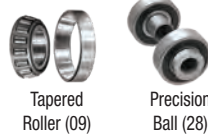


PLB Integrated brake
specify **PLB**

Hand operated field installable **swivel lock**
order **SL6000000** separately



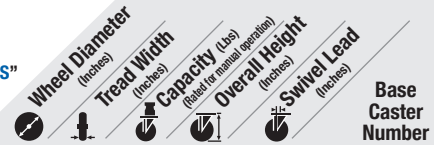
BEARING OPTIONS



Tapered Roller (09)

Precision Ball (28)

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Cast Iron

| PX | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2250 | 8 1/2 | 1 3/4 | 610PX06509S |
| | 8 | 3 | 2780 | 10 1/2 | 2 1/4 | 610PX08509S |
| | 8 | 4 | 3850 | 10 1/2 | 2 1/4 | 610PX08709S |
| | 10 | 3 | 3300 | 12 1/2 | 2 3/4 | 610PX10509S |
| | 10 | 4 | 4620 | 12 1/2 | 2 3/4 | 610PX10709S |
| | 12 | 4 | 5280 | 15 1/2 | 3 5/8 | 610PX12709S |

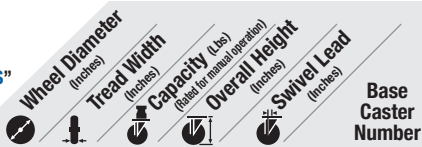
Standard Bearing: Tapered Roller (09).

Yellow Polyurethane on Heavy Duty Cast Iron

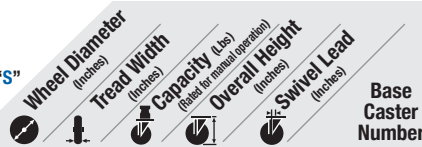
| PF | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 3300 | 8 1/2 | 1 3/4 | 610PF06528S |
| | 8 | 3 | 4000 | 10 1/2 | 2 1/4 | 610PF08528S |
| | 10 | 3 | 4200 | 12 1/2 | 2 3/4 | 610PF10528S |
| | 12 | 3 | 4400 | 15 1/2 | 3 5/8 | 610PF12528S |

Standard Bearing: Precision Ball (28).

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

Aubin Industries Swivel-EAZ® Round Tread

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| EY | 6 | 3 | 2137 | 8 1/2 | 1 3/4 | 610EY06528S |
| | 8 | 3 | 3250 | 10 1/2 | 2 1/4 | 610EY08528S |
| | 10 | 3 | 3800 | 12 1/2 | 2 3/4 | 610EY10528S |
| | 12 | 3 | 4800 | 15 1/2 | 3 5/8 | 610EY12528S |

Standard Bearing: Precision Ball (28).

Aubin Industries Swivel-EAZ® Flat Tread

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| EZ | 6 | 3 | 2850 | 8 1/2 | 1 3/4 | 610EZ06528S |
| | 8 | 3 | 4000 | 10 1/2 | 2 1/4 | 610EZ08528S |
| | 10 | 3 | 4800 | 12 1/2 | 2 3/4 | 610EZ10528S |
| | 12 | 3 | 3800 | 15 1/2 | 3 5/8 | 610EZ12528S |

Standard Bearing: Precision Ball (28).

Polyurethane on Aluminum

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| PD | 8 | 3 | 2520 | 10 1/2 | 2 1/4 | 610PD08509S |
| | 10 | 3 | 3000 | 12 1/2 | 2 3/4 | 610PD10509S |
| | 12 | 3 | 3500 | 15 1/2 | 3 5/8 | 610PD12509S |

Standard Bearing: Tapered Roller (09).

NYLON MODELS

Trionix™ High Impact Polymer

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| NX | 6 | 3 | 7200 | 8 1/2 | 1 3/4 | 610NX06528S |
| | 8 | 3 | 7200 | 10 1/2 | 2 1/4 | 610NX08528S |
| | 10 | 3 | 7200 | 12 1/2 | 2 3/4 | 610NX10528S |
| | 12 | 3 | 7200 | 15 1/2 | 3 5/8 | 610NX12528S |

Standard Bearing: Precision Ball (28).

METAL MODELS

Drop Forged Steel

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| FS | 8 | 3 | 9500 | 10 1/2 | 2 1/4 | 610FS08509S |
| | 10 | 3 | 9500 | 12 1/2 | 2 3/4 | 610FS10509S |
| | 10 | 4 | 9500 | 12 1/2 | 2 3/4 | 610FS10709S |

Standard Bearing: Tapered Roller (09).

Heavy Duty Drop Forged Steel

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| FH | 8 | 3 | 9500 | 10 1/2 | 2 1/4 | 610FH08509S |
| | 10 | 3 | 9500 | 12 1/2 | 2 3/4 | 610FH10509S |

Standard Bearing: Tapered Roller (09).

Crowned Tread Ductile Iron

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| FR | 6 | 3 | 6000 | 8 1/2 | 1 3/4 | 610FR06509S |
| | 8 | 3 | 6000 | 10 1/2 | 2 1/4 | 610FR08509S |
| | 10 | 3 | 6000 | 12 1/2 | 2 3/4 | 610FR10509S |

Standard Bearing: Tapered Roller (09).
 Ductile Iron V-Groove (VM) models available.
 Change FR wheel code to VM. Example: 610VM06401S.

Cast Iron

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| CA | 6 | 3 | 2800 | 8 1/2 | 1 3/4 | 610CA06509S |
| | 8 | 3 | 2800 | 10 1/2 | 2 1/4 | 610CA08509S |
| | 8 | 4 | 4000 | 10 1/2 | 2 1/4 | 610CA08709S |
| | 10 | 3 | 2800 | 12 1/2 | 2 3/4 | 610CA10509S |
| | 10 | 4 | 4000 | 12 1/2 | 2 3/4 | 610CA10709S |

Standard Bearing: Tapered Roller (09).

Drop Forged V-Grooved

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| VF | 6 | 3 | 9500 | 8 1/2 | 1 3/4 | 610VF06509S |
| | 8 | 4 | 9500 | 10 1/2 | 2 1/4 | 610VF08709S |
| | 10 | 4 | 9500 | 12 1/2 | 2 3/4 | 610VF10709S |

Standard Bearing: Tapered Roller (09).

V-Grooved Cast Iron

| | | | | | | |
|---------------|----|-------|------|--------|-------|--------------------|
| VG | 6 | 2 1/2 | 2500 | 8 1/2 | 1 3/4 | 610VG06409S |
| | 8 | 2 1/2 | 2500 | 10 1/2 | 2 1/4 | 610VG08409S |
| | 10 | 3 | 2500 | 12 1/2 | 2 3/4 | 610VG10509S |

Standard Bearing: Tapered Roller (09).

PHENOLIC MODELS

Phenolic

| | | | | | | |
|---------------|----|---|------|--------|-------|--------------------|
| TM | 6 | 3 | 2000 | 8 1/2 | 1 3/4 | 610TM06509S |
| | 8 | 3 | 2500 | 10 1/2 | 2 1/4 | 610TM08509S |
| | 10 | 3 | 2900 | 12 1/2 | 2 3/4 | 610TM10509S |
| | 12 | 3 | 3500 | 15 1/2 | 3 5/8 | 610TM12509S |
| | 12 | 4 | 8000 | 15 1/2 | 3 5/8 | 610TM12709S |

Standard Bearing: Tapered Roller (09).

Selecting The Right Heavy Duty Wheel For Your Application



- PY PX**
- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater capacity



- PD**
- Aluminum core provides improved corrosion resistance
- Lighter weight than heavy cast iron cores



- PF EY EZ**
- High capacity formulation
- Excellent ergonomic performance
- Standard precision ball bearing



- NX**
- High capacity and impact strength
- Best steel wheel replacement for added floor protection



- TM**
- High load capacities
- Impact resistant
- Economical
- High-temp options

410

Made in the USA

Kingpinless Casters

CAPACITY TO 5400

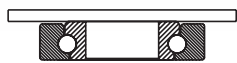


Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined race-way, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

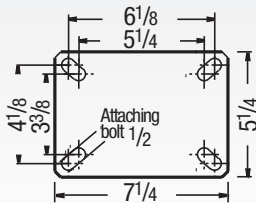
TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

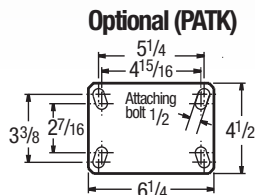
SWIVEL CROSS SECTION



MOUNTING OPTIONS Standard Plate



Special Order Plate



For optional plates consult factory

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|
|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|

POLYURETHANE MODELS

Polyurethane on Cast Iron

| PY | Wheel Diameter | Tread Width | Capacity | Overall Height | Swivel Lead | Model |
|----|----------------|-------------|----------|----------------|-------------|-------------|
| | 6 | 3 | 2200 | 8 | 27/32 | 410PY06501S |
| | 8 | 3 | 2600 | 10 1/2 | 2 15/16 | 410PY08501S |
| | 10 | 3 | 3100 | 12 1/2 | 3 3/8 | 410PY10501S |
| | 12 | 3 | 3600 | 15 1/2 | 4 5/16 | 410PY12501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.
Consult PY section on pages 104-105 for optional durometers/capacities



Premium Quality



Towing^



Environmentally Friendly (Consult factory)

FEATURES

- Integral laser cut design
- 3 Year warranty
- Top Plate: 3/8" AISI 1045
- Swivel Section: One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- Yoke Base: Notched AISI 1045 steel
- Legs: 3/8" thick welded inside and out
- Axle: 3/4" diameter
- Finish: RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Spring Loaded:** Spring loaded casters offer improved product protection and reduce noise. See options available on page 86



ACCESSORIES

To order, add brake code below to end of model. Example: 410PY08501SP

Poly Cam brake specify **P**



PLB Integrated brake specify **PLB**

Face brake specify **FBB**



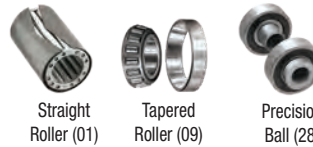
Face brake specify **F**

Hand operated field installable **swivel lock** order **SL4000000** separately



Field installable toe guards See page 23 for model numbers

BEARING OPTIONS



TOE GUARD

Specify **TO** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|
|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|

POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Cast Iron

| PX | Wheel Diameter | Tread Width | Capacity | Overall Height | Swivel Lead | Model |
|----|----------------|-------------|----------|----------------|-------------|-------------|
| | 6 | 3 | 2450 | 8 | 27/32 | 410PX06501S |
| | 8 | 3 | 3500 | 10 1/2 | 2 15/16 | 410PX08501S |
| | 10 | 3 | 3700 | 12 1/2 | 3 3/8 | 410PX10501S |
| | 12 | 3 | 4100 | 15 1/2 | 4 5/16 | 410PX12501S |



Optional Bearing: Tapered Roller (09); Change 01 above to 09.
Standard Bearing: Roller (01).

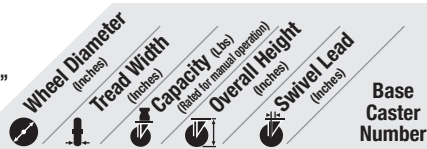
Polyurethane Reactive on Iron

| AZ | Wheel Diameter | Tread Width | Capacity | Overall Height | Swivel Lead | Model |
|----|----------------|-------------|----------|----------------|-------------|-------------|
| | 6 | 3 | 1800 | 8 | 27/32 | 410AZ06528S |
| | 8 | 3 | 2000 | 10 1/2 | 2 15/16 | 410AZ08528S |
| | 10 | 3 | 2200 | 12 1/2 | 3 3/8 | 410AZ10528S |
| | 12 | 3 | 2400 | 15 1/2 | 4 5/16 | 410AZ12528S |



80 Shore A
Standard Bearing: Precision Ball (28).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| PF | | 6 | 3 | 3300 | 8 | 27/32 | 410PF06528S |
| | | 8 | 3 | 4000 | 10 1/2 | 2 15/16 | 410PF08528S |
| | | 10 | 3 | 4200 | 12 1/2 | 3 3/8 | 410PF10528S |
| | | 12 | 3 | 4400 | 15 1/2 | 3 3/8 | 410PF12528S |

95 Shore A Standard Bearing: Precision Ball (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.

Aubin Industries Swivel-EAZ® Round Tread

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| EY | | 6 | 3 | 2137 | 8 | 27/32 | 410EY06528S |
| | | 8 | 3 | 3250 | 10 1/2 | 2 15/16 | 410EY08528S |
| | | 10 | 3 | 3800 | 12 1/2 | 3 3/8 | 410EY10528S |
| | | 12 | 3 | 4000 | 15 1/2 | 4 5/16 | 410EY12528S |

Standard Bearing: Precision Ball (28).
Optional Bearing: Tapered Roller (09); Change 28 above to 09.

Aubin Industries Swivel-EAZ® Flat Tread

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| EZ | | 6 | 3 | 2850 | 8 | 27/32 | 410EZ06528S |
| | | 8 | 3 | 4000 | 10 1/2 | 2 15/16 | 410EZ08528S |
| | | 10 | 3 | 4800 | 12 1/2 | 3 3/8 | 410EZ10528S |
| | | 12 | 3 | 5400 | 15 1/2 | 4 5/16 | 410EZ12528S |

Standard Bearing: Precision Ball (28).
Optional Bearing: Tapered Roller (09); Change 28 above to 09.

Polyurethane on Aluminum

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| PD | | 8 | 3 | 2520 | 10 1/2 | 2 15/16 | 410PD08501S |
| | | 10 | 3 | 3000 | 12 1/2 | 3 3/8 | 410PD10501S |
| | | 12 | 3 | 3500 | 15 1/2 | 3 3/8 | 410PD12501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.

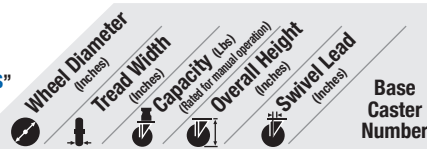
NYLON MODELS

Trionix™ High Impact Polymer

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| NX | | 6 | 3 | 5400 | 8 | 27/32 | 410NX06528S |
| | | 8 | 3 | 5400 | 10 1/2 | 2 15/16 | 410NX08528S |
| | | 10 | 3 | 5400 | 12 1/2 | 3 3/8 | 410NX10528S |
| | | 12 | 3 | 5400 | 15 1/2 | 4 5/16 | 410NX12528S |

Standard Bearing: Precision Ball (28).
Optional Bearing: Tapered Roller (09); Change 28 above to 09.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



METAL MODELS

Drop Forged Steel

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| FS | | 6 | 3 | 5400 | 8 | 27/32 | 410FS06501S |
| | | 8 | 3 | 5400 | 10 1/2 | 2 15/16 | 410FS08501S |
| | | 10 | 3 | 5400 | 12 1/2 | 3 3/8 | 410FS10501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.
6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5400 and 10x3 capacity increases to 5400 with use of 09 bearing.

Crowned Tread Ductile Iron

| | | | | | | | |
|--------|--|----|---|------|--------|---------|-------------|
| FR, VM | | 6 | 3 | 5400 | 8 | 27/32 | 410FR06501S |
| | | 8 | 3 | 5400 | 10 1/2 | 2 15/16 | 410FR08501S |
| | | 10 | 3 | 5400 | 12 1/2 | 3 3/8 | 410FR10501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.
Ductile Iron V-Groove (VM) models available.
Change FR wheel code to VM. Example: 410VM06401S.

Cast Iron

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| CA | | 6 | 3 | 2800 | 8 | 27/32 | 410CA06501S |
| | | 8 | 3 | 2800 | 10 1/2 | 2 15/16 | 410CA08501S |
| | | 10 | 3 | 2800 | 12 1/2 | 3 3/8 | 410CA10501S |
| | | 12 | 3 | 2800 | 15 1/2 | 4 5/16 | 410CA12501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.

Drop Forged V-Grooved

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| VF | | 8 | 3 | 5400 | 10 1/2 | 2 15/16 | 410VF08509S |
| | | 10 | 3 | 5400 | 12 1/2 | 3 3/8 | 410VF10509S |

Standard Bearing: Roller (01).

V-Grooved Cast Iron

| | | | | | | | |
|----|--|----|-------|------|--------|---------|-------------|
| VG | | 6 | 2 1/2 | 2500 | 8 | 27/32 | 410VG06401S |
| | | 8 | 2 1/2 | 2500 | 10 1/2 | 2 15/16 | 410VG08401S |
| | | 8 | 3 | 2500 | 10 1/2 | 2 15/16 | 410VG08501S |
| | | 10 | 3 | 2500 | 12 1/2 | 3 3/8 | 410VG10501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.

PHENOLIC MODELS

Phenolic

| | | | | | | | |
|----|--|----|---|------|--------|---------|-------------|
| TM | | 6 | 3 | 2000 | 8 | 27/32 | 410TM06501S |
| | | 8 | 3 | 2500 | 10 1/2 | 2 15/16 | 410TM08501S |
| | | 10 | 3 | 2900 | 12 1/2 | 3 3/8 | 410TM10501S |
| | | 12 | 3 | 3500 | 15 1/2 | 4 5/16 | 410TM12501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.

Selecting The Right Heavy Duty Wheel For Your Application

PY PX

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater capacity

PD

- Aluminum core provides improved corrosion resistance
- Lighter weight than heavy cast iron cores

AZ PF EY EZ

- High capacity formulation
- Excellent ergonomic performance
- Standard precision ball bearing

NX

- High capacity and impact strength
- Best steel wheel replacement for added floor protection

TM

- High load capacities
- Impact resistant
- Economical
- High-temp options

310

Made in the USA

Kingpinless Casters

CAPACITY TO 4100

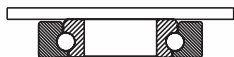


Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined raceway, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

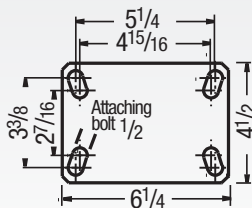
TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

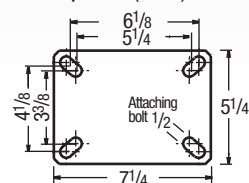
SWIVEL CROSS SECTION



MOUNTING OPTIONS Standard Plate

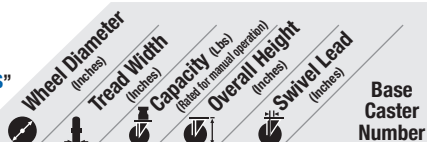


Special Order Plate Optional (PATP)



For optional plates consult factory

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 10 | 2 | 3100 | 12 | 3 1/2 | 310AX10228S |
|----|------------|---|---------------------------------------|----|-------|-------------|
| | 85 Shore A | | Standard Bearing: Precision Ball (28) | | | |

Overall height is 12" for 10x2 wheels only.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 10 | 2 | 3100 | 12 | 3 1/2 | 310AX10228S |
|----|------------|---|---------------------------------------|----|-------|-------------|
| | 85 Shore A | | Standard Bearing: Precision Ball (28) | | | |

Overall height is 12" for 10x2 wheels only.



FEATURES

- Integral laser cut design
- 3 Year warranty
- Top Plate: 5/16" AISI 1045
- Swivel Section: One row of 1/2" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- Yoke Base: Notched AISI 1045 steel
- Legs: 3/8" thick welded inside and out
- Axle: 3/4" diameter
- Finish: RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Towable Swivel Leads:** Consult factory for optional towing leads
- **Optional Spring Loaded:** Spring loaded casters offer improved product protection and reduce noise. See options available on page 87

ACCESSORIES

To order, add brake code below to end of model. Example: 310PY08401SP

Poly Cam brake specify **P**



PLB Integrated brake specify **PLB**

Face brake specify **FBB**

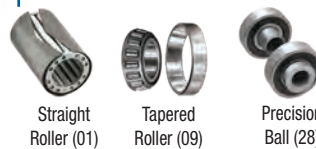


Face brake specify **F**

Hand operated field installable **swivel lock** order **SL3000000** separately



BEARING OPTIONS



TOE GUARD

Specify **TO** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

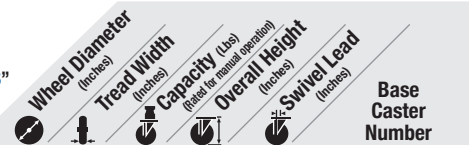
STAINLESS STEEL OPTION

See page 41



Field installable toe guards See page 23 for model numbers

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

Polyurethane on Cast Iron

| PY | 6 | 3 | 2200 | 7 1/2 | 1 3/8 | 310PY06501S |
|----|----|---|------|--------|---------|-------------|
| | 8 | 3 | 2600 | 10 1/8 | 2 1/16 | 310PY08501S |
| | 10 | 3 | 3100 | 11 1/2 | 2 1/4 | 310PY10501S |
| | 12 | 3 | 3600 | 13 1/2 | 2 11/16 | 310PY12501S |

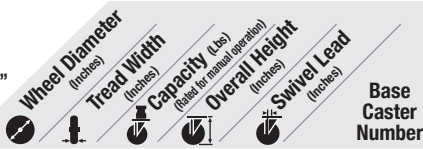
Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.
Consult PY section on pages 104-105 for optional durometers/capacities

Thick Tread Polyurethane on Cast Iron

| PX | 6 | 3 | 2450 | 7 1/2 | 1 3/8 | 310PX06501S |
|----|----|---|------|--------|---------|-------------|
| | 8 | 3 | 3500 | 10 1/8 | 2 1/16 | 310PX08501S |
| | 10 | 3 | 3700 | 11 1/2 | 2 1/4 | 310PX10501S |
| | 12 | 3 | 4100 | 13 1/2 | 2 11/16 | 310PX12501S |

Standard Bearing: Roller (01).
Optional Bearing: Tapered Roller (09); Change 01 above to 09.
Standard durometer 95 Shore A. Other durometers available.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

Polyurethane Reactive on Cast Iron

| | | | | | | |
|-------------------|----|--|------|--------|---------|--------------------|
| AZ | 6 | 3 | 1800 | 7 1/2 | 1 3/8 | 310AZ06528S |
| | 8 | 3 | 2000 | 10 1/8 | 2 1/16 | 310AZ08528S |
| | 10 | 3 | 2200 | 11 1/2 | 2 1/4 | 310AZ10528S |
| | 12 | 3 | 2400 | 13 1/2 | 2 11/16 | 310AZ12528S |
| 80 Shore A | | Standard Bearing: Precision Ball (28). | | | | |

Yellow Polyurethane on Heavy Duty Cast Iron

| | | | | | | |
|-------------------|----|--|------|--------|---------|--------------------|
| PF | 6 | 3 | 3300 | 7 1/2 | 1 3/8 | 310PF06528S |
| | 8 | 3 | 4000 | 10 1/8 | 2 1/16 | 310PF08528S |
| | 10 | 3 | 4100 | 11 1/2 | 2 1/4 | 310PF10528S |
| | 12 | 3 | 4100 | 13 1/2 | 2 11/16 | 310PF12528S |
| 95 Shore A | | Standard Bearing: Precision Ball (28). | | | | |

Aubin Industries Swivel-EAZ® Crown Tread

| | | | | | | |
|-------------------|----|--|------|--------|---------|--------------------|
| EY | 6 | 3 | 2137 | 7 1/2 | 1 3/8 | 310EY06528S |
| | 8 | 3 | 3250 | 10 1/8 | 2 1/16 | 310EY08528S |
| | 10 | 3 | 3800 | 11 1/2 | 2 1/4 | 310EY10528S |
| | 12 | 3 | 4000 | 13 1/2 | 2 11/16 | 310EY12528S |
| 95 Shore A | | Standard Bearing: Precision Ball (28). Standard durometer 95 Shore A. Other durometers available. | | | | |

Aubin Industries Swivel-EAZ® Flat Tread

| | | | | | | |
|-------------------|----|--|------|--------|---------|--------------------|
| EZ | 6 | 3 | 2850 | 7 1/2 | 1 3/8 | 310EZ06528S |
| | 8 | 3 | 4000 | 10 1/8 | 2 1/16 | 310EZ08528S |
| | 10 | 3 | 4100 | 11 1/2 | 2 1/4 | 310EZ10528S |
| | 12 | 3 | 4100 | 13 1/2 | 2 11/16 | 310EZ12528S |
| 95 Shore A | | Standard Bearing: Precision Ball (28). Standard durometer 95 Shore A. Other durometers available. | | | | |

Polyurethane on Aluminum

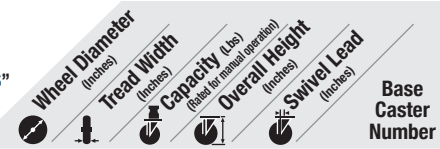
| | | | | | | |
|-------------------|----|---|------|--------|---------|--------------------|
| PD | 8 | 3 | 2520 | 10 1/8 | 2 1/16 | 310PD08501S |
| | 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 310PD10501S |
| | 12 | 3 | 3500 | 13 1/2 | 2 11/16 | 310PD12501S |
| 95 Shore A | | Standard Bearing: Roller (01). Optional Bearing: Tapered Roller (09); Change 01 above to 09. | | | | |

NYLON MODELS

Trionix™ High Impact Polymer

| | | | | | | |
|---------------|----|--|------|--------|---------|--------------------|
| NX | 6 | 3 | 4100 | 7 1/2 | 1 3/8 | 310NX06528S |
| | 8 | 3 | 4100 | 10 1/8 | 2 1/16 | 310NX08528S |
| | 10 | 3 | 4100 | 11 1/2 | 2 1/4 | 310NX10528S |
| | 12 | 3 | 4100 | 13 1/2 | 2 11/16 | 310NX12528S |
| | | Standard Bearing: Precision Ball (28). | | | | |

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



METAL MODELS

Drop Forged Steel

| | | | | | | |
|---------------|----|--|------|--------|--------|--------------------|
| FS | 6 | 3 | 4100 | 7 1/2 | 1 3/8 | 310FS06501S |
| | 8 | 3 | 4100 | 10 1/8 | 2 1/16 | 310FS08501S |
| | 10 | 3 | 4100 | 11 1/2 | 2 1/4 | 310FS10501S |
| | | Standard Bearing: Roller (01). Optional Bearings: Tapered Roller (09); Change 01 above to 09. | | | | |

Crowned Tread Ductile Iron

| | | | | | | |
|-------------------|----|---|------|--------|---------|--------------------|
| FR, VM | 6 | 3 | 4100 | 7 1/2 | 1 3/8 | 310FR06501S |
| | 8 | 3 | 4100 | 10 1/8 | 2 1/16 | 310FR08501S |
| | 10 | 3 | 4100 | 11 1/2 | 2 1/4 | 310FR10501S |
| | 12 | 3 | 4100 | 13 1/2 | 2 11/16 | 310FR12501S |
| | | Standard Bearing: Roller (01). Optional Bearings: Tapered Roller (09); Change 01 above to 09. V-Groove (VM) models available. Change FR wheel code to VM. Example: 310VM08501S. VM is not available in 12" diameter | | | | |

Cast Iron

| | | | | | | |
|---------------|----|--|------|--------|---------|--------------------|
| CA | 6 | 3 | 2800 | 7 1/2 | 1 3/8 | 310CA06501S |
| | 8 | 3 | 2800 | 10 1/8 | 2 1/16 | 310CA08501S |
| | 10 | 3 | 2800 | 11 1/2 | 2 1/4 | 310CA10501S |
| | 12 | 3 | 2800 | 13 1/2 | 2 11/16 | 310CA12501S |
| | | Standard Bearing: Roller (01). Optional Bearings: Tapered Roller (09); Change 01 above to 09. | | | | |

Drop Forged V-Grooved

| | | | | | | |
|---------------|----|--------------------------------|------|--------|--------|--------------------|
| VF | 8 | 3 | 4100 | 10 1/8 | 2 1/16 | 310VF08501S |
| | 10 | 3 | 4100 | 11 1/2 | 2 1/4 | 310VF10501S |
| | | Standard Bearing: Roller (01). | | | | |

V-Groove Cast Iron

| | | | | | | |
|---------------|----|--|------|--------|--------|--------------------|
| VG | 6 | 2 1/2 | 2500 | 7 1/2 | 1 3/8 | 310VG06401S |
| | 8 | 2 1/2 | 2500 | 10 1/8 | 2 1/16 | 310VG08401S |
| | 8 | 3 | 2500 | 10 1/8 | 2 1/16 | 310VG08501S |
| | 10 | 3 | 3500 | 11 1/2 | 2 1/4 | 310VG10501S |
| | | Standard Bearing: Roller (01). Optional Bearings: Tapered Roller (09); Change 01 above to 09. | | | | |

PHENOLIC MODELS

Phenolic

| | | | | | | |
|---------------|----|--|------|--------|---------|--------------------|
| TM | 6 | 3 | 2000 | 7 1/2 | 1 3/8 | 310TM06501S |
| | 8 | 3 | 2500 | 10 1/8 | 2 1/16 | 310TM08501S |
| | 10 | 3 | 2900 | 11 1/2 | 2 1/4 | 310TM10501S |
| | 12 | 3 | 3500 | 13 1/2 | 2 11/16 | 310TM12501S |
| | | Standard Bearing: Roller (01). Optional Bearings: Tapered Roller (09); Change 01 above to 09. | | | | |

Selecting The Right Heavy Duty Wheel For Your Application



- PY PX**
- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater capacity



- PD**
- Aluminum core provides improved corrosion resistance
- Lighter weight than heavy cast iron cores



- AZ PF EY EZ**
- High capacity formulation
- Excellent ergonomic performance
- Standard precision ball bearing



- NX**
- High capacity and impact strength
- Best steel wheel replacement for added floor protection

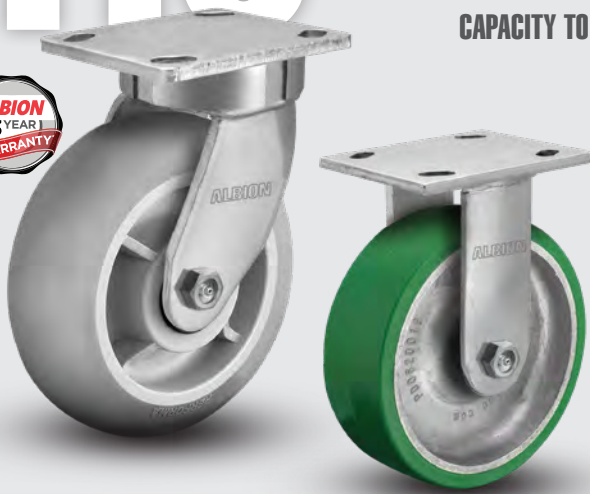


- TM**
- High load capacities
- Impact resistant
- Economical
- High-temp options

110

Kingpinless Casters

CAPACITY TO 2000

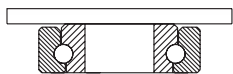


Precision raceways and fully heat treated construction make the 110 Series the ideal solution for applications exposed to rugged conditions or high amounts of impact and shock. More durable than competitors' case or induction hardened construction, and longer lasting than conventional kingpin designs.

TYPICAL APPLICATIONS

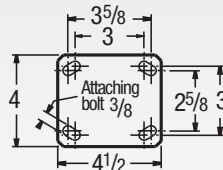
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

SWIVEL CROSS SECTION

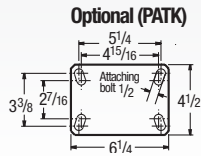


Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

MOUNTING OPTIONS Standard Plate



Special Order Plate



Consult factory for additional mounting options



Premium Quality



Towing ^



Ergonomic

FEATURES

- 3 Year warranty
- **Top Plate:** 5/16" AISI 1045 steel welded and heat treated for longer life
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on precision ball models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



Straight Roller (01) Precision Ball (28)
Consult factory for additional bearing options.

TOE GUARD

Specify **TO** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

STAINLESS STEEL OPTION

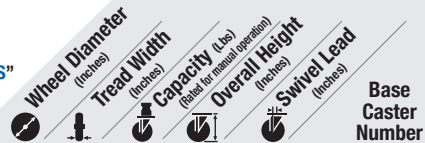


See 120 Series on page 42-43

RIG OPTIONS

- **Optional swivel leads** of 2-1/4" for 6" casters and 3-1/2" for 8" casters. Only available in 6" with 7-1/2" overall heights and 8" and 10-1/8" overall heights. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

| PM | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Based on manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 5 | 2 | 1000 | 6 1/2 | 13/8 | 110PM05228S |
| | 6 | 2 | 1250 | 7 1/2 | 19/16 | 110PM06228S |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 110PM08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 110PM08228S |

Standard Bearing: Precision Ball (28).
95 Shore A

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Based on manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110AX04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110AX05228S |
| | 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 110AX06228S |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 110AX08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 110AX08228S |

85 Shore A
Learn more at right
Standard Bearing: Precision Ball (28) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Based on manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110AN04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110AN05228S |
| | 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 110AN06228S |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 110AN08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 110AN08228S |

85 Shore A
Learn more at right
Standard Bearing: Precision Ball (28) with new patent pending top hats.

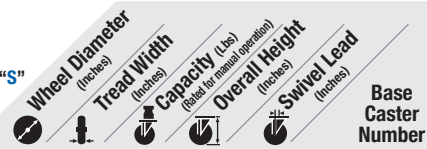
Drive lasting results with
CG-MAX EFFICIENCY WHEEL™

See wheel section for more information or ...

Visit albioncasters.com/CG-MAX for additional information and CAD models.




Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.




POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

| | | | | | | | |
|---|--------|---|---|------|--------|--------|-------------------------|
|  | PM 80A | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110PM05228S80A |
| | | 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 110PM06228S80A |
| | | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 110PM08228S0180A |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 110PM08228S80A |


80 Shore A Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Aubin Industries Swivel-EAZ® Dual Round Tread

| | | | | | | | |
|---|----|---|---|------|--------|--------|----------------------|
|  | EY | 4 | 2 | 675 | 5 5/8 | 1 3/16 | 110EY04228S |
| | | 5 | 2 | 900 | 6 1/2 | 1 3/8 | 110EY05228S |
| | | 6 | 2 | 1425 | 7 1/2 | 1 9/16 | 110EY06228S |
| | | 8 | 2 | 2000 | 9 1/2 | 2 1/4 | 110EY08228S01 |
| | | 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 110EY08228S |


Standard Bearing: Precision Ball (28).

Aubin Industries Swivel-EAZ® Dual Crowned Tread

| | | | | | | | |
|---|----|---|---|------|--------|--------|----------------------|
|  | EZ | 4 | 2 | 900 | 5 5/8 | 1 3/16 | 110EZ04228S |
| | | 5 | 2 | 1400 | 6 1/2 | 1 3/8 | 110EZ05228S |
| | | 6 | 2 | 1900 | 7 1/2 | 1 9/16 | 110EZ06228S |
| | | 8 | 2 | 2000 | 9 1/2 | 2 1/4 | 110EZ08228S01 |
| | | 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 110EZ08228S |


Standard Bearing: Precision Ball (28).

Green Polyurethane Crowned Tread on Aluminum

| | | | | | | | |
|--|----|---|---|------|--------|--------|----------------------|
|  | PD | 4 | 2 | 700 | 5 5/8 | 1 3/16 | 110PD04201S |
| | | 5 | 2 | 1050 | 6 1/2 | 1 3/8 | 110PD05201S |
| | | 6 | 2 | 1230 | 7 1/2 | 1 9/16 | 110PD06201S |
| | | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 110PD08201S01 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 110PD08201S |


Standard Bearing: Roller (01).

Yellow Polyurethane Tread on Heavy Duty Iron

| | | | | | | | |
|---|----|---|---|------|--------|--------|----------------------|
|  | PF | 6 | 2 | 2000 | 7 1/2 | 1 9/16 | 110PF06228S |
| | | 8 | 2 | 2000 | 9 1/2 | 2 1/4 | 110PF08228S01 |
| | | 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 110PF08228S |


95 Shore A Standard Bearing: Precision Ball (28).

Endura Solid Elastomer Polyurethane

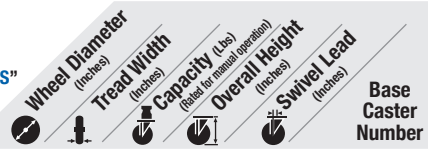
| | | | | | | | |
|---|----|---|---|------|--------|--------|----------------------|
|  | SE | 4 | 2 | 1000 | 5 5/8 | 1 3/16 | 110SE04228S |
| | | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110SE05228S |
| | | 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110SE06228S |
| | | 8 | 2 | 1200 | 9 1/2 | 2 1/4 | 110SE08228S01 |
| | | 8 | 2 | 1200 | 10 1/8 | 2 1/4 | 110SE08228S |

Standard Bearing: Precision Ball (28).

Hi-Tech Antimicrobial Polyurethane on Polypropylene


| | | | | | | | |
|---|----|---|---|------|--------|--------|----------------------|
|  | XA | 4 | 2 | 720 | 5 5/8 | 1 3/16 | 110XA04229S |
| | | 5 | 2 | 900 | 6 1/2 | 1 3/8 | 110XA05229S |
| | | 6 | 2 | 1100 | 7 1/2 | 1 9/16 | 110XA06229S |
| | | 8 | 2 | 1200 | 9 1/2 | 2 1/4 | 110XA08229S01 |
| | | 8 | 2 | 1200 | 10 1/8 | 2 1/4 | 110XA08229S |

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.




NYLON MODELS

Trionix™ High Impact Polymer

| | | | | | | | |
|--|----|---|---|------|--------|--------|----------------------|
|  | NX | 4 | 2 | 2000 | 5 5/8 | 1 3/16 | 110NX04228S |
| | | 5 | 2 | 2000 | 6 1/2 | 1 3/8 | 110NX05228S |
| | | 6 | 2 | 2000 | 7 1/2 | 1 9/16 | 110NX06228S |
| | | 8 | 2 | 2000 | 9 1/2 | 2 1/4 | 110NX08228S01 |
| | | 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 110NX08228S |


Standard Bearing: Precision Ball (28).

High Temp Glass Filled Nylon

| | | | | | | | |
|--|----|---|---|------|--------|--------|----------------------|
|  | HT | 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110HT04201S |
| | | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110HT05201S |
| | | 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110HT06201S |
| | | 8 | 2 | 1400 | 9 1/2 | 2 1/4 | 110HT08201S01 |
| | | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110HT08201S |

Standard Bearing: Roller (01).
Optional Bearing: Plain Bore (41). Change 01 above to bearing code.


Heavy Duty Glass Filled Nylon

| | | | | | | | |
|--|----|---|---|------|--------|--------|----------------------|
|  | DT | 4 | 2 | 1000 | 5 5/8 | 1 3/16 | 110DT04228S |
| | | 5 | 2 | 1200 | 6 1/2 | 1 3/8 | 110DT05228S |
| | | 6 | 2 | 1400 | 7 1/2 | 1 9/16 | 110DT06228S |
| | | 8 | 2 | 1600 | 9 1/2 | 2 1/4 | 110DT08228S01 |
| | | 8 | 2 | 1600 | 10 1/8 | 2 1/4 | 110DT08228S |

Standard Bearing: Precision Ball (28).

METAL MODELS

Ductile Iron Crowned Tread

| | | | | | | | |
|---|----|---|---|------|--------|--------|----------------------|
|  | FR | 5 | 2 | 1500 | 6 1/2 | 1 3/8 | 110FR05201S |
| | | 6 | 2 | 2000 | 7 1/2 | 1 9/16 | 110FR06201S |
| | | 8 | 2 | 2000 | 9 1/2 | 2 1/4 | 110FR08201S01 |
| | | 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 110FR08201S |


Standard Bearing: Roller (01).
Optional Bearing: Precision Ball (28). Change 01 above to 28.

Cast Iron

| | | | | | | | |
|--|----|---|------|------|--------|--------|----------------------|
|  | CA | 4 | 17/8 | 1000 | 5 5/8 | 1 3/16 | 110CA04201S |
| | | 5 | 17/8 | 1300 | 6 1/2 | 1 3/8 | 110CA05201S |
| | | 6 | 17/8 | 1400 | 7 1/2 | 1 9/16 | 110CA06201S |
| | | 8 | 2 | 1800 | 9 1/2 | 2 1/4 | 110CA08201S01 |
| | | 8 | 2 | 1800 | 10 1/8 | 2 1/4 | 110CA08201S |

Standard Bearing: Roller (01).


V-Grooved Cast Iron

| | | | | | | | |
|--|----|---|---|------|-------|--------|--------------------|
|  | VG | 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110VG04201S |
| | | 5 | 2 | 800 | 6 1/2 | 1 3/8 | 110VG05201S |
| | | 6 | 2 | 1000 | 7 1/2 | 1 9/16 | 110VG06201S |

Standard Bearing: Roller (01).


RUBBER MODELS

Performa Flat Tread on Polypropylene

| | | | | | | | |
|--|----|---|---|-----|--------|--------|----------------------|
|  | XS | 4 | 2 | 400 | 5 5/8 | 1 3/16 | 110XS04228S |
| | | 5 | 2 | 500 | 6 1/2 | 1 3/8 | 110XS05228S |
| | | 6 | 2 | 600 | 7 1/2 | 1 9/16 | 110XS06228S |
| | | 8 | 2 | 675 | 9 1/2 | 2 1/4 | 110XS08228S01 |
| | | 8 | 2 | 675 | 10 1/8 | 2 1/4 | 110XS08228S |

Standard Bearing: Precision Ball (28).

Performa Round Tread on Polypropylene

| | | | | | | | |
|--|----|---|---|-----|--------|--------|----------------------|
|  | XR | 6 | 2 | 450 | 7 1/2 | 1 9/16 | 110XR06228S |
| | | 8 | 2 | 600 | 9 1/2 | 2 1/4 | 110XR08228S01 |
| | | 8 | 2 | 600 | 10 1/8 | 2 1/4 | 110XR08228S |

Standard Bearing: Precision Ball (28).

110 Series Wheel Selection Hints



Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, & strength
- Various durometers, thicknesses

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options

Metal tread

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options

Polypropylene

- Most economical
- Lightweight
- High-temp options

470

Economical Kingpinless Casters

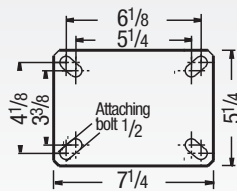
CAPACITY TO 3500



Ideal for customers on the border of exceeding 2" wide capacities or safety factors, or where a premium 3" wide caster may be overkill for the application or budget – the 370 and 470 Series is your tested, heavy-duty solution.

MOUNTING OPTION

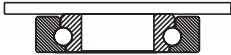
Standard Top Plate



TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION



Premium Quality



Towing[^]



Environmentally Friendly
(Consult factory)

FEATURES

- **Kingpinless construction:** Eliminates kingpin failure, and better handles shock/impact
- **Top Plate:** ANSI ICWM:2012 tested for capacities up to 3,500 lbs.
- **Legs:** Legs welded inside and outside for strength (both swivel & rigids)
- **Axle:** 3/4" diameter
- **Raceway:** Heat treated

ACCESSORIES



Hand operated field installable **Swivel Lock** order **SL4000000** separately

Face brake specify **FBB**

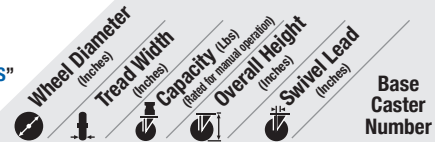
Example:
470PE08501SFBB



BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



METAL MODELS

Cast Iron

| CA | Wheel Diameter (inches) | Capacity (Lbs) | Tread Width (inches) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------|----------------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2800 | 8 | 27/32 | 470CA06501S |
| | 8 | 3 | 2800 | 10 1/2 | 2 15/16 | 470CA08501S |
| | 10 | 3 | 2800 | 12 1/2 | 3 3/8 | 470CA10501S |
| | 12 | 3 | 2800 | 15 1/2 | 4 5/16 | 470CA12501S |

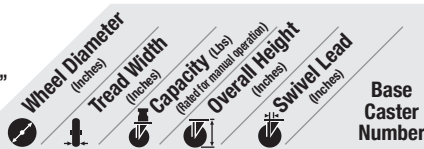
Standard Bearing: Roller (01).

V-Groove Cast Iron

| VG | Wheel Diameter (inches) | Capacity (Lbs) | Tread Width (inches) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------|----------------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2500 | 8 | 27/32 | 470VG06501S |
| | 8 | 3 | 2500 | 10 1/2 | 2 15/16 | 470VG08501S |
| | 10 | 3 | 3500 | 12 1/2 | 3 3/8 | 470VG10501S |

Standard Bearing: Roller (01).

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Yellow Polyurethane Tread on Heavy Duty Iron

| PF | Wheel Diameter (inches) | Capacity (Lbs) | Tread Width (inches) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------|----------------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2900 | 8 | 27/32 | 470PF06528S |
| | 8 | 3 | 3500 | 10 1/2 | 2 15/16 | 470PF08528S |
| | 10 | 3 | 3500 | 12 1/2 | 3 3/8 | 470PF10528S |
| | 12 | 3 | 3500 | 15 1/2 | 4 5/16 | 470PF12528S |

Standard Bearing: Precision Ball (28).

Green Economical Polyurethane Tread on Cast Iron

| PE | Wheel Diameter (inches) | Capacity (Lbs) | Tread Width (inches) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------|----------------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2000 | 8 | 27/32 | 470PE06501S |
| | 8 | 3 | 2500 | 10 1/2 | 2 15/16 | 470PE08501S |
| | 10 | 3 | 3000 | 12 1/2 | 3 3/8 | 470PE10501S |
| | 12 | 3 | 3500 | 15 1/2 | 4 5/16 | 470PE12501S |

Standard Bearing: Roller (01).

RUBBER MODELS

Moldon Rubber on Iron Core

| MR | Wheel Diameter (inches) | Capacity (Lbs) | Tread Width (inches) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------|----------------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 750 | 8 | 27/32 | 470MR06501S |
| | 8 | 3 | 900 | 10 1/2 | 2 15/16 | 470MR08501S |
| | 10 | 3 | 1000 | 12 1/2 | 3 3/8 | 470MR10501S |
| | 12 | 3 | 1200 | 15 1/2 | 4 5/16 | 470MR12501S |

Standard Bearing: Roller (01).

PHENOLIC MODELS

Phenolic

| TM | Wheel Diameter (inches) | Capacity (Lbs) | Tread Width (inches) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------|----------------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2000 | 8 | 27/32 | 470TM06501S |
| | 8 | 3 | 2500 | 10 1/2 | 2 15/16 | 470TM08501S |
| | 10 | 3 | 3000 | 12 1/2 | 3 3/8 | 470TM10501S |
| | 12 | 3 | 3500 | 15 1/2 | 4 5/16 | 470TM12501S |

Standard Bearing: Roller (01).

370

Economical Kingpinless Casters

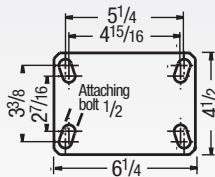
CAPACITY TO 3000



Ideal for customers on the border of exceeding 2" wide capacities or safety factors, or where a premium 3" wide caster may be overkill for the application or budget – the 370 and 470 Series is your tested, heavy-duty solution.

MOUNTING OPTION

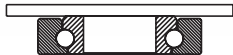
Standard Top Plate



TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Yellow Polyurethane Tread on Heavy Duty Iron

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| PF | 6 | 3 | 2900 | 7 1/2 | 1 3/8 | 370PF06528S |
| | 8 | 3 | 3000 | 10 1/8 | 2 1/16 | 370PF08528S |
| | 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 370PF10528S |
| | 12 | 3 | 3000 | 13 1/2 | 2 11/16 | 370PF12528S |

Standard Bearing: Precision Ball (28).

Green Economical Polyurethane Tread on Cast Iron

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| PE | 6 | 3 | 2000 | 7 1/2 | 1 3/8 | 370PE06501S |
| | 8 | 3 | 2500 | 10 1/8 | 2 1/16 | 370PE08501S |
| | 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 370PE10501S |
| | 12 | 3 | 3000 | 13 1/2 | 2 11/16 | 370PE12501S |

Standard Bearing: Roller (01).



FEATURES

- **Kingpinless construction:** Eliminates kingpin failure, and better handles shock/impact
- **Top Plate:** ANSI ICWM:2012 tested for capacities up to 3,000 lbs.
- **Legs:** Legs welded inside and outside for strength (both swivel & rigids)
- **Axle:** 3/4" diameter
- **Raceway:** Heat treated

ACCESSORIES



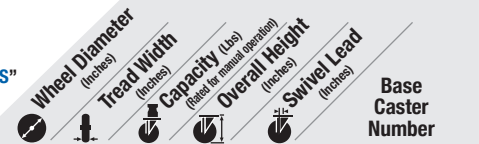
Face brake specify **FBB**
Example:
370PE08501SFBB



BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



METAL MODELS

Cast Iron

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| CA | 6 | 3 | 2800 | 7 1/2 | 1 3/8 | 370CA06501S |
| | 8 | 3 | 2800 | 10 1/8 | 2 1/16 | 370CA08501S |
| | 10 | 3 | 2800 | 11 1/2 | 2 1/4 | 370CA10501S |
| | 12 | 3 | 2800 | 13 1/2 | 2 11/16 | 370CA12501S |

Standard Bearing: Roller (01).

V-Groove Cast Iron

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| VG | 6 | 3 | 2500 | 7 1/2 | 1 3/8 | 370VG06501S |
| | 8 | 3 | 2500 | 10 1/8 | 2 1/16 | 370VG08501S |
| | 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 370VG10501S |

Standard Bearing: Roller (01).

RUBBER MODELS

Moldon Rubber on Iron Core

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| MR | 6 | 3 | 750 | 7 1/2 | 1 3/8 | 370MR06501S |
| | 8 | 3 | 900 | 10 1/8 | 2 1/16 | 370MR08501S |
| | 10 | 3 | 1000 | 11 1/2 | 2 1/4 | 370MR10501S |
| | 12 | 3 | 1200 | 13 1/2 | 2 11/16 | 370MR12501S |

Standard Bearing: Roller (01).

PHENOLIC MODELS

Phenolic

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| TM | 6 | 3 | 2000 | 7 1/2 | 1 3/8 | 370TM06501S |
| | 8 | 3 | 2500 | 10 1/8 | 2 1/16 | 370TM08501S |
| | 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 370TM10501S |
| | 12 | 3 | 3000 | 13 1/2 | 2 11/16 | 370TM12501S |

Standard Bearing: Roller (01).

470/370 SERIES • CAPACITY TO 3500

HEAVY DUTY KINGPINLESS

170

Economical Kingpinless Casters

CAPACITY TO 1500



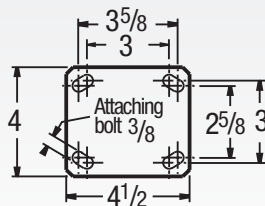
One year standard warranty. Ideal for economical applications where kingpin casters will not simply hold up to shock or impact. Also review our 110 Series for even higher load capacities and a 3-year warranty.

TYPICAL APPLICATIONS

- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION



Economical



Ergonomic



Towing[^]

FEATURES

- **Top Plate:** 1/4" AISI 1045 steel
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings are mounted in a precision machined 2-3/8" diameter raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, precision ball, and Oilx models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



STAINLESS STEEL OPTION

See 120 Series



RIG OPTIONS

- **Optional swivel leads** of 3-1/2" for 8 x 2 with 9-1/2" or 10-1/8" overall heights casters. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.

ACCESSORIES

To order, add brake code below to end of model. Example: 170XS06201SCB170

Cam brake specify **CB170**



Face brake specify **FBC** (Not compatible with swivel lock on 4" and 5" sizes)

Face brake specify **FBK**



Swivel Lock
Hand operated field installable swivel lock order **SL16000013A** separately

Foot operated field installable **swivel lock** order **SL160002** separately



Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

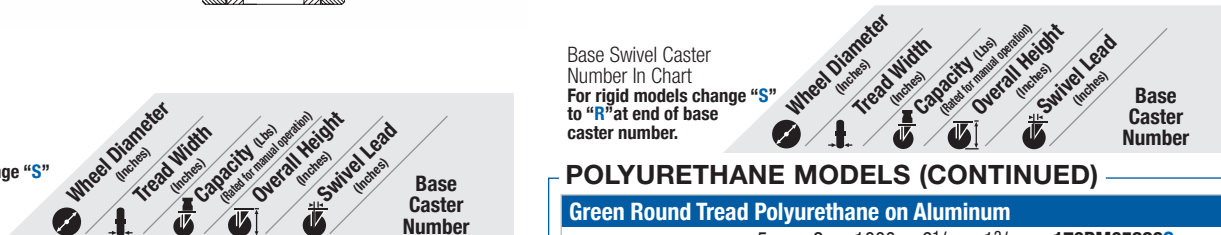


See wheel section for more information or ...

Visit albioncasters.com/CG-MAX for additional information and CAD models.

Base Swivel Caster Number In Chart

For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Rated for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|
| | 4 | 2 | 800 | 5 5/8 | 1 3/16 | 170AX04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 170AX05228S |
| | 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 170AX06228S |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 170AX08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 170AX08228S |

85 Shore A Standard Bearing: Precision Ball (28) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Rated for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|
| | 4 | 2 | 800 | 5 5/8 | 1 3/16 | 170AN04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 170AN05228S |
| | 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 170AN06228S |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 170AN08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 170AN08228S |

85 Shore A Standard Bearing: Precision Ball (28) with new patent pending top hats.

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

| PM | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Rated for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|
| | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 170PM05228S |
| | 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 170PM06228S |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 170PM08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 170PM08228S |

95 Shore A Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

| PM 80A | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Rated for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|--------|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|
| | 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 170PM05228S80A |
| | 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 170PM06228S80A |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 170PM08228S0180A |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 170PM08228S80A |

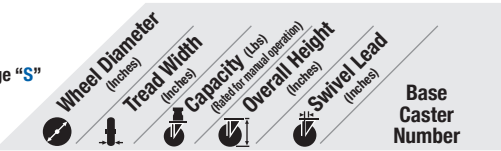
80 Shore A Standard Bearing: Precision Ball (28). To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) (Rated for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|---|-------------------------|----------------------|--------------------|
| | 6 | 2 | 1500 | 7 1/2 | 1 9/16 | 170PF06228S |
| | 8 | 2 | 1500 | 9 1/2 | 2 1/4 | 170PF08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 170PF08228S |

95 Shore A Standard Bearing: Precision Ball (28).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

| Endura Solid Elastomer Polyurethane | | | | | | | |
|-------------------------------------|--|---|---|------|--------------------------------|--------------------------------|---------------|
| SE | | 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170SE04228S |
| | | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 170SE05228S |
| | | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170SE06228S |
| | | 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170SE08228S01 |
| | | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170SE08228S |

Standard Bearing: Precision Ball (28).

| Hi-Tech Antimicrobial Polyurethane on Polypropylene | | | | | | | |
|---|--|---|---|------|--------------------------------|--------------------------------|---------------|
| XA | | 4 | 2 | 720 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170XA04201S |
| | | 5 | 2 | 900 | 6 ¹ / ₂ | 1 ³ / ₈ | 170XA05201S |
| | | 6 | 2 | 1100 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170XA06201S |
| | | 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170XA08201S01 |
| | | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170XA08201S |

Standard Bearing: Roller (01).

| Hi-Tech Polyurethane on Polypropylene (Maroon) | | | | | | | |
|--|--|---|---|------|--------------------------------|--------------------------------|---------------|
| XM | | 4 | 2 | 720 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170XM04201S |
| | | 5 | 2 | 900 | 6 ¹ / ₂ | 1 ³ / ₈ | 170XM05201S |
| | | 6 | 2 | 1100 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170XM06201S |
| | | 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170XM08201S01 |
| | | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170XM08201S |

Standard Bearing: Roller (01).

NYLON MODELS

| Maxim® Nylon Glass | | | | | | | |
|--------------------|--|---|---|------|--------------------------------|--------------------------------|---------------|
| NG | | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170NG04201S |
| | | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 170NG05201S |
| | | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170NG06201S |
| | | 8 | 2 | 1400 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170NG08201S01 |
| | | 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170NG08201S |

Standard Bearing: Roller (01).

METAL MODELS

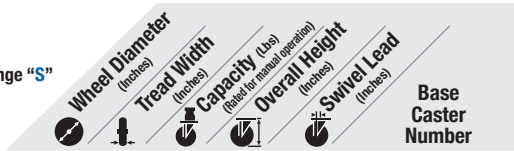
| Cast Iron | | | | | | | |
|-----------|--|---|---|------|--------------------------------|--------------------------------|---------------|
| CA | | 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170CA04201S |
| | | 5 | 2 | 1300 | 6 ¹ / ₂ | 1 ³ / ₈ | 170CA05201S |
| | | 6 | 2 | 1400 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170CA06201S |
| | | 8 | 2 | 1500 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170CA08201S01 |
| | | 8 | 2 | 1500 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170CA08201S |

Standard Bearing: Roller (01).

| V-Groove Cast Iron | | | | | | | |
|--------------------|--|---|---|------|-------------------------------|--------------------------------|-------------|
| VG | | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170VG04201S |
| | | 5 | 2 | 800 | 6 ¹ / ₂ | 1 ³ / ₈ | 170VG05201S |
| | | 6 | 2 | 1000 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170VG06201S |

Standard Bearing: Roller (01).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



RUBBER MODELS

| Performa Flat Tread on Polypropylene | | | | | | | |
|--------------------------------------|--|---|---|-----|--------------------------------|--------------------------------|---------------|
| XS | | 4 | 2 | 400 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170XS04201S |
| | | 5 | 2 | 500 | 6 ¹ / ₂ | 1 ³ / ₈ | 170XS05201S |
| | | 6 | 2 | 600 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170XS06201S |
| | | 8 | 2 | 675 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170XS08201S01 |
| | | 8 | 2 | 675 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170XS08201S |

Standard Bearing: Roller (01).
Optional Bearing: Precision Ball (28); change 01 above to 28.

| Performa Round Tread on Polypropylene | | | | | | | |
|---------------------------------------|--|---|---|-----|--------------------------------|--------------------------------|---------------|
| XR | | 6 | 2 | 450 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170XR06201S |
| | | 8 | 2 | 600 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170XR08201S01 |
| | | 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170XR08201S |

Standard Bearing: Roller (01).
Optional Bearing: Precision Ball (28); change 01 above to 28.

| Moldon Rubber on Cast Iron | | | | | | | |
|----------------------------|--|---|---|-----|--------------------------------|--------------------------------|---------------|
| MR | | 4 | 2 | 300 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170MR04201S |
| | | 5 | 2 | 450 | 6 ¹ / ₂ | 1 ³ / ₈ | 170MR05201S |
| | | 6 | 2 | 500 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170MR06201S |
| | | 8 | 2 | 600 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170MR08201S01 |
| | | 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170MR08201S |

Standard Bearing: Roller (01).

PNEUMATIC STYLE MODELS

| Monoprene Semi-Pneumatic | | | | | | | |
|--------------------------|--|---|---|-----|--------------------------------|--------------------------------|---------------|
| SZ | | 6 | 2 | 250 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170SZ06228S |
| | | 8 | 2 | 280 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170SZ08228S01 |
| | | 8 | 2 | 280 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170SZ08228S |

Standard Bearing: Precision Ball (28).
For grey tread specify "SV" wheel code (example 170SV05228S).

PHENOLIC MODELS

| Phenolic | | | | | | | |
|----------|--|---|---|------|--------------------------------|--------------------------------|---------------|
| TM | | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170TM04201S |
| | | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 170TM05201S |
| | | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170TM06201S |
| | | 8 | 2 | 1400 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170TM08201S01 |
| | | 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170TM08201S |

Standard Bearing: Roller (01).

POLYPROPYLENE MODELS

| Glass Filled Polypropylene | | | | | | | |
|----------------------------|--|---|---|------|--------------------------------|--------------------------------|---------------|
| RT | | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 170RT04201S |
| | | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 170RT05201S |
| | | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 170RT06201S |
| | | 8 | 2 | 1400 | 9 ¹ / ₂ | 2 ¹ / ₄ | 170RT08201S01 |
| | | 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 170RT08201S |

Standard Bearing: Roller (01).

170 Series Wheel Selection Hints

Polyurethane

- Excellent multi-purpose
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options

Metal tread

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options

Polypropylene

- Most economical
- Lightweight
- High-temp options

170 SERIES • CAPACITY TO 1500

HEAVY DUTY KINGPINLESS

STAINLESS STEEL CASTERS

CAPACITY RANGE 600-3000 LBS



Common Applications:

- Food Processing/
Manufacturing
- Food Service
- Pharmaceuticals
- Laboratory
- Clean Room
- Hospital
- Bakery Dough Troughs
- Marine



330 Series

Kingpinless Polished Stainless Steel Casters



120 Series

Kingpinless Polished Stainless Steel Casters

Stainless Steel Kingpinless Casters



330 Kingpinless Page
Capacity to 3000 41



120 Series Kingpinless
Capacity to 1200 42-43

Albion offers the leading lineup of Stainless Kingpinless casters... handling even your toughest jobs.



KINGPINLESS STAINLESS STEEL CASTERS

- Premium 304 type stainless steel plates and legs
- Premium 316 type stainless swivel section/yoke base for even greater strength and corrosion protection
- Kingpinless design is a proven workhorse for the most abusive applications
- See pages 40-43

330

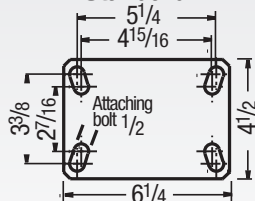
Kingpinless Premium Stainless Steel

CAPACITY TO 3000



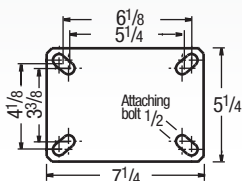
For your heaviest duty applications, the 330 Series features a thick precision machined premium grade 316 stainless swivel section and 304 stainless steel rig—both highly polished. Ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments, or any other corrosive agents which could cause rust.

MOUNTING OPTIONS Standard Plate



Special Order Plate

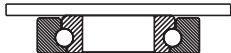
Optional (PATP)



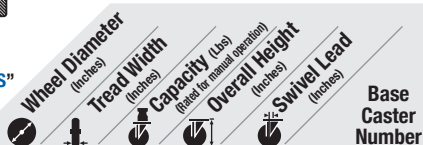
TYPICAL APPLICATIONS

- Food Processing
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Hospital Waste Management
- Marine
- Dollies

SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Polyurethane on Aluminum (01 Stainless Steel Roller Bearing)*

| PD | 8 | 3 | 2520 | 10 ¹ / ₈ | 2 ¹ / ₁₆ | 330PD08501S |
|----|----|---|------|--------------------------------|---------------------------------|-------------|
| | 10 | 3 | 3000 | 11 ¹ / ₂ | 2 ¹ / ₄ | 330PD10501S |
| | 12 | 3 | 3000 | 13 ¹ / ₂ | 2 ¹¹ / ₁₆ | 330PD12501S |



Standard Bearing: Roller (01).
Optional bearings: Stainless Steel Precision Ball (28); change 01 to 28.



Stainless Steel



Premium Quality



Ergonomic



Environmentally Friendly
(Consult factory)



Towing[^]

FEATURES

- **Top Plate:** 5/16" 304 stainless steel welded inside and out to 316 stainless steel raceway for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched 316 stainless steel
- **Legs:** 304 stainless steel welded inside and out
- **Axle:** 3/4" diameter
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

ACCESSORIES

To order, add brake code below to end of model. Example: 330PD08501P



Poly Cam Integrated Brake
specify P

Hand operated field installable **Swivel Lock** order **SL3300000** separately



BEARING OPTIONS



Stainless Steel Roller (01)

Stainless Precision Ball (28)

Stainless Pedestal Precision Ball (29)

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



NYLON MODELS

Trionix™ High Impact Polymer (28 Stainless Steel Precision Ball Bearing)

| NX | 6 | 3 | 3000 | 7 ¹ / ₂ | 1 ³ / ₈ | 330NX06528S |
|----|--|---|------|--------------------------------|---------------------------------|-------------|
| | 8 <td>3 <td>3000</td> <td>10¹/₈</td> <td>2¹/₁₆</td> <td>330NX08528S</td> </td> | 3 <td>3000</td> <td>10¹/₈</td> <td>2¹/₁₆</td> <td>330NX08528S</td> | 3000 | 10 ¹ / ₈ | 2 ¹ / ₁₆ | 330NX08528S |
| | 10 <td>3 <td>3000</td> <td>11¹/₂</td> <td>2¹/₄</td> <td>330NX10528S</td> </td> | 3 <td>3000</td> <td>11¹/₂</td> <td>2¹/₄</td> <td>330NX10528S</td> | 3000 | 11 ¹ / ₂ | 2 ¹ / ₄ | 330NX10528S |
| | 12 <td>3 <td>3000</td> <td>13¹/₂</td> <td>2¹¹/₁₆</td> <td>330NX12528S</td> </td> | 3 <td>3000</td> <td>13¹/₂</td> <td>2¹¹/₁₆</td> <td>330NX12528S</td> | 3000 | 13 ¹ / ₂ | 2 ¹¹ / ₁₆ | 330NX12528S |



Standard Bearing: Precision Ball (28).

PHENOLIC MODELS

Heat Resistant Phenolic (01 Stainless Steel Roller Bearing)*

| TR | 6 | 3 | 1700 | 7 ¹ / ₂ | 1 ³ / ₈ | 330TR06501S |
|----|--|---|------|--------------------------------|---------------------------------|-------------|
| | 8 <td>3 <td>1900</td> <td>10¹/₈</td> <td>2¹/₁₆</td> <td>330TR08501S</td> </td> | 3 <td>1900</td> <td>10¹/₈</td> <td>2¹/₁₆</td> <td>330TR08501S</td> | 1900 | 10 ¹ / ₈ | 2 ¹ / ₁₆ | 330TR08501S |
| | 10 <td>3 <td>2400</td> <td>11¹/₂</td> <td>2¹/₄</td> <td>330TR10501S</td> </td> | 3 <td>2400</td> <td>11¹/₂</td> <td>2¹/₄</td> <td>330TR10501S</td> | 2400 | 11 ¹ / ₂ | 2 ¹ / ₄ | 330TR10501S |
| | 12 <td>3 <td>2600</td> <td>13¹/₂</td> <td>2¹¹/₁₆</td> <td>330TR12501S</td> </td> | 3 <td>2600</td> <td>13¹/₂</td> <td>2¹¹/₁₆</td> <td>330TR12501S</td> | 2600 | 13 ¹ / ₂ | 2 ¹¹ / ₁₆ | 330TR12501S |



Standard Bearing: Roller (01).
Optional bearings: Stainless Steel Precision Ball (28); change 01 to 28.

Laminated Phenolic (01 Stainless Steel Roller Bearing)*

| TL | 6 | 3 | 2800 | 7 ¹ / ₂ | 1 ³ / ₈ | 330TL06501S |
|----|--|---|------|--------------------------------|---------------------------------|-------------|
| | 8 <td>3 <td>3000</td> <td>10¹/₈</td> <td>2¹/₁₆</td> <td>330TL08501S</td> </td> | 3 <td>3000</td> <td>10¹/₈</td> <td>2¹/₁₆</td> <td>330TL08501S</td> | 3000 | 10 ¹ / ₈ | 2 ¹ / ₁₆ | 330TL08501S |
| | 10 <td>3 <td>3000</td> <td>11¹/₂</td> <td>2¹/₄</td> <td>330TL10501S</td> </td> | 3 <td>3000</td> <td>11¹/₂</td> <td>2¹/₄</td> <td>330TL10501S</td> | 3000 | 11 ¹ / ₂ | 2 ¹ / ₄ | 330TL10501S |
| | 12 <td>3 <td>3000</td> <td>13¹/₂</td> <td>2¹¹/₁₆</td> <td>330TL12501S</td> </td> | 3 <td>3000</td> <td>13¹/₂</td> <td>2¹¹/₁₆</td> <td>330TL12501S</td> | 3000 | 13 ¹ / ₂ | 2 ¹¹ / ₁₆ | 330TL12501S |



Standard Bearing: Roller (01).
Optional bearings: Stainless Steel Precision Ball (28); change 01 to 28.

330 SERIES • CAPACITY TO 3000

STAINLESS STEEL

Continue on next page >>

[^]Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

120

Kingpinless Stainless Steel

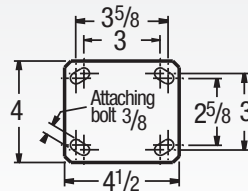
CAPACITY TO 1500



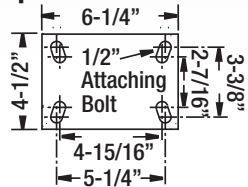
The 120 Series is constructed from 304 stainless steel and features a precision machined swivel section that is welded inside and outside to legs for maximum durability. The stainless construction is highly polished and ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments or any other corrosive agents that could cause rust.

MOUNTING OPTIONS

Standard Plate



Optional K Plate



K plates available on 6" & 8" models only

TYPICAL APPLICATIONS

- Food Processing
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Hospital Waste Management
- Marine
- Dollies

SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 5 | 2 | 800 | 6 1/2 | 13/8 | 120AX05228S |
|----|---|---|------|--------|-------|---------------|
| | 6 | 2 | 1000 | 7 1/2 | 19/16 | 120AX06228S |
| | 8 | 2 | 1250 | 9 1/2 | 2 1/4 | 120AX08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 120AX08228S |

Standard Bearing: Precision Ball (28).



Stainless Steel



Premium Quality



Ergonomic



Environmentally Friendly
(Consult factory)



Towing^

FEATURES

- **Top Plate:** Swivel 5/16" 304 stainless steel and welded construction for longer life. 1/4" rigid top plate
- **Yoke Base:** Notched 304 stainless steel welded inside and out
- **Legs:** 304 stainless welded inside and out
- **Swivel Section:** One row of 3/8" ball bearings mounted in a precision machined raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, and precision ball models)
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Overall height** of 10-1/8" available for 8" wheel diameter models; to specify, see caster charts below

ACCESSORIES

To order, add brake code below to end of model. Example: 120XS06201SFB

Face specify **FBD**



Face specify **FBG**

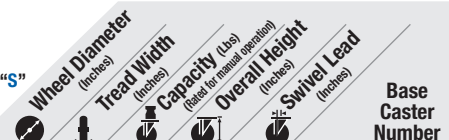
Hand operated field installable **Swivel Lock** order **SL1200000** separately



BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 5 | 2 | 800 | 6 1/2 | 13/8 | 120AN05228S |
|----|---|---|------|--------|-------|---------------|
| | 6 | 2 | 1000 | 7 1/2 | 19/16 | 120AN06228S |
| | 8 | 2 | 1250 | 9 1/2 | 2 1/4 | 120AN08228S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 120AN08228S |

Standard Bearing: Precision Ball (28).

K Solid Polyurethane

| KW | 5 | 2 | 700 | 6 1/2 | 13/8 | 120KW05229S |
|----|---|---|------|--------|-------|---------------|
| | 6 | 2 | 1000 | 7 1/2 | 19/16 | 120KW06229S |
| | 8 | 2 | 1200 | 9 1/2 | 2 1/4 | 120KW08229S01 |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 120KW08229S |

Standard Bearing: Precision Ball (28).

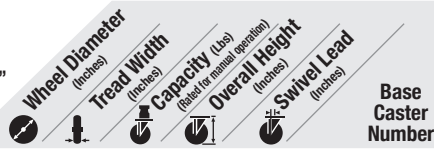
Green Polyurethane Crowned Tread on Aluminum

| PD | 4 | 2 | 700 | 5 5/8 | 13/16 | 120PD04201S |
|----|---|---|------|--------|-------|---------------|
| | 5 | 2 | 1050 | 6 1/2 | 13/8 | 120PD05201S |
| | 6 | 2 | 1230 | 7 1/2 | 19/16 | 120PD06201S |
| | 8 | 2 | 1400 | 9 1/2 | 2 1/4 | 120PD08201S01 |
| | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 120PD08201S |

Standard Bearing: Roller (01).
Optional bearings: Delrin (51); change 01 to 51.

120 Series Continued

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

Hi-Tech Antimicrobial Polyurethane on Polypropylene

| XA | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 4 | 2 | 720 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 120XA04201S |
| | 5 | 2 | 750 | 6 ¹ / ₂ | 1 ³ / ₈ | 120XA05201S |
| | 6 | 2 | 900 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120XA06201S |
| | 8 | 2 | 1100 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120XA08201S01 |
| | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120XA08201S |

Standard Bearing: Roller (01).
Optional bearings: Delrin (51); change 01 to 51.

NYLON MODELS

Maxim® Glass Filled Nylon

| NG | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 120NG04201S |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 120NG05201S |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120NG06201S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120NG08201S01 |
| | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120NG08201S |

Standard Bearing: Roller (01).
Optional bearings: Bronze (22), Annular Ball (31), Delrin (51) or Stainless Pedestal Precision Ball (29); change 01 above to optional bearing code.

High Temp Glass Filled Nylon

| HT | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 120HT04201S |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 120HT05201S |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120HT06201S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120HT08201S01 |
| | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120HT08201S |

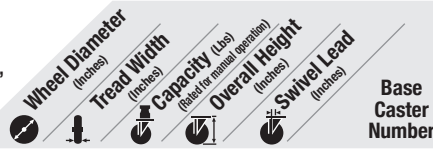
Standard Bearing: Roller (01).

White Nylon

| NW | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 4 | 2 | 900 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 120NW04201S |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 120NW05201S |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120NW06201S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120NW08201S01 |
| | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120NW08201S |

Standard Bearing: Roller (01).
Optional bearings: Delrin (51) or Plain Bore (00);
change 01 above to optional bearing code.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



RUBBER MODELS

Performa Flat Tread on Polypropylene

| XS | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 4 | 2 | 400 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 120XS04201S |
| | 5 | 2 | 500 | 6 ¹ / ₂ | 1 ³ / ₈ | 120XS05201S |
| | 6 | 2 | 600 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120XS06201S |
| | 8 | 2 | 675 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120XS08201S01 |
| | 8 | 2 | 675 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120XS08201S |

Standard Bearing: Roller (01).
Optional bearings: Delrin (51); change 01 to 51.

Performa Round Tread on Polypropylene

| XR | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 6 | 2 | 450 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120XR06201S |
| | 8 | 2 | 600 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120XR08201S01 |
| | 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120XR08201S |

Standard Bearing: Roller (01).
Optional bearings: Delrin (51); change 01 to 51.

POLYPROPYLENE MODELS

Glass Filled Polypropylene

| RT | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 120RT04201S |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 120RT05201S |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120RT06201S |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120RT08201S01 |
| | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120RT08201S |

Standard Bearing: Roller (01).

RETORT High Temp Polypropylene

| RW | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Model |
|----|-------------------------|----------------------|----------------|--------------------------------|--------------------------------|---------------|
| | 4 | 2 | 500 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 120RW04241S |
| | 5 | 2 | 650 | 6 ¹ / ₂ | 1 ³ / ₈ | 120RW05241S |
| | 6 | 2 | 700 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 120RW06241S |
| | 8 | 2 | 900 | 9 ¹ / ₂ | 2 ¹ / ₄ | 120RW08241S01 |
| | 8 | 2 | 900 | 10 ¹ / ₈ | 2 ¹ / ₄ | 120RW08241S |

Standard Bearing: Plain Bore (41).

120 Series Wheel Selection Hints



Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



Polypropylene

- Most economical
- Lightweight
- High-temp options

120 SERIES • CAPACITY TO 1500

STAINLESS STEEL

HEAVY DUTY FORGED KINGPINLESS CASTERS

CAPACITY RANGE 10000-20000 LBS



Common Applications:

- Conveyor-Drawn Tow-Trucks
- Heavy Duty Bakery Racks
- Production Dollies
- Heavy Duty Dough Troughs
- Body Dolly Carts
- Engine Dollies
- Material Carts
- Aircraft Maintenance Stands
- Aircraft Engine Stands

600 Shockmaster Series
Heavy Duty Kingpinless Caster



800 Shockmaster Series
Capacity to 20000 45



700 Shockmaster Series
Capacity to 20000 46-47



600 Shockmaster Series
Capacity to 10000 48-49

Premium and Specialty Heavy Duty Kingpinless Casters That May Interest You ...

STAINLESS STEEL CASTERS



If your heavy duty casters are exposed to cleaning agents, steam, water, caustic solutions or other agents that cause rust, switch to Stainless Steel to extend your caster life (pages 40-43).

KINGPINLESS SPRING LOADED CASTERS



If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and noise levels, see the Spring Loaded Section (pages 84-89).

8000

Shockmaster Kingpinless Dual Wheel Casters

CAPACITY TO 20000



This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. 850 Series are equally at home in many other extremely abusive and rugged applications.

TYPICAL APPLICATIONS

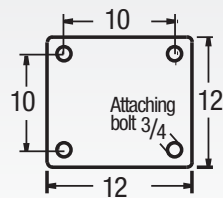
- Custom applications
- Towable transportation equipment
- Aircraft wing jacks and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

SWIVEL CROSS SECTION

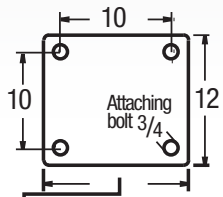


MOUNTING OPTION

Swivel Top Plate



Rigid Top Plate



- 10" for 3" Wide Wheels
- 15-3/8" for 4 to 5" Wide Wheels
- 17-1/4" for 6" Wide Wheels
- 23-1/4" for 9" Wide Wheels

WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!



Premium Quality



Environmentally Friendly
(Consult factory)



Towing^

FEATURES

- **Top Plate:** 3/4" thick AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- **Yoke Base:** AISI 1045 steel forging welded using 100,000 psi weld filler to 3/4" thick adapter plate
- **Swivel Section:** 7/8" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 3/4" thick through-hardened steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

BEARING OPTIONS



Tapered Roller (09)

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY850**
- Spring-loaded models available, consult factory. Single models available also

ACCESSORIES

Poly Cam Integrated Brake
specify **P**



PLB Integrated brake
specify **PLB**

Face Contact brake
specify **F**



Hand Operated Swivel Lock
specify **L**

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Type | Base Swivel Caster Number Bearing (09) |
|-------------------------|----------------------|---|-------------------------|----------------------|--------------------------|--|
| 6 | 3 | 17000 | 9 1/2 | 3 1/4 | HD Drop Forged | 800FH06509S |
| 10 | 4 | 20000 | 14 3/4 | 3 1/4 | HD Drop Forged | 800FH10709S |
| 12 | 4 | 4800 | 15 3/4 | 3 1/4 | Polyurethane/Iron Core | 800PY12709S |
| 12 | 4 | 5280 | 15 3/4 | 3 1/4 | Thick Tread Polyurethane | 800PX12709S |
| 12 | 5 | 6600 | 15 3/4 | 3 1/4 | Thick Tread Polyurethane | 800PX12809S |
| 12 | 6 | 7500 | 15 3/4 | 3 1/4 | Polyurethane/Aluminum | 800PA12909S |
| 16 | 5 | 7700 | 19 3/4 | 4 1/2 | Polyurethane/Iron Core | 800PY16809S |
| 18 | 5 | 8400 | 22 | 5 1/4 | Polyurethane/Iron Core | 800PY18809S |

850 dual wheel version also available

See page 77.



800 SERIES • CAPACITY TO 20000

HEAVY DUTY FORGED KINGPINLESS

700

Shockmaster™ Kingpinless Casters

CAPACITY TO 20000

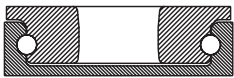


These super duty casters are built specifically for that potentially punishing application where reliability is essential. One-piece forging is precision machined and carefully constructed to deliver the utmost durability in handling shock and impact.

TYPICAL APPLICATIONS

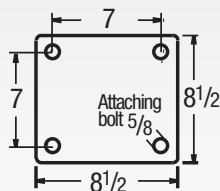
- Aircraft engine stands
- Ground support equipment
- Aerospace A-frame skin dollies
- Portable jigs
- Tooling fixtures
- Die carts
- Large platform work

SWIVEL CROSS SECTION



MOUNTING OPTION

Standard Top Plate



Premium Quality



Towing^



Environmentally Friendly (Consult factory)

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 1/2" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY700**
- Spring-loaded, dual wheel models available, consult factory

ACCESSORIES

To order, add brake code below to end of model. Example: 700PY08709SP

Poly Cam brake specify **P**



PLB Integrated brake specify **PLB**

Face Contact brake specify **F**



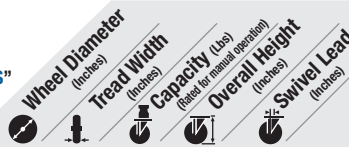
Hand operated field installable **Swivel Lock** order **SL7000000** separately with notched yoke option NY700; for optional plates consult factory



Tapered Roller (09)

BEARING OPTIONS

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Cast Iron

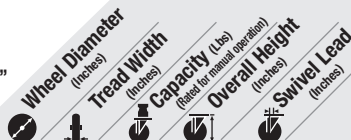
| PX | 8 | 4 | 3850 | 11 | 2 1/4 | 700PX08709S |
|----|----|---|------|--------|-------|-------------|
| | 10 | 4 | 4620 | 13 | 2 1/2 | 700PX10709S |
| | 10 | 5 | 5500 | 13 | 2 1/2 | 700PX10809S |
| | 12 | 4 | 5820 | 15 1/2 | 3 1/4 | 700PX12709S |
| | 12 | 5 | 6600 | 15 1/2 | 3 1/4 | 700PX12809S |
| | 16 | 4 | 6570 | 19 | 4 1/2 | 700PX16709S |
| | 16 | 5 | 8470 | 19 | 4 1/2 | 700PX16809S |



Standard Bearing: Tapered Roller (09).

Base Swivel Caster Number In Chart

For rigid models change "S" to "R" at end of base caster number.



Base Caster Number

POLYURETHANE MODELS

Polyurethane on Cast Iron

| PY | 8 | 4 | 3800 | 11 | 2 1/4 | 700PY08709S |
|----|----|---|------|--------|-------|-------------|
| | 10 | 4 | 4200 | 13 | 2 1/2 | 700PY10709S |
| | 10 | 5 | 5000 | 13 | 2 1/2 | 700PY10809S |
| | 12 | 4 | 4800 | 15 1/2 | 3 1/4 | 700PY12709S |
| | 12 | 5 | 6000 | 15 1/2 | 3 1/4 | 700PY12809S |
| | 16 | 4 | 5970 | 19 | 4 1/2 | 700PY16709S |
| | 16 | 5 | 7700 | 19 | 4 1/2 | 700PY16809S |



Standard Bearing: Tapered Roller (09).

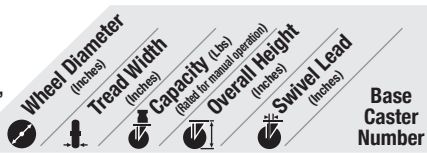
750 dual wheel version also available

See page 78.



Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



METAL MODELS

Drop Forged Steel

| | | | | | | | |
|----|--|----|---|-------|----|-------|-------------|
| FS | | 8 | 4 | 10000 | 11 | 2 1/4 | 700FS08709S |
| | | 10 | 4 | 10000 | 13 | 2 1/2 | 700FS10709S |

Standard Bearing: Tapered Roller (09).

Heavy Duty Drop Forged Steel

| | | | | | | | |
|----|--|----|---|-------|----|-------|-------------|
| FH | | 8 | 4 | 20000 | 11 | 2 1/4 | 700FH08709S |
| | | 10 | 4 | 20000 | 13 | 2 1/2 | 700FH10709S |

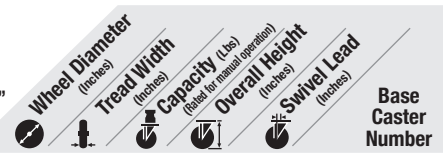
Standard Bearing: Tapered Roller (09).

Cast Iron

| | | | | | | | |
|----|--|----|---|------|----|-------|-------------|
| CA | | 8 | 4 | 4000 | 11 | 2 1/4 | 700CA08709S |
| | | 10 | 4 | 4000 | 13 | 2 1/2 | 700CA10709S |

Standard Bearing: Tapered Roller (09).

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



METAL MODELS (CONTINUED)

V-Grooved HD Drop Forged

| | | | | | | | |
|----|--|----|---|-------|----|-------|-------------|
| VH | | 8 | 4 | 15000 | 11 | 2 1/4 | 700VH08709S |
| | | 10 | 4 | 15000 | 13 | 2 1/2 | 700VH10709S |

Standard Bearing: Tapered Roller (09).

V-Grooved Drop Forged

| | | | | | | | |
|----|--|----|---|-------|----|-------|-------------|
| VF | | 8 | 4 | 10000 | 11 | 2 1/4 | 700VF08709S |
| | | 10 | 4 | 8350 | 13 | 2 1/2 | 700VF10709S |

Standard Bearing: Tapered Roller (09).

Selecting The Right Heavy Duty Wheel For Your Application



- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater capacity



- Highest load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

In addition to the Super Duty 700 Series... Albion has all your aviation needs covered

Air Cargo Section: see pages 100-102
Spring Loaded Section: see pages 84-94
Dual Wheel Section: see pages 71-83



600

Shockmaster™ Kingpinless Casters

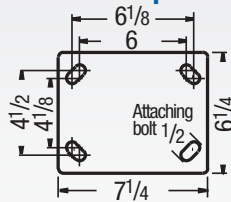
CAPACITY TO 10000



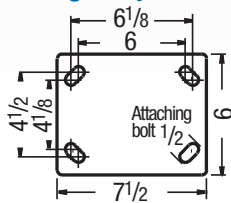
An added step up from the 610 (previous page), constructed of a one-piece forging for ultimate durability and strength. Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads would damage less rugged casters.

MOUNTING OPTIONS

Swivel Top Plate



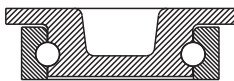
Rigid Top Plate



TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

SWIVEL CROSS SECTION



Premium Quality



Towing[^]



Environmentally Friendly
(Consult factory)

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-1/2" precision machined raceway. Zerk in swivel section
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory
- Notched yoke base for swivel locks specify **NY600**

ACCESSORIES

To order, add brake code below to end of model. Example: 600PY08509SP

Poly Cam brake
specify **P**



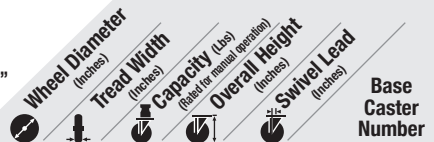
PLB Integrated brake
specify **PLB**

Face Contact brake
specify **F**



Hand operated field installable **Swivel Lock** order **SL6000000** separately with notched yoke option NY600; for optional plates consult factory

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Polyurethane on Cast Iron

| PY | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2200 | 8 1/2 | 2 1/2 | 600PY06509S |
| | 8 | 3 | 2600 | 10 1/2 | 2 1/2 | 600PY08509S |
| | 8 | 4 | 3800 | 10 1/2 | 2 1/2 | 600PY08709S |
| | 10 | 3 | 3100 | 12 1/2 | 2 1/2 | 600PY10509S |
| | 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 600PY10709S |
| | 12 | 3 | 3600 | 15 1/2 | 2 1/2 | 600PY12509S |
| | 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 600PY12709S |

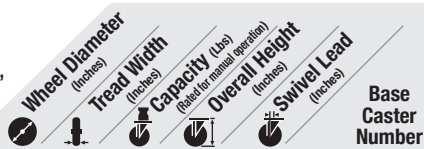
Standard Bearing: Tapered Roller (09).

Thick Tread Polyurethane on Cast Iron

| PX | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2450 | 8 1/2 | 2 1/2 | 600PX06509S |
| | 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 600PX08509S |
| | 8 | 4 | 3850 | 10 1/2 | 2 1/2 | 600PX08709S |
| | 10 | 3 | 3700 | 12 1/2 | 2 1/2 | 600PX10509S |
| | 10 | 4 | 4620 | 12 1/2 | 2 1/2 | 600PX10709S |
| | 12 | 3 | 4100 | 15 1/2 | 2 1/2 | 600PX12509S |
| | 12 | 4 | 5280 | 15 1/2 | 2 1/2 | 600PX12709S |

Standard Bearing: Tapered Roller (09).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 7200 | 8 1/2 | 2 1/2 | 600NX06528S |
| | 8 | 3 | 7200 | 10 1/2 | 2 1/2 | 600NX08528S |
| | 10 | 3 | 7200 | 12 1/2 | 2 1/2 | 600NX10528S |
| | 12 | 3 | 7200 | 15 1/2 | 2 1/2 | 600NX12528S |

Standard Bearing: Precision Ball (28).

METAL MODELS

Drop Forged Steel

| FS | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 10000 | 8 1/2 | 2 1/2 | 600FS06509S |
| | 8 | 3 | 5500 | 10 1/2 | 2 1/2 | 600FS08509S |
| | 10 | 3 | 6000 | 12 1/2 | 2 1/2 | 600FS10509S |
| | 10 | 4 | 10000 | 12 1/2 | 2 1/2 | 600FS10709S |

Standard Bearing: Tapered Roller (09).

Heavy Duty Drop Forged Steel

| FH | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 8 | 3 | 10000 | 10 1/2 | 2 1/2 | 600FH08509S |
| | 10 | 3 | 10000 | 12 1/2 | 2 1/2 | 600FH10509S |

Standard Bearing: Tapered Roller (09).

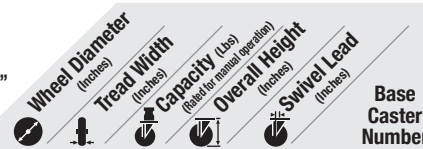
Crowned Tread Ductile Iron

| FR, VM | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|--------|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 600FR06509S |
| | 8 | 3 | 6000 | 10 1/2 | 2 1/2 | 600FR08509S |
| | 10 | 3 | 6000 | 12 1/2 | 2 1/2 | 600FR10509S |

Standard Bearing: Tapered Roller (09).

Ductile Iron Flat Tread V-Groove (VM) models available.
Change FR wheel code to VM. Example: 600VM08501S.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



METAL MODELS (CONTINUED)

Cast Iron

| CA | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2800 | 8 1/2 | 2 1/2 | 600CA06509S |
| | 8 | 3 | 2800 | 10 1/2 | 2 1/2 | 600CA08509S |
| | 8 | 4 | 4000 | 10 1/2 | 2 1/2 | 600CA08709S |
| | 10 | 3 | 2800 | 12 1/2 | 2 1/2 | 600CA10509S |
| | 10 | 4 | 4000 | 12 1/2 | 2 1/2 | 600CA10709S |
| | 12 | 3 | 2800 | 15 1/2 | 2 1/2 | 600CA12509S |

Standard Bearing: Tapered Roller (09).

Drop Forged V-Grooved

| VF | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------------|
| | 6 | 3 | 10000 | 8 1/2 | 2 1/2 | 600VF06509S |
| | 8 | 3 | 10000 | 10 1/2 | 2 1/2 | 600VF08509S |
| | 8 | 4 | 10000 | 10 1/2 | 2 1/2 | 600VF08709S |
| | 10 | 3 | 10000 | 12 1/2 | 2 1/2 | 600VF10709S |

Standard Bearing: Tapered Roller (09).

Selecting The Right Heavy Duty Wheel For Your Application



PY PX

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater capacity



NX

- High capacity and impact strength
- Best steel wheel replacement for added floor protection



FS/FH FR CA VF VG VM

- Highest load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

HEAVY DUTY KINGPIN CASTERS

CAPACITY RANGE 250-17000 LBS



95 Series

Super Duty Casters

Common Applications:

- Dollies
- Waste Disposal Trucks
- Shop Carts
- Floor Trucks
- Warehouse Trucks
- Distribution Cages and Carts

| | | |
|--|--------------------------|--------------|
|  | 95 Series TRL/BBL | Page |
| | Capacity to 17000 | 52-53 |

| | | |
|--|------------------------|--------------|
|  | 72 Series | Page |
| | Capacity to 1600 | 63-63 |

| | | |
|---|--------------------------|--------------|
|  | 94 Series TRL/BBL | Page |
| | Capacity to 10000 | 54-57 |

| | | |
|---|------------------------|--------------|
|  | 71 Series | Page |
| | Capacity to 1500 | 64-65 |

| | | |
|---|-----------------------------|--------------|
|  | 90 Series Heavy Duty | Page |
| | Capacity to 3500 | 58-59 |

| | | |
|---|------------------------|--------------|
|  | 62 Series | Page |
| | Capacity to 1500 | 66-67 |

| | | |
|---|------------------------|--------------|
|  | 81 Series | Page |
| | Capacity to 2000 | 60-61 |

| | | |
|---|------------------------|--------------|
|  | 16 Series | Page |
| | Capacity to 1250 | 68-70 |

Made in the USA

Premium and Specialty Medium Heavy Duty Casters That May Interest You ...

ERGONOMIC CASTERS



If you need the smoothest operation available in medium heavy duty casters see the Maintenance-Free Section (pages 19-25).

LONGER LASTING KINGPINLESS



If you need casters that will be impacted or shock-loaded ... or casters more suited for power-towed applications see the Heavy Duty Kingpinless Section (pages 26-39).

STAINLESS STEEL CASTERS



If you need casters where frequent washdowns are necessary, or if your casters may be exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion see the Stainless Steel Section (pages 40-43).

SPRING LOADED CASTERS



If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and reduced noise levels, see the Spring Loaded Section (pages 84-94).

A LEADER IN USA MADE CASTERS & ENGINEERED SOLUTIONS.

USA designed, manufactured, and tested to provide the highest quality and value for your caster needs. All featuring Albion's industry leading 3 year warranty.



Designed and Made in the USA.



Medium Heavy Duty

16 SERIES with XR WHEEL – Page 70



Ergonomic Precision

38 SERIES with CG-MAX AN WHEEL –Page 21

Heavy Duty Kingpinless

310 PLB BRAKE with THICK TREAD PX WHEEL – Page 32



Just look for this USA badge!



95

95 TRL Super Duty Casters (Tapered Thrust Swivel Section)

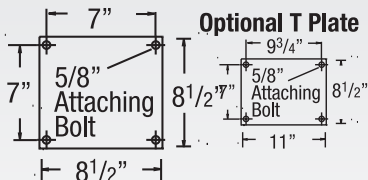
CAPACITY TO 17000



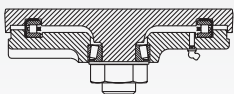
This popular caster series has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL"). Rigs are precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION



TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal application) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

| PY | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 8 | 4 | 3800 | 11 | 2 1/4 | 63 | 95PY08709STRL |
| | 10 | 4 | 4200 | 13 | 2 1/2 | 71 | 95PY10709STRL |
| | 10 | 5 | 5000 | 13 | 2 1/2 | 82 | 95PY10809STRL |
| | 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 76 1/4 | 95PY12709STRL |
| | 12 | 5 | 6000 | 15 1/2 | 2 1/2 | 90 | 95PY12809STRL |
| | 16 | 4 | 5970 | 19 | 3 | 111 1/2 | 95PY16709STRL |
| | 16 | 5 | 7700 | 19 | 3 | 126 1/4 | 95PY16809STRL |

Standard Bearing: Tapered Roller (09).

Thick Tread Polyurethane on Iron

| PX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 8 | 4 | 3850 | 11 | 2 1/4 | 63 | 95PX08709STRL |
| | 10 | 4 | 4620 | 13 | 2 1/2 | 71 | 95PX10709STRL |
| | 12 | 4 | 5280 | 15 1/2 | 2 1/2 | 76 1/4 | 95PX12709STRL |
| | 12 | 5 | 6600 | 15 1/2 | 2 1/2 | 90 | 95PX12809STRL |
| | 16 | 4 | 6570 | 19 | 3 | 111 1/2 | 95PX16709STRL |
| | 16 | 5 | 8000 | 19 | 3 | 126 1/4 | 95PX16809STRL |

Standard Bearing: Tapered Roller (09).

NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 7200 | 9 | 2 1/4 | 37 1/4 | 95NX06528STRL |
| | 8 | 3 | 7200 | 11 | 2 1/4 | 41 | 95NX08528STRL |
| | 10 | 3 | 7200 | 13 | 2 1/2 | 45 1/2 | 95NX10528STRL |

Standard Bearing: Precision Ball (28).



Premium Quality



Towing^



Environmentally Friendly (Consult factory)

FEATURES

- **Top Plate and Yoke Base:** 5/8" thick AISI 1045 drop-forged steel precision machined for bearings
- **Swivel Load Bearings:** 7" diameter machined raceway with a precision tapered roller bearing which is protected by a forged labyrinth skirt
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" steel plate formed for greater strength and welded to yoke base both inside and outside
- **King Bolt:** 1-1/4" integrally forged with top plate machined and threaded
- **Axle:** 1-1/4" solid axle and lock nut
- Alternate or custom caster configurations available

RIG OPTIONS

- **Sealed swivel** thrust bearing is sealed, upper raceway is not sealed. Consult factory if a upper seal is required. **NS95**

ACCESSORIES

To order, add brake code below to end of model. Example: 95PY08709STRLP

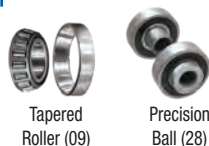
Poly Cam specify **P**

Face Contact specify **F**

Welded Swivel Lock specify **L**

Hand operated field installable **Swivel Lock** order **SL954600** separately (Yokes must be notched)

BEARING OPTIONS



Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal application) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|

METAL MODELS

Drop Forged Steel

| FS | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 6000 | 9 | 2 1/4 | 60 1/4 | 95FS06501STRL |
| | 6 | 3 | 10000 | 9 | 2 1/4 | 59 1/2 | 95FS06509STRL |
| | 8 | 4 | 8000 | 11 | 2 1/4 | 61 1/2 | 95FS08701STRL |
| | 8 | 4 | 10000 | 11 | 2 1/4 | 72 1/2 | 95FS08709STRL |
| | 10 | 3 | 6500 | 13 | 2 1/2 | 78 1/2 | 95FS10509STRL |
| | 10 | 4 | 8350 | 13 | 2 1/2 | 86 1/4 | 95FS10701STRL |
| | 10 | 4 | 10000 | 13 | 2 1/2 | 86 1/2 | 95FS10709STRL |

Standard Bearing: Roller (01) or Tapered Roller (09).

Large Bore Drop Forged Steel

| FH | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 17000 | 9 | 2 1/4 | 59 1/2 | 95FH06509STRL |
| | 8 | 4 | 17000 | 11 | 2 1/4 | 72 1/2 | 95FH08709STRL |
| | 10 | 3 | 6000 | 13 | 2 1/2 | 78 1/2 | 95FH10509STRL |
| | 10 | 4 | 17000 | 13 | 2 1/2 | 86 1/2 | 95FH10709STRL |

Standard Bearing: Tapered Roller (09).

Large Bore V-Groove Drop Forged Steel

| VH | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 10000 | 9 | 2 1/4 | 45 | 95VH06509STRL |
| | 8 | 4 | 15000 | 11 | 2 1/4 | 61 1/2 | 95VH08709STRL |
| | 10 | 4 | 15000 | 13 | 2 1/2 | 86 1/4 | 95VH10709STRL |

Standard Bearing: Tapered Roller (09).

PHENOLIC MODELS

Phenolic

| TM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 8 | 6* | 5000 | 11 | 2 1/2 | 54 1/2 | 95TM08909STRL |
| | 10 | 6* | 5800 | 13 | 2 1/2 | 54 | 95TM10909STRL |
| | 12 | 4 | 8000 | 15 1/2 | 2 1/2 | 67 1/2 | 95TM12709STRL |

Standard Bearing: Tapered Roller (09).

*2 wheels bolted together.

Laminated Phenolic

| TL | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Model Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 5 | 10000 | 9 | 2 1/4 | 46 | 95TL06809STRL |
| | 8 | 6* | 8000 | 11 | 2 1/2 | 54 | 95TL08909STRL |
| | 10 | 6* | 8000 | 13 | 2 1/2 | 61 1/4 | 95TL10909STRL |
| | 16 | 4 | 10000 | 19 | 3 | 79 3/4 | 95TL16709STRL |

Standard Bearing: Tapered Roller (09)

*2 wheels bolted together.

95

95 BBL Super Duty Casters (Ball Load Swivel)

CAPACITY TO 8000

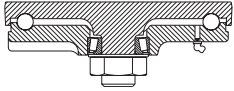


This popular caster series has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

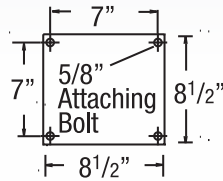
SWIVEL CROSS SECTION



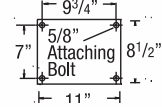
Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

MOUNTING OPTIONS Standard Plate



Special Order Plate Optional T Plate



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rigid for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| 6 | 3 | 7200 | 9 | 2 1/4 | 37 1/4 | 95NX06528SBBL |
| 8 | 3 | 7200 | 11 | 2 1/4 | 41 | 95NX08528SBBL |
| 10 | 3 | 7200 | 13 | 2 1/2 | 45 1/2 | 95NX10528SBBL |

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

| PY | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 10 | 4 | 4200 | 13 | 2 1/2 | 71 | 95PY10709SBBL |
| | 10 | 5 | 5000 | 13 | 2 1/2 | 82 | 95PY10809SBBL |
| | 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 76 1/4 | 95PY12709SBBL |
| | 12 | 5 | 6000 | 15 1/2 | 2 1/2 | 90 | 95PY12809SBBL |
| | 16 | 4 | 5970 | 19 | 3 | 111 1/2 | 95PY16709SBBL |
| | 16 | 5 | 7700 | 19 | 3 | 126 1/4 | 95PY16809SBBL |

Standard Bearing: Tapered Roller (09).

Thick Tread Polyurethane on Iron

| PX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 8 | 4 | 3850 | 11 | 2 1/4 | 63 | 95PX08709SBBL |
| | 10 | 4 | 4620 | 13 | 2 1/2 | 71 | 95PX10709SBBL |
| | 12 | 4 | 5280 | 15 1/2 | 2 1/2 | 76 1/4 | 95PX12709SBBL |
| | 12 | 5 | 6600 | 15 1/2 | 2 1/2 | 90 | 95PX12809SBBL |
| | 16 | 4 | 6570 | 19 | 3 | 111 1/2 | 95PX16709SBBL |
| | 16 | 5 | 8470 | 19 | 3 | 126 1/4 | 95PX16809SBBL |

Standard Bearing: Tapered Roller (09).



Premium Quality



Towing^



Environmentally Friendly (Consult factory)

FEATURES

- **Top Plate and Yoke Base:** 5/8" thick 1045 AISI drop-forged steel for extended use
- **Swivel Load Bearings:** 7" diameter machined and hardened raceway for smooth movement and extended wear
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" formed steel plate welded inside and out to yoke base
- **King Bolt:** Integrally forged with top plate
- **Axle:** 1-1/4" solid axle with locking nut
- Alternate or custom caster configurations available

ACCESSORIES

To order, add brake code below to end of model. Example: 95PY10709SBBLP

Poly Cam specify **P**



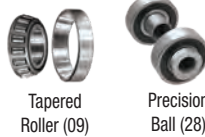
Face Contact specify **F**

Welded Swivel Lock specify **L**



Hand operated field installable Swivel Lock order **SL954600** separately (Yokes must be notched)

BEARING OPTIONS



Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rigid for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| 6 | 3 | 7200 | 9 | 2 1/4 | 37 1/4 | 95NX06528SBBL |
| 8 | 3 | 7200 | 11 | 2 1/4 | 41 | 95NX08528SBBL |
| 10 | 3 | 7200 | 13 | 2 1/2 | 45 1/2 | 95NX10528SBBL |

NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 7200 | 9 | 2 1/4 | 37 1/4 | 95NX06528SBBL |
| | 8 | 3 | 7200 | 11 | 2 1/4 | 41 | 95NX08528SBBL |
| | 10 | 3 | 7200 | 13 | 2 1/2 | 45 1/2 | 95NX10528SBBL |

Standard Bearing: Precision Ball (28).

METAL MODELS

Drop Forged Steel

| FS | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 6000 | 9 | 2 1/4 | 60 1/4 | 95FS06501SBBL |
| | 6 | 3 | 8000 | 9 | 2 1/4 | 59 1/2 | 95FS06509SBBL |
| | 8 | 4 | 8000 | 11 | 2 1/4 | 61 1/2 | 95FS08701SBBL |
| | 8 | 4 | 8000 | 11 | 2 1/4 | 72 1/2 | 95FS08709SBBL |
| | 10 | 3 | 5000 | 13 | 2 1/2 | 78 1/2 | 95FS10501SBBL |
| | 10 | 4 | 8000 | 13 | 2 1/2 | 86 1/4 | 95FS10701SBBL |
| | 10 | 4 | 8000 | 13 | 2 1/2 | 86 1/2 | 95FS10709SBBL |

Standard Bearing: Roller (01) or Tapered Roller (09).

Phenolic

| TM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 8 | 6* | 5000 | 11 | 2 1/2 | 54 1/2 | 95TM08909SBBL |
| | 10 | 3 | 2900 | 13 | 2 1/2 | 27 | 95TM10509SBBL |
| | 10 | 6* | 5800 | 13 | 2 1/2 | 54 | 95TM10909SBBL |
| | 12 | 4 | 8000 | 15 1/2 | 2 1/2 | 67 1/2 | 95TM12709SBBL |

Standard Bearing: Tapered Roller (09).
*2 wheels bolted together.

Laminated Phenolic

| TL | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 5 | 8000 | 9 | 2 1/4 | 46 | 95TL06809SBBL |
| | 8 | 6* | 5000 | 11 | 2 1/2 | 54 | 95TL08909SBBL |
| | 10 | 6* | 5800 | 13 | 2 1/2 | 61 1/4 | 95TL10909SBBL |
| | 16 | 4 | 8000 | 19 | 3 | 79 3/4 | 95TL16709SBBL |

Standard Bearing: Tapered Roller (09).
*2 wheels bolted together.

95TR/BBL SERIES • CAPACITY TO 17000

HEAVY DUTY KINGPIN

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

94

94 TRL Super Duty Casters (Tapered Thrust Swivel Section) CAPACITY TO 10000

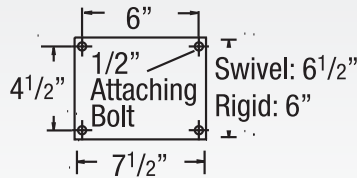


This caster has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL") and is precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

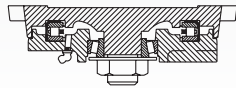
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance
- Gantries

MOUNTING OPTIONS Standard Plate



SWIVEL CROSS SECTION



Premium Quality



Towing[^]



Environmentally Friendly
(Consult factory)

FEATURES

- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load Race:** Precision tapered roller bearing which has 5" outside diameter for increased capacity
- **Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and outside for additional strength
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for ease of lubrication
- Alternate or custom caster configurations available

ACCESSORIES

To order, add brake code below to end of model. Example: 94PY06509STRLP

Poly Cam
specify **P**



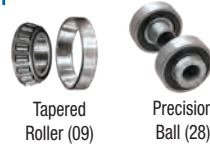
Face Contact brake
specify **F**

Welded Swivel Lock
specify **L**



Hand operated field installable **swivel lock** order **SL940000** separately (Yokes must be notched)

BEARING OPTIONS



Tapered Roller (09)

Precision Ball (28)

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|----------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|----------------|

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

| PY/PY 80A | 6 | 8 | 8 | 10 | 10 | 12 | 3 | 3 | 4 | 3 | 4 | 2200 | 2600 | 3800 | 3100 | 4200 | 4800 | 8 1/2 | 10 1/2 | 10 1/2 | 12 1/2 | 12 1/2 | 15 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 37 1/4 | 41 | 48 | 45 1/2 | 55 | 60 | 94PY06509STRL | 94PY08509STRL | 94PY08709STRL | 94PY10509STRL | 94PY10709STRL | 94PY12709STRL |
|-----------|---|---|---|----|----|----|---|---|---|---|---|------|------|------|------|------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|----|----|--------|----|----|---------------|---------------|---------------|---------------|---------------|---------------|
|-----------|---|---|---|----|----|----|---|---|---|---|---|------|------|------|------|------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|----|----|--------|----|----|---------------|---------------|---------------|---------------|---------------|---------------|

Standard Bearing: Tapered Roller (09).

Consult PY section for optional durometers/capacities.

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|----------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|----------------|

POLYURETHANE MODELS CONTINUED

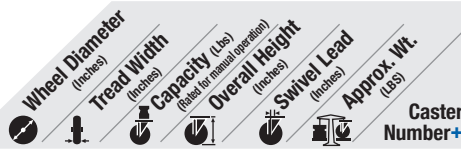
Thick Tread Polyurethane on Iron

| PX | 6 | 8 | 8 | 10 | 10 | 12 | 3 | 3 | 4 | 3 | 4 | 2450 | 3500 | 3850 | 3700 | 4620 | 5280 | 8 1/2 | 10 1/2 | 10 1/2 | 12 1/2 | 12 1/2 | 15 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 2 1/2 | 37 1/4 | 41 1/2 | 48 | 46 | 55 | 60 | 94PX06509STRL | 94PX08509STRL | 94PX08709STRL | 94PX10509STRL | 94PX10709STRL | 94PX12709STRL |
|----|---|---|---|----|----|----|---|---|---|---|---|------|------|------|------|------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|----|----|----|----|---------------|---------------|---------------|---------------|---------------|---------------|
|----|---|---|---|----|----|----|---|---|---|---|---|------|------|------|------|------|------|-------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|--------|--------|----|----|----|----|---------------|---------------|---------------|---------------|---------------|---------------|

Standard Bearing: Tapered Roller (09).

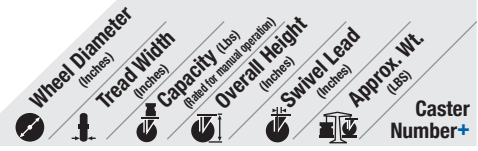
Base Swivel Caster
Number In Chart

Rigid models
add "R" at end of base
caster number.



Base Swivel Caster
Number In Chart

Rigid models
add "R" at end of base
caster number.



POLYURETHANE MODELS

Green Polyurethane Crowned Tread on Aluminum

| PD | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 | 94PD08509STRL |
| | 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 45 1/2 | 94PD10509STRL |
| | 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 48 | 94PD12509STRL |

*Roller (01) bearings available.
Change "09" to other bearing code. Roller example: 94PD08501STRL.

NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 6 | 3 | 7200 | 8 1/2 | 2 1/2 | 37 1/4 | 94NX06528STRL |
| | 8 | 3 | 7200 | 10 1/2 | 2 1/2 | 41 | 94NX08528STRL |
| | 10 | 3 | 7200 | 12 1/2 | 2 1/2 | 45 1/2 | 94NX10528STRL |
| | 12 | 3 | 7200 | 15 1/2 | 2 1/2 | 48 | 94NX12528STRL |

Standard Bearing: Precision Ball (28).

METAL MODELS

Drop Forged Steel

| FS | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 45 | 94FS06501STRL |
| | 6 | 3 | 10000 | 8 1/2 | 2 1/2 | 45 | 94FS06509STRL |
| | 8 | 3 | 4500 | 10 1/2 | 2 1/2 | 44 | 94FS08501STRL |
| | 8 | 3 | 5500 | 10 1/2 | 2 1/2 | 44 | 94FS08509STRL |
| | 8 | 4 | 8350 | 10 1/2 | 2 1/2 | 47 | 94FS08701STRL |
| | 8 | 4 | 10000 | 10 1/2 | 2 1/2 | 47 | 94FS08709STRL |
| | 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 53 3/4 | 94FS10501STRL |
| | 10 | 3 | 6000 | 12 1/2 | 2 1/2 | 53 3/4 | 94FS10509STRL |
| | 10 | 4 | 8350 | 12 1/2 | 2 1/2 | 73 1/2 | 94FS10701STRL |
| | 10 | 4 | 10000 | 12 1/2 | 2 1/2 | 73 1/2 | 94FS10709STRL |

Standard Bearing: Tapered Roller (09) or Stright Roller (01).

Crowned Tread Ductile Iron

| FR | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 35 | 94FR06509STRL |
| | 8 | 3 | 6000 | 10 1/2 | 2 1/2 | 41 | 94FR08509STRL |
| | 10 | 3 | 6000 | 12 1/2 | 2 1/2 | 46 | 94FR10509STRL |

Standard Bearing: Tapered Roller (09).
Optional bearing: Precision Ball (28);
change 09 above to optional bearing code.

Cast Iron

| CA | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 6 | 3 | 2800 | 8 1/2 | 2 1/2 | 38 1/2 | 94CA06509STRL |
| | 8 | 3 | 2800 | 10 1/2 | 2 1/2 | 38 1/2 | 94CA08509STRL |
| | 8 | 4 | 6000 | 10 1/2 | 2 1/2 | 52 1/2 | 94CA08709STRL |
| | 10 | 3 | 2800 | 12 1/2 | 2 1/2 | 43 1/2 | 94CA10509STRL |
| | 12 | 3 | 2800 | 15 1/2 | 2 1/2 | 49 1/2 | 94CA12509STRL |

Standard Bearing: Tapered Roller (09).

METAL MODELS (CONTINUED)

V-Grooved Drop Forged Steel

| VF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 45 | 94VF06501STRL |
| | 6 | 3 | 10000 | 8 1/2 | 2 1/2 | 45 | 94VF06509STRL |
| | 8 | 3 | 6000 | 10 1/2 | 2 1/2 | 44 | 94VF08501STRL |
| | 8 | 4 | 8350 | 10 1/2 | 2 1/2 | 47 | 94VF08701STRL |
| | 8 | 4 | 10000 | 10 1/2 | 2 1/2 | 47 | 94VF08709STRL |
| | 10 | 4 | 8350 | 12 1/2 | 2 1/2 | 73 1/2 | 94VF10701STRL |
| | 10 | 4 | 10000 | 12 1/2 | 2 1/2 | 73 1/2 | 94VF10709STRL |

Standard Bearing: Tapered Roller (09) or Stright Roller (01).

Ductile Iron V-Groove Tread

| VM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 35 | 94VM06509STRL |
| | 8 | 3 | 6000 | 10 1/2 | 2 1/2 | 41 | 94VM08509STRL |
| | 10 | 3 | 6000 | 12 1/2 | 2 1/2 | 46 | 94VM10509STRL |

Standard Bearing: Tapered Roller (09).
Optional bearing: Precision Ball (28);
change 09 above to optional bearing code.

V-Grooved Cast Iron

| VL | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 42 3/4 | 94VL08509STRL |
| | 10 | 3 | 4000 | 12 1/2 | 2 1/2 | 35 3/4 | 94VL10509STRL |

Standard Bearing: Tapered Roller (09).

RUBBER MODELS

Moldon Rubber on Cast Iron

| MR | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 8 | 3 | 900 | 10 1/2 | 2 1/2 | 36 3/4 | 94MR08509STRL |
| | 10 | 3 | 1000 | 12 1/2 | 2 1/2 | 39 3/4 | 94MR10509STRL |
| | 10 | 4 | 1400 | 12 1/2 | 2 1/2 | 50 3/4 | 94MR10709STRL |
| | 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 63 1/4 | 94MR12709STRL |

Standard Bearing: Tapered Roller (09).

PHENOLIC MODELS

Phenolic

| TM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 38 | 94TM08509STRL |
| | 10 | 3 | 2900 | 12 1/2 | 2 1/2 | 49 | 94TM10509STRL |
| | 12 | 4 | 8000 | 15 1/2 | 2 1/2 | 52 1/4 | 94TM12709STRL |

Standard Bearing: Tapered Roller (09).

Laminated Phenolic

| TL | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number+ |
|----|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| | 6 | 3 | 2500 | 8 1/2 | 2 1/2 | 29 1/2 | 94TL06509STRL |
| | 8 | 3 | 3125 | 10 1/2 | 2 1/2 | 32 1/4 | 94TL08509STRL |
| | 10 | 3 | 3625 | 12 1/2 | 2 1/2 | 46 | 94TL10509STRL |

Standard Bearing: Tapered Roller (09).

94TRL Series Wheel Selection Hints



- Polyurethane**
- Excellent multi-purpose wheels
 - Non-marking, floor protective
 - Excellent capacity, wear resistance, and strength
 - Various durometers, thicknesses



- Nylon**
- High load capacities
 - Impact resistant
 - Corrosion resistant
 - High-temp options



- Metal**
- High load capacities
 - Handles the most abuse
 - Impact resistant
 - Resistant to hot and cold temperatures



- Rubber Style**
- Floor protection
 - Quiet mobility
 - Cost effective
 - Shock absorption



- Phenolic**
- High load capacities
 - Impact resistant
 - Economical
 - High-temp options

94

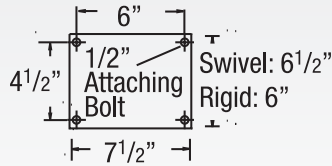
94 BBL Super Duty Casters (Ball Load Swivel)

CAPACITY TO 5000



This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

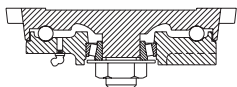
MOUNTING OPTIONS Standard Plate



TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wk. (Lbs) | Caster Number+ |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| 6 | 3 | 2200 | 8 1/2 | 2 1/2 | 37 1/4 | 94PY06509SBBL |
| 8 | 3 | 2600 | 10 1/2 | 2 1/2 | 41 | 94PY08509SBBL |
| 8 | 4 | 3800 | 10 1/2 | 2 1/2 | 48 | 94PY08709SBBL |
| 10 | 3 | 3100 | 12 1/2 | 2 1/2 | 45 1/2 | 94PY10509SBBL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PY10709SBBL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PY12709SBBL |

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

| Model | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wk. (Lbs) | Caster Number+ |
|-----------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|----------------|
| PY/PY 80A | 6 | 3 | 2200 | 8 1/2 | 2 1/2 | 37 1/4 | 94PY06509SBBL |
| | 8 | 3 | 2600 | 10 1/2 | 2 1/2 | 41 | 94PY08509SBBL |
| | 8 | 4 | 3800 | 10 1/2 | 2 1/2 | 48 | 94PY08709SBBL |
| | 10 | 3 | 3100 | 12 1/2 | 2 1/2 | 45 1/2 | 94PY10509SBBL |
| | 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PY10709SBBL |
| | 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PY12709SBBL |

Standard Bearing: Tapered Roller (09).

Consult PY section for optional durometers/capacities



Premium Quality



Towing^



Environmentally Friendly (Consult factory)

FEATURES

- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load:** 5" diameter ball load race with 1/2" steel balls hardened for greater resistance to wear and brinelling. Protected by a forged labyrinth skirt
- **Thrust Race:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and out to yoke base and rigid top
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for easy lubrication
- Alternate or custom caster configurations available

ACCESSORIES

To order, add brake code below to end of model. Example: 94PY06509SBBLP

Poly Cam brake specify **P**



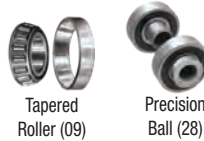
Face Contact brake specify **F**

Welded Swivel Lock specify **L**



Hand operated field installable **swivel lock** order **SL940000** separately (Yokes must be notched)

BEARING OPTIONS



Tapered Roller (09)

Precision Ball (28)

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wk. (Lbs) | Caster Number+ |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|----------------|
| 6 | 3 | 2450 | 8 1/2 | 2 1/2 | 37 1/4 | 94PX06509SBBL |
| 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 41 1/2 | 94PX08509SBBL |
| 8 | 4 | 3850 | 10 1/2 | 2 1/2 | 48 | 94PX08709SBBL |
| 10 | 3 | 3700 | 12 1/2 | 2 1/2 | 46 | 94PX10509SBBL |
| 10 | 4 | 4620 | 12 1/2 | 2 1/2 | 55 | 94PX10709SBBL |
| 12 | 3 | 4100 | 15 1/2 | 2 1/2 | 60 | 94PX12509SBBL |
| 12 | 4 | 5000 | 15 1/2 | 2 1/2 | 60 | 94PX12709SBBL |

POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Iron

| Model | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wk. (Lbs) | Caster Number+ |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|----------------|
| PX | 6 | 3 | 2450 | 8 1/2 | 2 1/2 | 37 1/4 | 94PX06509SBBL |
| | 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 41 1/2 | 94PX08509SBBL |
| | 8 | 4 | 3850 | 10 1/2 | 2 1/2 | 48 | 94PX08709SBBL |
| | 10 | 3 | 3700 | 12 1/2 | 2 1/2 | 46 | 94PX10509SBBL |
| | 10 | 4 | 4620 | 12 1/2 | 2 1/2 | 55 | 94PX10709SBBL |
| | 12 | 3 | 4100 | 15 1/2 | 2 1/2 | 60 | 94PX12509SBBL |
| | 12 | 4 | 5000 | 15 1/2 | 2 1/2 | 60 | 94PX12709SBBL |

Standard Bearing: Tapered Roller (09).

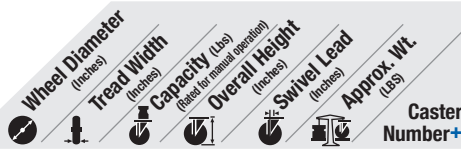
Green Polyurethane Crowned Tread on Aluminum

| Model | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wk. (Lbs) | Caster Number+ |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|----------------|
| PD | 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 37 | 94PD08509SBBL |
| | 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 39 1/2 | 94PD10509SBBL |
| | 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 42 1/2 | 94PD12509SBBL |

Standard Bearing: Tapered Roller (09).

Base Swivel Caster
Number In Chart

Rigid models
add "R" at end of base
caster number.



NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 5000 | 8 1/2 | 2 1/2 | 37 1/4 | 94NX06528SBBL |
| | 8 | 3 | 5000 | 10 1/2 | 2 1/2 | 41 | 94NX08528SBBL |
| | 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 45 1/2 | 94NX10528SBBL |
| | 12 | 3 | 5000 | 15 1/2 | 2 1/2 | 48 1/2 | 94NX12528SBBL |

Standard Bearing: Precision Ball (28).

METAL MODELS

Drop Forged Steel

| FS | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 5000 | 8 1/2 | 2 1/2 | 45 | 94FS06509SBBL |
| | 8 | 3 | 4500 | 10 1/2 | 2 1/2 | 44 | 94FS08509SBBL |
| | 8 | 4 | 5000 | 10 1/2 | 2 1/2 | 47 | 94FS08709SBBL |
| | 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 53 3/4 | 94FS10509SBBL |
| | 10 | 4 | 5000 | 12 1/2 | 2 1/2 | 73 1/2 | 94FS10709SBBL |

Standard Bearing: Tapered Roller (09).

Crowned Tread Ductile Iron

| FR | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 5000 | 8 1/2 | 2 1/2 | 35 | 94FR06509SBBL |
| | 8 | 3 | 5000 | 10 1/2 | 2 1/2 | 41 | 94FR08509SBBL |
| | 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 46 | 94FR10509SBBL |

Standard Bearing: Tapered Roller (09).
Optional bearing: Precision Ball (28);
change 09 above to optional bearing code.

Base Swivel Caster
Number In Chart

Rigid models
add "R" at end of base
caster number.



METAL MODELS (CONTINUED)

Cast Iron

| CA | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 2800 | 8 1/2 | 2 1/2 | 38 1/2 | 94CA06509SBBL |
| | 8 | 3 | 2800 | 10 1/2 | 2 1/2 | 38 1/2 | 94CA08509SBBL |
| | 8 | 4 | 4000 | 10 1/2 | 2 1/2 | 52 1/2 | 94CA08709SBBL |
| | 10 | 3 | 2800 | 12 1/2 | 2 1/2 | 43 1/2 | 94CA10509SBBL |
| | 12 | 3 | 2800 | 15 1/2 | 2 1/2 | 49 1/2 | 94CA12509SBBL |

Standard Bearing: Tapered Roller (09).

Ductile Iron V-Groove Tread

| VM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 5000 | 8 1/2 | 2 1/2 | 35 | 94VM06509SBBL |
| | 8 | 3 | 5000 | 10 1/2 | 2 1/2 | 41 | 94VM08509SBBL |
| | 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 46 | 94VM10509SBBL |

Standard Bearing: Tapered Roller (09).
Optional bearing: Precision Ball (28);
change 09 above to optional bearing code.

RUBBER MODELS

Moldon Rubber on Cast Iron

| MR | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 8 | 3 | 900 | 10 1/2 | 2 1/2 | 36 3/4 | 94MR08509SBBL |
| | 10 | 3 | 1000 | 12 1/2 | 2 1/2 | 39 3/4 | 94MR10509SBBL |
| | 10 | 4 | 1400 | 12 1/2 | 2 1/2 | 50 3/4 | 94MR10709SBBL |
| | 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 63 1/4 | 94MR12709SBBL |

Standard Bearing: Tapered Roller (09).

PHENOLIC MODELS

Phenolic

| TM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 38 | 94TM08509SBBL |
| | 10 | 3 | 2900 | 12 1/2 | 2 1/2 | 49 | 94TM10509SBBL |
| | 12 | 4 | 5000 | 15 1/2 | 2 1/2 | | 94TM12709SBBL |

Standard Bearing: Tapered Roller (09).

Laminated Phenolic

| TL | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|---------------|
| | 6 | 3 | 2000 | 8 1/2 | 2 1/2 | 29 1/2 | 94TL06509SBBL |
| | 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 32 1/4 | 94TL08509SBBL |
| | 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 46 | 94TL10509SBBL |

Standard Bearing: Tapered Roller (09).

94BBL Series Wheel Selection Hints



PY PX PD
Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



NX

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



FS FR CA VM

Metal

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



MR

Rubber Style

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



TM TM

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options

90

90 Heavy Duty Casters

CAPACITY TO 3500



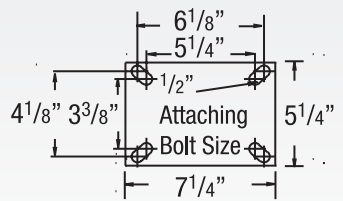
Our popular 90 Series is made from AISI 1045 drop forged steel and is highly recommended for rugged heavy duty applications.

TYPICAL APPLICATIONS

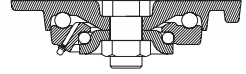
- Heavy duty power drawn equipment
- High capacity die tables
- Portable work benches
- Machinery dollies
- Heavy production fixtures or jigs
- Corrugated steel box trucks
- Heavy portable storage racks

MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION



+ For swivel models add "S", for rigid model add "R" to end of base caster number.

POLYURETHANE MODELS

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|---------------------------------------|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| Green Polyurethane on Cast Iron PY | 5 | 3 | 1500 | 7 | 2 1/2 | 23 | 90PY05501S |
| | 6 | 3 | 2200 | 8 | 2 1/4 | 26 3/4 | 90PY06501S |
| | 8 | 3 | 2600 | 10 1/2 | 2 1/2 | 31 | 90PY08501S |
| | 10 | 3 | 3100 | 12 1/2 | 2 1/2 | 35 3/4 | 90PY10501S |
| | 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 44 1/4 | 90PY12501S |

Standard Bearing: Roller (01)

FEATURES

- **Swivel Top Plate:** AISI 1045 drop forged steel, for strength and reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway for extended service life
- **Swivel Load Bearing:** 4" diameter deep-grooved load raceway with 1/2" steel balls for better load distribution. The thrust race is 2-5/8" diameter using 3/8" diameter steel balls for increased capacity
- **Legs:** 3/8" steel plate welded inside and out for added strength
- **King Bolt:** 1" diameter bolt heat treated for extended service
- **Axle:** 3/4" and 1" hollow axles are used for wheel bearing lubrication
- **Lubrication:** Zerk fitting in yoke base and in wheel hub or recessed in head of hollow axle
- Alternate or custom caster configurations available

BEARING OPTIONS



ACCESSORIES

To order, add brake code below to end of model. Example: 90PY06501SP

- **Poly Cam brake** specify **P**
- **Single Side brake** specify **SSB81**. **Double Sided** specify **DSB81**
- **Face brake** specify **FBB**
- **Welded Swivel Lock** specify **L**
- **Hand operated field installable swivel lock** order **SL900000** separately (Yokes must be notched)



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

POLYURETHANE MODELS (CONTINUED)

| Yellow Polyurethane on Heavy Duty Cast Iron | | | | | | | |
|---|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| PF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
| | 6 | 3 | 2900 | 8 | 2 1/4 | 26 3/4 | 90PF06528S |
| | 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 31 | 90PF08528S |
| | 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 35 3/4 | 90PF10528S |
| | 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 44 1/4 | 90PF12528S |

Standard Bearing: Precision Ball (28).

| Green Polyurethane Crowned Tread on Aluminum | | | | | | | |
|--|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| PA/PD | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
| | 4 | 4 | 1600 | 6 | 2 | 20 1/2 | 90PA04701S* |
| | 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 22 1/2 | 90PD08501S |
| | 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 25 | 90PD10501S |
| | 12 | 3 | 3500 | 12 1/2 | 2 1/2 | 25 | 90PD12501S |

Standard Bearing: Roller (01). *1" solid axle.

Continue on next page >>

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



POLYURETHANE MODELS CONTINUED)

Economical Polyurethane on Cast Iron

| | | | | | | | | |
|----|--|----|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| PE | | 8 | 3 | 2500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 31 | 90PE08501S |
| | | 10 | 3 | 3000 | 12 ¹ / ₂ | 2 ¹ / ₂ | 35 ³ / ₄ | 90PE10501S |
| | | 12 | 3 | 3500 | 15 ¹ / ₂ | 2 ¹ / ₂ | 44 ¹ / ₄ | 90PE12501S |

Standard Bearing: Roller (01).

NYLON MODELS

Trionix™ High Impact Polymer

| | | | | | | | | |
|----|--|----|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| NX | | 6 | 3 | 3500 | 8 | 2 ¹ / ₄ | 21 ¹ / ₂ | 90NX06528S |
| | | 8 | 3 | 3500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 24 ¹ / ₂ | 90NX08528S |
| | | 10 | 3 | 3500 | 12 ¹ / ₂ | 2 ¹ / ₂ | 28 | 90NX10528S |
| | | 12 | 3 | 3500 | 15 ¹ / ₂ | 2 ¹ / ₂ | 29 ¹ / ₄ | 90NX12528S |

Standard Bearing: Precision Ball (28).

METAL MODELS

Forged Steel

| | | | | | | | | |
|----|--|----|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| FS | | 8 | 3 | 3500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 33 ¹ / ₄ | 90FS08501S |
| | | 10 | 3 | 3500 | 12 ¹ / ₂ | 2 ¹ / ₂ | 43 ¹ / ₄ | 90FS10501S |

Standard Bearing: Roller (01).

Crowned Tread Ductile Iron

| | | | | | | | | |
|----|--|----|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| FR | | 6 | 3 | 3500 | 8 | 2 ¹ / ₄ | 26 | 90FR06501S |
| | | 8 | 3 | 3500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 26 ³ / ₄ | 90FR08501S |
| | | 10 | 3 | 3500 | 12 ¹ / ₂ | 2 ¹ / ₂ | 32 ¹ / ₂ | 90FR10501S |

Standard Bearing: Roller (01).
Optional bearings: Tapered Roller (09) or Precision Ball (28); change 01 above to optional bearing code.

Cast Iron

| | | | | | | | | |
|----|--|-------------------------------|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| CA | | 3 ¹ / ₄ | 4 | 2000 | 5 ⁵ / ₈ | 2 | 21 | 90CA03701S |
| | | 4 | 3 | 2000 | 6 | 2 | 21 ³ / ₄ | 90CA04501S |
| | | 4 | 4 | 3500 | 6 | 2 | 27 ¹ / ₄ | 90CA04701S |
| | | 6 | 3 | 2800 | 8 | 2 ¹ / ₄ | 26 | 90CA06501S |
| | | 8 | 3 | 2800 | 10 ¹ / ₂ | 2 ¹ / ₂ | 26 ³ / ₄ | 90CA08501S |
| | | 10 | 3 | 2800 | 12 ¹ / ₂ | 2 ¹ / ₂ | 32 ¹ / ₂ | 90CA10501S |
| | | 12 | 3 | 2800 | 15 ¹ / ₂ | 2 ¹ / ₂ | 38 ¹ / ₂ | 90CA12501S |

Standard Bearing: Roller (01) or Tapered Roller (09).

+ For swivel models add "S", for rigid model add "R" to end of base caster number.



METAL MODELS (CONTINUED)

V-Groove Cast Iron

| | | | | | | | | |
|----|--|----|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| VG | | 8 | 3 | 2500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 31 ¹ / ₄ | 90VG08501S |
| | | 10 | 3 | 3000 | 12 ¹ / ₂ | 2 ¹ / ₂ | 42 ¹ / ₂ | 90VG10501S |

Standard Bearing: Roller (01).

Ductile Iron V-Groove Tread

| | | | | | | | | |
|----|--|----|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| VM | | 8 | 3 | 3500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 26 ³ / ₄ | 90VM08501S |
| | | 10 | 3 | 3500 | 12 ¹ / ₂ | 2 ¹ / ₂ | 32 ¹ / ₂ | 90VM10501S |

Standard Bearing: Roller (01).
Optional bearings: Tapered Roller (09) or Precision Ball (28); change 01 above to optional bearing code.

RUBBER MODELS

Moldon Rubber on Cast Iron

| | | | | | | | | |
|----|--|----|-------------------------------|------|--------------------------------|-------------------------------|--------------------------------|------------|
| MR | | 6 | 3 | 750 | 8 | 2 ¹ / ₄ | 23 ³ / ₄ | 90MR06501S |
| | | 8 | 3 | 900 | 10 ¹ / ₂ | 2 ¹ / ₂ | 27 ¹ / ₄ | 90MR08501S |
| | | 10 | 3 | 1000 | 12 ¹ / ₂ | 2 ¹ / ₂ | 30 ¹ / ₂ | 90MR10501S |
| | | 10 | 4 ¹ / ₂ | 1400 | 12 ¹ / ₂ | 2 ¹ / ₂ | 44 ¹ / ₂ | 90MR10701S |
| | | 12 | 3 | 1200 | 15 ¹ / ₂ | 2 ¹ / ₂ | 36 ¹ / ₄ | 90MR12501S |

Standard Bearing: Roller (01).
¹10 x 4 model has solid axle; all others hollow axle.

PHENOLIC MODELS

Phenolic

| | | | | | | | | |
|----|--|----|---|------|--------------------------------|-------------------------------|--------------------------------|------------|
| TM | | 6 | 3 | 2000 | 8 | 2 ¹ / ₄ | 19 ¹ / ₄ | 90TM06501S |
| | | 8 | 3 | 2500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 22 ¹ / ₄ | 90TM08501S |
| | | 10 | 3 | 2900 | 12 ¹ / ₂ | 2 ¹ / ₂ | 25 ¹ / ₄ | 90TM10501S |
| | | 12 | 3 | 3500 | 15 ¹ / ₂ | 2 ¹ / ₂ | 29 ¹ / ₄ | 90TM12501S |

Standard Bearing: Roller (01).

90 Series Wheel Selection Hints



PY PF PD PE

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



NX

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



FS FR CA VG VM

Metal

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



MR

Rubber Style

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



TM

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options

81

81 Heavy Duty Casters

CAPACITY TO 2000

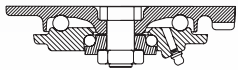


The 81 Series is drop forged and recommended for heavy manual moved loads or for medium duty power drawn equipment. Consult factory for all power drawn applications.

TYPICAL APPLICATIONS

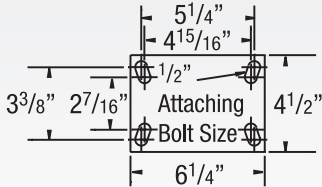
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION



MOUNTING OPTIONS

Standard Plate



FEATURES

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing coined "deep-groove" load and machined component thrust raceways
- **Legs:** 3/8" steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 3/4" diameter, hollow, with lock nut
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

BEARING OPTIONS



ACCESSORIES

To order, add brake code below to end of model. Example: 81PY06501SP

Poly Cam brake specify **P**



Single Side brake specify **SSB81**.
Double Sided specify **DSB81**

Face brake specify **FBB**



Welded Swivel Lock specify **L**

Hand operated field installable **swivel lock** order **SL810000** separately



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rigids for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|--------------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|--------------------|

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

| PY | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| | 5 | 3 | 1500 | 6 1/2 | 2 1/4 | 15 | 81PY05501S |
| | 6 | 3 | 2000 | 7 5/8 | 1 1/2 | 26 | 81PY06501S |
| | 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 22 1/4 | 81PY08501S |
| | 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81PY10501S |
| | 12 | 3 | 2000 | 13 1/2 | 3 | 40 | 81PY12501S |

Standard Bearing: Roller (01).



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rigids for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|--------------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|--------------------|

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| | 6 | 3 | 2000 | 7 5/8 | 1 1/2 | 26 | 81PF06528S |
| | 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 22 1/4 | 81PF08528S |
| | 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81PF10528S |
| | 12 | 3 | 2000 | 13 1/2 | 3 | 40 | 81PF12528S |

Standard Bearing: Precision Ball (28).

Economical Polyurethane on Cast Iron

| PE | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| | 6 | 3 | 2000 | 7 5/8 | 1 1/2 | 26 | 81PE06501S |
| | 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 22 1/4 | 81PE08501S |
| | 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81PE10501S |
| | 12 | 3 | 2000 | 13 1/2 | 3 | 40 | 81PE12501S |

Standard Bearing: Roller (01).

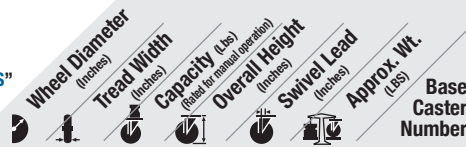


Continue on next page >>

81 Series Continued

Base Swivel Caster
Number In Chart

For rigid models change "S"
to "R" at end of base
caster number.



NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|---|--------------------------------|-------------------------------|-------------------|--------------------|
| | 6 | 3 | 2000 | 7 ⁵ / ₈ | 1 ¹ / ₂ | 16 | 81NX06528 |
| | 8 | 3 | 2000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 18 | 81NX08528 |
| | 10 | 3 | 2000 | 11 ¹ / ₂ | 2 ¹ / ₂ | 21 | 81NX10528 |
| | 12 | 3 | 2000 | 11 ¹ / ₂ | 2 ¹ / ₂ | 21 | 81NX12528 |

Standard Bearing: Precision Ball (28).

METAL MODELS

Crowned Tread Ductile Iron

| FR, VM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|--------|-------------------------|----------------------|---|--------------------------------|-------------------------------|--------------------------------|--------------------|
| | 6 | 3 | 2000 | 7 ⁵ / ₈ | 1 ¹ / ₂ | 20 ¹ / ₄ | 81FR06501S |
| | 8 | 3 | 2000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 26 ¹ / ₂ | 81FR08501S |
| | 10 | 3 | 2000 | 11 ¹ / ₂ | 2 ¹ / ₂ | 27 ¹ / ₂ | 81FR10501S |

Standard Bearing: Roller (01).

Optional bearings: Tapered Roller (09) or Precision Ball (28);
change 01 above to optional bearing code.

Ductile Iron V-Groove (VM) models available.

Change FR wheel code to VM. Example: 81VM06501S.

Cast Iron

| CA | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|-------------------------------|---|--------------------------------|-------------------------------|--------------------------------|--------------------|
| | 4 | 3 | 2000 | 5 ¹ / ₂ | 2 | 17 ³ / ₄ | 81CA04501S |
| | 5 | 2 ¹ / ₂ | 2000 | 6 ¹ / ₂ | 2 ¹ / ₄ | 19 ¹ / ₂ | 81CA05401S |
| | 6 | 3 | 2000 | 7 ⁵ / ₈ | 1 ¹ / ₂ | 20 ¹ / ₄ | 81CA06501S |
| | 8 | 3 | 2000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 26 ¹ / ₂ | 81CA08501S |
| | 10 | 3 | 2000 | 11 ¹ / ₂ | 2 ¹ / ₂ | 27 ¹ / ₂ | 81CA10501S |

Standard Bearing: Roller (01).

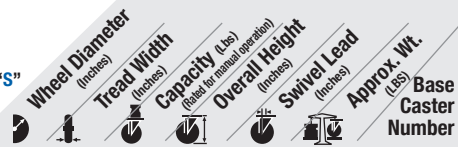
V-Grooved Cast Iron

| VG | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|-------------------------------|---|--------------------------------|-------------------------------|--------------------------------|--------------------|
| | 6 | 2 ¹ / ₂ | 2000 | 7 ⁵ / ₈ | 1 ¹ / ₂ | 20 ¹ / ₄ | 81VG06401S |
| | 8 | 3 | 2000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 26 ¹ / ₂ | 81VG08501S |
| | 10 | 3 | 2000 | 11 ¹ / ₂ | 2 ¹ / ₂ | 27 ¹ / ₂ | 81VG10501S |

Standard Bearing: Roller (01).

Base Swivel Caster
Number In Chart

For rigid models change "S"
to "R" at end of base
caster number.



RUBBER MODELS

Moldon Rubber on Cast Iron

| MR | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|---|--------------------------------|-------------------------------|--------------------------------|--------------------|
| | 6 | 3 | 750 | 7 ⁵ / ₈ | 3 | 21 ³ / ₄ | 81MR06501S |
| | 8 | 3 | 900 | 10 ¹ / ₈ | 3 | 22 ¹ / ₄ | 81MR08501S |
| | 10 | 3 | 1000 | 11 ¹ / ₂ | 3 ¹ / ₂ | 25 ¹ / ₄ | 81MR10501S |
| | 12 | 3 | 1200 | 13 ¹ / ₂ | 3 | 30 ³ / ₄ | 81MR12501S |

Standard Bearing: Roller (01).

PHENOLIC MODELS

Phenolic

| TM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|---|--------------------------------|-------------------------------|--------------------------------|--------------------|
| | 6 | 3 | 2000 | 7 ⁵ / ₈ | 1 ¹ / ₂ | 14 ³ / ₄ | 81TM06501S |
| | 8 | 3 | 2000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 17 ³ / ₄ | 81TM08501S |
| | 10 | 3 | 2000 | 11 ¹ / ₂ | 2 ¹ / ₂ | 20 ¹ / ₂ | 81TM10501S |
| | 12 | 3 | 2000 | 13 ¹ / ₂ | 3 | 22 ¹ / ₂ | 81TM12501S |

Standard Bearing: Roller (01).



81 Series Wheel Selection Hints



PY PF PD PE

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



NX

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



FR CA VG VM

Metal

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



MR

Rubber Style

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



TM

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options

72

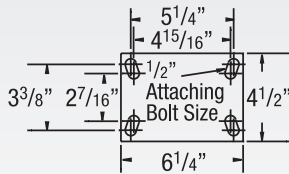
Medium Heavy Duty Casters

CAPACITY TO 1600

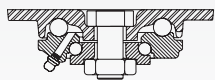


This heavy duty hot forged steel caster is designed for extended life in rugged applications. They will outperform cold forged or stamped steel casters in swivel applications requiring severe service.

MOUNTING OPTIONS Standard Plate



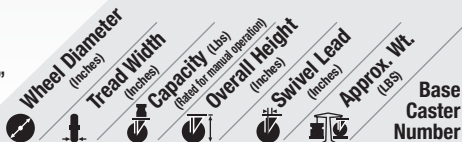
SWIVEL CROSS SECTION



TYPICAL APPLICATIONS

- Production racks and fixtures
- Live skids and Box trucks

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 4 | 2 | 800 | 5 5/8 | 17/16 | 9 | 72AX04228S |
|----|---|---|------|--------|---------|--------|------------|
| | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 8 1/4 | 72AX05228S |
| | 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 9 1/4 | 72AX06228S |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 12 1/4 | 72AX08228S |

85 Shore A Standard Bearing: Precision Ball (28).

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 4 | 2 | 800 | 5 5/8 | 17/16 | 9 | 72AN04228S |
|----|---|---|------|--------|---------|--------|------------|
| | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 8 1/4 | 72AN05228S |
| | 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 9 1/4 | 72AN06228S |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 12 1/4 | 72AN08228S |

85 Shore A Standard Bearing: Precision Ball (28).

Green Round Tread Polyurethane on Aluminum

| PM | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 8 1/4 | 72PM05228S |
|----|---|---|------|--------|---------|--------|------------|
| | 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 9 1/4 | 72PM06228S |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 12 1/4 | 72PM08228S |

95 Shore A Standard Bearing: Precision Ball (28).



FEATURES

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing "deep-groove" load and machined component thrust raceways
- **Legs:** 1/4" steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter, hollow, with lock nut. Solid axle on ball, and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle

BEARING OPTIONS



RIG OPTIONS

- Neoprene sealed swivel section specify **NS72**

ACCESSORIES

To order, add brake code below to end of model. Example: 72XS06201SCB72

Cam brake specify **CB72**



Face brake specify **FB72**

Poly Cam brake specify **P**

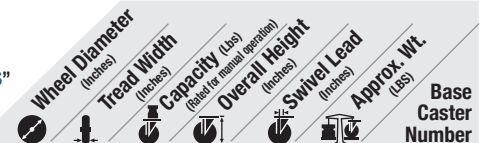


Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock for standard plate order **SL720000** separately.



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

| Polyurethane on Cast Iron | | | | | | | |
|---------------------------|----|-------|------|--------|-------|--------|------------|
| PY | 6 | 2 1/2 | 1600 | 7 1/2 | 2 1/4 | 13 3/4 | 72PY06407S |
| | 8 | 2 1/2 | 1600 | 10 1/8 | 2 1/4 | 17 1/2 | 72PY08407S |
| | 10 | 2 1/2 | 1600 | 11 1/2 | 2 1/4 | 19 | 72PY10407S |

Standard Bearing: Precision Ball (28).

| Green Polyurethane Crowned Tread on Aluminum | | | | | | | |
|--|---|---|------|--------|---------|-------|------------|
| PD | 4 | 2 | 700 | 5 5/8 | 17/16 | 7 3/4 | 72PD04201S |
| | 5 | 2 | 1050 | 6 1/2 | 1 13/16 | 8 1/2 | 72PD05201S |
| | 6 | 2 | 1230 | 7 1/2 | 2 1/4 | 9 | 72PD06201S |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 11 | 72PD08201S |

Standard Bearing: Precision Ball (28).

| Yellow Polyurethane on Heavy Duty Iron | | | | | | | |
|--|---|---|------|--------|-------|----|------------|
| PF | 6 | 2 | 1600 | 7 1/2 | 2 1/4 | 11 | 72PF06228S |
| | 8 | 2 | 1600 | 10 1/8 | 2 1/4 | 14 | 72PF08228S |

Standard Bearing: Precision Ball (28).

| Endura Solid Elastomer Polyurethane | | | | | | | |
|-------------------------------------|---|---|------|--------|---------|-------|------------|
| SE | 4 | 2 | 1000 | 5 5/8 | 17/16 | 7 1/2 | 72SE04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 8 1/2 | 72SE05228S |
| | 6 | 2 | 1100 | 7 1/2 | 2 1/4 | 9 1/2 | 72SE06228S |
| | 8 | 2 | 1200 | 10 1/8 | 2 1/4 | 11 | 72SE08228S |

Standard Bearing: Precision Ball (28).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

Wheel Diameter (Inches)
 Tread Width (Inches)
 Capacity (Lbs) (Rated for manual operation)
 Overall Height (Inches)
 Swivel Lead (Inches)
 Approx. Wt. (Lbs)
 Base Caster Number

POLYURETHANE MODELS (CONTINUED)

Hi-Tech Antimicrobial Polyurethane on Polypropylene

| XA | 4 | 2 | 720 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 7 ¹ / ₂ | 72XA04228S |
|----|---|---|------|--------------------------------|---------------------------------|-------------------------------|------------|
| | 5 | 2 | 900 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 8 ¹ / ₂ | 72XA05228S |
| | 6 | 2 | 1100 | 7 ¹ / ₂ | 2 ¹ / ₄ | 9 ¹ / ₂ | 72XA06228S |
| | 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 11 | 72XA08228S |

Standard Bearing: Precision Ball (28).

NYLON MODELS

Heavy Duty Glass Filled Nylon

| DT | 4 | 2 | 1600 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 7 ¹ / ₂ | 72DT04228S |
|----|---|---|------|--------------------------------|---------------------------------|--------------------------------|------------|
| | 5 | 2 | 1600 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 7 ³ / ₄ | 72DT05228S |
| | 6 | 2 | 1600 | 7 ¹ / ₂ | 2 ¹ / ₄ | 8 ¹ / ₂ | 72DT06228S |
| | 8 | 2 | 1600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 10 ¹ / ₄ | 72DT08228S |

Standard Bearing: Precision Ball (28).

METAL MODELS

Cast Iron

| CA | 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 9 ¹ / ₄ | 72CA04201S |
|----|---|-------------------------------|------|--------------------------------|---------------------------------|--------------------------------|------------|
| | 5 | 2 | 1300 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 10 ³ / ₄ | 72CA05201S |
| | 6 | 2 | 1400 | 7 ¹ / ₂ | 2 ¹ / ₄ | 12 ³ / ₄ | 72CA06201S |
| | 6 | 2 ¹ / ₂ | 1600 | 7 ¹ / ₂ | 2 ¹ / ₄ | 16 ¹ / ₂ | 72CA06407S |
| | 8 | 2 | 1600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 16 | 72CA08201S |
| | 8 | 2 ¹ / ₂ | 1600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 18 ¹ / ₄ | 72CA08407S |

Standard Bearing: Roller (01 or 07).

Crowned Tread Ductile Iron

| FR | 5 | 2 | 1500 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 11 ³ / ₄ | 72FR05201S |
|----|---|---|------|--------------------------------|---------------------------------|--------------------------------|------------|
| | 6 | 2 | 1600 | 7 ¹ / ₂ | 2 ¹ / ₄ | 14 | 72FR06201S |
| | 8 | 2 | 1600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 17 | 72FR08201S |

Standard Bearing: Roller (01).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

Wheel Diameter (Inches)
 Tread Width (Inches)
 Capacity (Lbs) (Rated for manual operation)
 Overall Height (Inches)
 Swivel Lead (Inches)
 Approx. Wt. (Lbs)
 Base Caster Number

RUBBER MODELS

Performa Flat Tread on Polypropylene

| XS | 4 | 2 | 400 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 7 ¹ / ₄ | 72XS04201S |
|----|---|---|-----|--------------------------------|---------------------------------|--------------------------------|------------|
| | 5 | 2 | 500 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 7 ³ / ₄ | 72XS05201S |
| | 6 | 2 | 600 | 7 ¹ / ₂ | 2 ¹ / ₄ | 8 ¹ / ₂ | 72XS06201S |
| | 8 | 2 | 675 | 10 ¹ / ₈ | 2 ¹ / ₄ | 10 ¹ / ₄ | 72XS08201S |

Standard Bearing: Roller (01).

Optional Bearings: Precision Ball (28) Change 01 above to 28.

Performa Round Tread on Polypropylene

| XR | 6 | 2 | 450 | 7 ¹ / ₂ | 2 ¹ / ₄ | 8 ¹ / ₁ | 72XR06201S |
|----|---|---|-----|--------------------------------|-------------------------------|--------------------------------|------------|
| | 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 10 ¹ / ₄ | 72XR08201S |

Standard Bearing: Roller (01).

Optional Bearings: Precision Ball (28) Change 01 above to 28.

Moldon Rubber on Cast Iron

| MR | 4 | 2 | 300 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 8 | 72MR04201S |
|----|----|-------------------------------|-----|--------------------------------|---------------------------------|--------------------------------|------------|
| | 5 | 2 | 450 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 8 ¹ / ₂ | 72MR05201S |
| | 6 | 2 | 500 | 7 ¹ / ₂ | 2 ¹ / ₄ | 9 | 72MR06201S |
| | 6 | 2 ¹ / ₂ | 700 | 7 ¹ / ₂ | 2 ¹ / ₄ | 15 ¹ / ₂ | 72MR06407S |
| | 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 14 | 72MR08201S |
| | 8 | 2 ¹ / ₂ | 850 | 10 ¹ / ₈ | 2 ¹ / ₄ | 16 ³ / ₄ | 72MR08407S |
| | 10 | 2 ¹ / ₂ | 950 | 11 ¹ / ₂ | 2 ¹ / ₄ | 20 ³ / ₄ | 72MR10407S |

Standard Bearing: Roller (01 or 07).

PHENOLIC MODELS

Phenolic

| TM | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 7 ¹ / ₂ | 72TM04201S |
|----|----|-------------------------------|------|--------------------------------|---------------------------------|--------------------------------|------------|
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 8 ¹ / ₂ | 72TM05201S |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 2 ¹ / ₄ | 9 ¹ / ₂ | 72TM06201S |
| | 6 | 2 ¹ / ₂ | 1600 | 7 ¹ / ₂ | 2 ¹ / ₄ | 10 ³ / ₄ | 72TM06407S |
| | 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 11 ³ / ₄ | 72TM08201S |
| | 8 | 2 ¹ / ₂ | 1600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 13 ¹ / ₄ | 72TM08407S |
| | 10 | 2 ¹ / ₂ | 1600 | 11 ¹ / ₂ | 2 ¹ / ₄ | 15 | 72TM10407S |

Standard Bearing: Roller (01 or 07).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

| RT | 4 | 2 | 1600 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 6 ¹ / ₂ | 72RT04201S |
|----|---|---|------|--------------------------------|---------------------------------|-------------------------------|------------|
| | 5 | 2 | 1600 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 6 ³ / ₄ | 72RT05201S |
| | 6 | 2 | 1600 | 7 ¹ / ₂ | 2 ¹ / ₄ | 7 ¹ / ₂ | 72RT06201S |
| | 8 | 2 | 1600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 9 ¹ / ₄ | 72RT08201S |

Standard Bearing: Roller (01).

72 Series Wheel Selection Hints



AX AN PM PD



PY PF SE XA

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



NX DT

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



CA

Metal tread

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



XS XR MR

Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



TM

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options



RT

Polypropylene

- Most economical
- Lightweight
- High-temp options

71

Medium Heavy Duty Casters

CAPACITY TO 1500



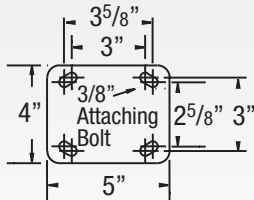
These heavy duty hot forged steel casters are designed for extended life in rugged applications. They will outperform cold forged or stamped steel casters in swivel applications.

TYPICAL APPLICATIONS

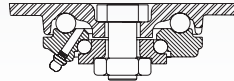
- Production racks and fixtures
- Live skids and Box trucks

MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 5 3/4 | 71AN04228S |
| 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 6 3/4 | 71AN06228S |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 8 1/2 | 71AN08228S |

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 4 | 2 | 800 | 5 5/8 | 1 7/16 | 5 1/2 | 71AX04228S | |
| 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 5 3/4 | 71AX05228S | |
| 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 6 3/4 | 71AX06228S | |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 8 1/2 | 71AX08228S | |

85 Shore A Standard Bearing: Precision Ball (28).

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 4 | 2 | 800 | 5 5/8 | 1 7/16 | 5 1/2 | 71AN04228S | |
| 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 5 3/4 | 71AN05228S | |
| 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 6 3/4 | 71AN06228S | |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 8 1/2 | 71AN08228S | |

85 Shore A Standard Bearing: Precision Ball (28).

Green Round Tread Polyurethane on Aluminum

| PM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 5 3/4 | 71PM05228S | |
| 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 6 3/4 | 71PM06228S | |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 8 1/2 | 71PM08228S | |

95 Shore A Standard Bearing: Precision Ball (28).

FEATURES

- **Top Plate:** AISI 1045 drop-forged steel for enhanced strength
- **Swivel Section:** Double ball bearing with coined "deep-groove" load and machined component thrust raceway
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter hollow axle with lock nut on straight roller bearings and delrin bearing offerings. Solid axle on ball, and Olex bearing offerings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle

BEARING OPTIONS



RIG OPTIONS

- **Sealed swivel section** specify **NS71**

ACCESSORIES

To order, add brake code below to end of model. Example: 71XS06201SCB71

Cam brake specify **CB71**



Face brake specify **FBB**



Poly Cam brake specify **P**



Swivel Lock (welded) specify **L**

Hand operated field installable **swivel lock** for standard plate order **SL710000** separately.



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 5 3/4 | 71PM05228S80A |
| 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 6 3/4 | 71PM06228S80A |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 8 1/2 | 71PM08228S80A |

POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

| PM 80A | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|--------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 5 3/4 | 71PM05228S80A | |
| 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 6 3/4 | 71PM06228S80A | |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 8 1/2 | 71PM08228S80A | |

80 Shore A Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Yellow Polyurethane on Heavy Duty Iron

| PF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 6 | 2 | 1500 | 7 1/2 | 2 1/4 | 11 | 71PF06228S | |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 14 | 71PF08228S | |

95 Shore A Standard Bearing: Precision Ball (28).

Green Polyurethane Crowned Tread on Aluminum

| PD | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 4 | 2 | 700 | 5 5/8 | 1 7/16 | 6 1/2 | 71PD04201S | |
| 5 | 2 | 1050 | 6 1/2 | 1 13/16 | 7 | 71PD05201S | |
| 6 | 2 | 1230 | 7 1/2 | 2 1/4 | 7 1/2 | 71PD06201S | |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 9 1/2 | 71PD08201S | |

Standard Bearing: Roller (01).

Endura Solid Elastomer Polyurethane

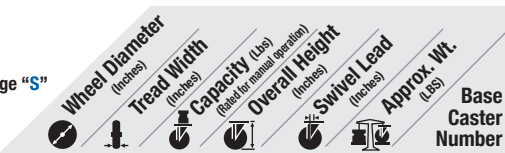
| SE | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 4 | 2 | 1000 | 5 5/8 | 1 7/16 | 7 1/2 | 71SE04228S | |
| 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 8 1/2 | 71SE05228S | |
| 6 | 2 | 1100 | 7 1/2 | 2 1/4 | 9 1/2 | 71SE06228S | |
| 8 | 2 | 1200 | 10 1/8 | 2 1/4 | 10 | 71SE08228S | |

Standard Bearing: Precision Ball (28).

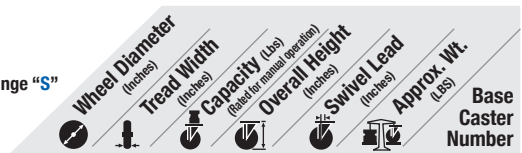


Continue on next page >>

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



NYLON MODELS

| Trionix™ High Impact Polymer | | | | | | | |
|------------------------------|---|---|------|--------|--------|-------|------------|
| NX | 4 | 2 | 1500 | 55/8 | 17/16 | 6 1/2 | 71NX04228S |
| | 5 | 2 | 1500 | 6 1/2 | 113/16 | 7 | 71NX05228S |
| | 6 | 2 | 1500 | 7 1/2 | 2 1/4 | 7 1/2 | 71NX06228S |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 9 1/2 | 71NX08228S |

Standard Bearing: Precision Ball (28).

| Heavy Duty Glass Filled Nylon | | | | | | | |
|-------------------------------|---|---|------|--------|--------|-------|------------|
| DT | 4 | 2 | 800 | 55/8 | 17/16 | 6 1/2 | 71DT04228S |
| | 5 | 2 | 1000 | 6 1/2 | 113/16 | 6 3/4 | 71DT05228S |
| | 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 7 3/4 | 71DT06228S |
| | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 10 | 71DT08228S |

Standard Bearing: Precision Ball (28).

METAL MODELS

| Crowned Tread Ductile Iron | | | | | | | |
|----------------------------|---|---|------|--------|-------|----|------------|
| FR | 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 10 | 71FR05201S |
| | 6 | 2 | 1500 | 7 1/2 | 2 1/4 | 12 | 71FR06201S |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 15 | 71FR08201S |

Standard Bearing: Roller (01).

| Cast Iron | | | | | | | |
|-----------|-------|---|------|--------|-------|--------|------------|
| CA | 3 1/4 | 2 | 700 | 5 1/4 | 17/16 | 8 1/4 | 71CA03201S |
| | 4 | 2 | 1000 | 5 5/8 | 17/16 | 8 1/4 | 71CA04201S |
| | 5 | 2 | 1300 | 6 1/2 | 1 1/2 | 9 1/4 | 71CA05201S |
| | 6 | 2 | 1400 | 7 1/2 | 2 1/4 | 11 1/4 | 71CA06201S |
| | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 14 1/2 | 71CA08201S |

Standard Bearing: Roller (01).

RUBBER MODELS

| Performa Flat Tread on Polypropylene | | | | | | | |
|--------------------------------------|---|---|-----|--------|--------|-------|------------|
| XS | 4 | 2 | 400 | 55/8 | 17/16 | 5 1/2 | 71XS04201S |
| | 5 | 2 | 500 | 6 1/2 | 113/16 | 6 1/4 | 71XS05201S |
| | 6 | 2 | 600 | 7 1/2 | 2 1/4 | 6 3/4 | 71XS06201S |
| | 8 | 2 | 675 | 10 1/8 | 2 1/4 | 8 1/2 | 71XS08201S |

Standard Bearing: Roller (01).
Optional Bearings: Precision Ball (28) Change 01 above to 28.

| Performa Round Tread on Polypropylene | | | | | | | |
|---------------------------------------|---|---|-----|--------|-------|-------|------------|
| XR | 6 | 2 | 450 | 7 1/2 | 2 1/4 | 6 3/4 | 71XR06201S |
| | 8 | 2 | 600 | 10 1/8 | 2 1/4 | 8 1/2 | 71XR08201S |

Standard Bearing: Roller (01).
Optional Bearings: Precision Ball (28) Change 01 above to 28.

| Moldon Rubber on Cast Iron | | | | | | | |
|----------------------------|---|---|-----|--------|--------|-------|------------|
| MR | 4 | 2 | 300 | 55/8 | 17/16 | 7 3/4 | 71MR04201S |
| | 5 | 2 | 450 | 6 1/2 | 113/16 | 8 | 71MR05201S |
| | 6 | 2 | 500 | 7 1/2 | 2 1/4 | 9 3/4 | 71MR06201S |
| | 8 | 2 | 600 | 10 1/8 | 2 1/4 | 12 | 71MR08201S |

Standard Bearing: Roller (01).

PHENOLIC MODELS

| Phenolic | | | | | | | |
|----------|-------|---|------|--------|--------|-------|------------|
| TM | 3 1/4 | 2 | 700 | 5 1/4 | 17/16 | 6 | 71TM03201S |
| | 4 | 2 | 800 | 5 5/8 | 17/16 | 6 1/2 | 71TM04201S |
| | 5 | 2 | 1000 | 6 1/2 | 113/16 | 6 3/4 | 71TM05201S |
| | 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 7 3/4 | 71TM06201S |
| | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 10 | 71TM08201S |

Standard Bearing: Roller (01).

POLYPROPYLENE MODELS

| Glass Filled Polypropylene | | | | | | | |
|----------------------------|---|---|------|--------|--------|-------|------------|
| RT | 4 | 2 | 800 | 55/8 | 17/16 | 5 1/2 | 71RT04201S |
| | 5 | 2 | 1000 | 6 1/2 | 113/16 | 6 1/4 | 71RT05201S |
| | 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 6 3/4 | 71RT06201S |
| | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 8 1/2 | 71RT08201S |

Standard Bearing: Roller (01).
Optional Bearings: Precision Ball (28) Change 01 above to 28.

71 Series Wheel Selection Hints



AX AN PM PD



PF SE

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



NX DT

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



FR CA

Metal

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



XS XR MR

Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



TM

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options



RT

Polypropylene

- Most economical
- Lightweight
- High-temp options

62

Medium Heavy Duty Casters

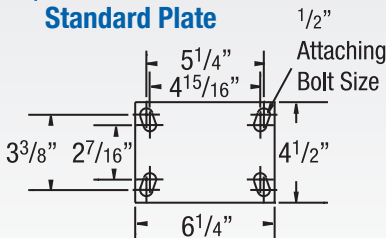
CAPACITY TO 1500



Manufactured from cold formed steel, this popular series features a heat treated king bolt and nut, ensuring durability and a longer caster life.

MOUNTING OPTIONS

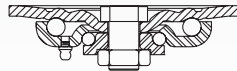
Standard Plate



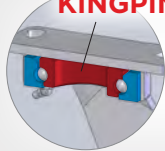
TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production jigs and fixtures

SWIVEL CROSS SECTION



KINGPINLESS



Need more **capacity?**
See kingpinless solutions on page 26-39

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 4 | 2 | 800 | 5 5/8 | 1 5/16 | 6 1/4 | 62AX04228S |
|----|---|---|------|--------|--------|--------|------------|
| | 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 7 1/4 | 62AX05228S |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 8 1/4 | 62AX06228S |
| | 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 10 1/2 | 62AX08228S |

85 Shore A Standard Bearing: Precision Ball (28).

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 4 | 2 | 800 | 5 5/8 | 1 5/16 | 6 1/4 | 62AN04228S |
|----|---|---|------|--------|--------|--------|------------|
| | 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 7 1/4 | 62AN05228S |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 8 1/4 | 62AN06228S |
| | 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 10 1/2 | 62AN08228S |

85 Shore A Standard Bearing: Precision Ball (28).



FEATURES

- **Top Plate:** Cold formed from 1/4" steel plate to provide the strongest possible section for swivel bearing
- **Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth then heat treated to minimize ball indentation and wear
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King bolt:** 3/4" heat treated king bolt and nut assembly
- **Axle:** 1/2" diameter hollow axle with recessed zerk fitting and lock nut on straight roller and Delrin bearing. Solid axle on ball and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle with straight roller bearing wheels
- **Finish:** All rigs are zinc plated to resist corrosion and rust
- **Notched Yoke Base:** Notched to accommodate swivel lock

RIG OPTIONS

- Neoprene sealed swivel section specify **NS62**

ACCESSORIES

To order, add brake code below to end of model. Example: 62XS06201**SCB62**

Cam brake specify **CB62**



Face brake specify **FBK**



Poly Cam brake specify **P**



Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock for standard plate order **SL620000** separately.



BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

| PM | 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 7 1/4 | 62PM05228S |
|----|--|---|--|--|--|----------------------------|------------|
| | 6 <td>2 <td>1250 <td>7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S</td> </td></td></td></td></td> | 2 <td>1250 <td>7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S</td> </td></td></td></td> | 1250 <td>7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S</td> </td></td></td> | 7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S</td> </td></td> | 1 3/4 <td>8 1/4 <td>62PM06228S</td> </td> | 8 1/4 <td>62PM06228S</td> | 62PM06228S |
| | 8 <td>2 <td>1500 <td>10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S</td> </td></td></td></td></td> | 2 <td>1500 <td>10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S</td> </td></td></td></td> | 1500 <td>10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S</td> </td></td></td> | 10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S</td> </td></td> | 1 3/4 <td>10 1/2 <td>62PM08228S</td> </td> | 10 1/2 <td>62PM08228S</td> | 62PM08228S |

95 Shore A Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

| PM 80A | 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 7 1/4 | 62PM05228S80A |
|--------|---|--|---|---|---|-------------------------------|---------------|
| | 6 <td>2 <td>1250 <td>7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S80A</td> </td></td></td></td></td> | 2 <td>1250 <td>7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S80A</td> </td></td></td></td> | 1250 <td>7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S80A</td> </td></td></td> | 7 1/2 <td>1 3/4 <td>8 1/4 <td>62PM06228S80A</td> </td></td> | 1 3/4 <td>8 1/4 <td>62PM06228S80A</td> </td> | 8 1/4 <td>62PM06228S80A</td> | 62PM06228S80A |
| | 8 <td>2 <td>1500 <td>10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S80A</td> </td></td></td></td></td> | 2 <td>1500 <td>10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S80A</td> </td></td></td></td> | 1500 <td>10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S80A</td> </td></td></td> | 10 1/8 <td>1 3/4 <td>10 1/2 <td>62PM08228S80A</td> </td></td> | 1 3/4 <td>10 1/2 <td>62PM08228S80A</td> </td> | 10 1/2 <td>62PM08228S80A</td> | 62PM08228S80A |

80 Shore A Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Green Polyurethane Crowned Tread on Aluminum

| PD | 4 | 2 | 700 | 5 5/8 | 1 5/16 | 6 1/2 | 62PD04201S |
|----|---|--|---|---|---|---------------------------|------------|
| | 5 <td>2 <td>1050 <td>6 1/2 <td>1 1/2 <td>6 1/2 <td>62PD05201S</td> </td></td></td></td></td> | 2 <td>1050 <td>6 1/2 <td>1 1/2 <td>6 1/2 <td>62PD05201S</td> </td></td></td></td> | 1050 <td>6 1/2 <td>1 1/2 <td>6 1/2 <td>62PD05201S</td> </td></td></td> | 6 1/2 <td>1 1/2 <td>6 1/2 <td>62PD05201S</td> </td></td> | 1 1/2 <td>6 1/2 <td>62PD05201S</td> </td> | 6 1/2 <td>62PD05201S</td> | 62PD05201S |
| | 6 <td>2 <td>1230 <td>7 1/2 <td>1 3/4 <td>7 1/4 <td>62PD06201S</td> </td></td></td></td></td> | 2 <td>1230 <td>7 1/2 <td>1 3/4 <td>7 1/4 <td>62PD06201S</td> </td></td></td></td> | 1230 <td>7 1/2 <td>1 3/4 <td>7 1/4 <td>62PD06201S</td> </td></td></td> | 7 1/2 <td>1 3/4 <td>7 1/4 <td>62PD06201S</td> </td></td> | 1 3/4 <td>7 1/4 <td>62PD06201S</td> </td> | 7 1/4 <td>62PD06201S</td> | 62PD06201S |
| | 8 <td>2 <td>1500 <td>10 1/8 <td>1 3/4 <td>8 1/2 <td>62PD08201S</td> </td></td></td></td></td> | 2 <td>1500 <td>10 1/8 <td>1 3/4 <td>8 1/2 <td>62PD08201S</td> </td></td></td></td> | 1500 <td>10 1/8 <td>1 3/4 <td>8 1/2 <td>62PD08201S</td> </td></td></td> | 10 1/8 <td>1 3/4 <td>8 1/2 <td>62PD08201S</td> </td></td> | 1 3/4 <td>8 1/2 <td>62PD08201S</td> </td> | 8 1/2 <td>62PD08201S</td> | 62PD08201S |

Standard Bearing: Roller (01).

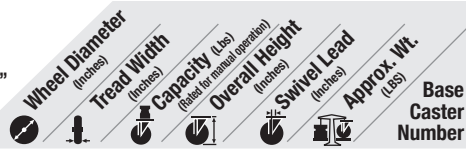
Yellow Polyurethane on Heavy Duty Iron

| PF | 6 | 2 | 1500 | 7 1/2 | 1 3/4 | 13 | 62PF06228S |
|----|--|--|------|--------|-------|----|------------|
| | 6 <td>2 <th>1500</th> <th>10 1/8</th> <th>1 3/4</th> <th>14</th> <th>62PF08228S</th> </td> | 2 <th>1500</th> <th>10 1/8</th> <th>1 3/4</th> <th>14</th> <th>62PF08228S</th> | 1500 | 10 1/8 | 1 3/4 | 14 | 62PF08228S |

Standard Bearing: Precision Ball (28).

Continue on next page >>

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.




POLYURETHANE MODELS (CONTINUED)

Green Polyurethane on Cast Iron

| | | | | | | | |
|--|----|-------|------|--------|-------|----|-------------------|
| PY  | 6 | 2 1/2 | 1500 | 7 1/2 | 1 3/4 | 13 | 62PY06407S |
| | 8 | 2 1/2 | 1500 | 10 1/8 | 1 3/4 | 16 | 62PY08407S |
| | 10 | 2 1/2 | 1500 | 11 1/2 | 1 3/4 | 17 | 62PY10407S |


Standard Bearing: Roller (01).

Endura Solid Elastomer Polyurethane

| | | | | | | | |
|--|---|---|------|--------|--------|--------|-------------------|
| SE  | 4 | 2 | 1000 | 5 5/8 | 1 5/16 | 6 1/4 | 62SE04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 7 1/4 | 62SE05228S |
| | 6 | 2 | 1100 | 7 1/2 | 1 3/4 | 8 1/4 | 62SE06228S |
| | 8 | 2 | 1200 | 10 1/8 | 1 3/4 | 10 1/2 | 62SE08228S |


Standard Bearing: Precision Ball (28).

High-Tech Antimicrobial Polyurethane on Polypropylene

| | | | | | | | |
|--|---|---|------|--------|--------|-------|-------------------|
| XA  | 4 | 2 | 720 | 5 5/8 | 1 5/16 | 6 1/2 | 62XA04201S |
| | 5 | 2 | 900 | 6 1/2 | 1 1/2 | 7 1/2 | 62XA05201S |
| | 6 | 2 | 1100 | 7 1/2 | 1 3/4 | 8 1/4 | 62XA06201S |
| | 8 | 2 | 1200 | 10 1/8 | 1 3/4 | 9 1/2 | 62XA08201S |

Standard Bearing: Roller (01).


High-Tech Polyurethane on Polypropylene (Maroon)

| | | | | | | | |
|--|---|---|------|--------|--------|-------|-------------------|
| XM  | 4 | 2 | 720 | 5 5/8 | 1 5/16 | 6 1/2 | 62XM04201S |
| | 5 | 2 | 900 | 6 1/2 | 1 1/2 | 7 1/2 | 62XM05201S |
| | 6 | 2 | 1100 | 7 1/2 | 1 3/4 | 8 1/4 | 62XM06201S |
| | 8 | 2 | 1200 | 10 1/8 | 1 3/4 | 9 1/2 | 62XM08201S |

Standard Bearing: Roller (01).


NYLON MODELS

Trionix™ High Impact Polymer

| | | | | | | | |
|--|---|---|------|--------|--------|-------|-------------------|
| NX  | 4 | 2 | 1500 | 5 5/8 | 1 5/16 | 8 1/4 | 62NX04228S |
| | 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 8 3/4 | 62NX05228S |
| | 6 | 2 | 1500 | 7 1/2 | 1 3/4 | 11 | 62NX06228S |
| | 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 14 | 62NX08228S |

Standard Bearing: Precision Ball (28).


Heavy Duty Glass Filled Nylon

| | | | | | | | |
|--|---|---|------|--------|--------|-------|-------------------|
| DT  | 4 | 2 | 800 | 5 5/8 | 1 5/16 | | 62DT04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 7 1/2 | 62DT05228S |
| | 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 8 1/4 | 62DT06228S |
| | 8 | 2 | 1400 | 10 1/8 | 1 3/4 | 9 1/2 | 62DT08228S |

Standard Bearing: Precision Ball (28).

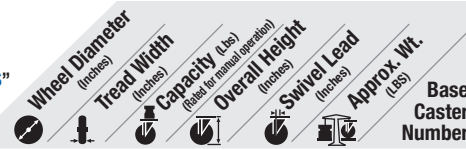
METAL MODELS

Crowned Tread Ductile Iron

| | | | | | | | |
|--|---|---|------|--------|-------|--------|-------------------|
| FR  | 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 10 1/4 | 62FR05201S |
| | 6 | 2 | 1500 | 7 1/2 | 1 3/4 | 11 | 62FR06201S |
| | 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 14 1/2 | 62FR08201S |


Standard Bearing: Roller (01).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



METAL MODELS (CONTINUED)


Cast Iron

| | | | | | | | |
|---|----|-------|------|--------|--------|--------|-------------------|
| CA  | 4 | 2 | 1000 | 5 5/8 | 1 5/16 | 8 1/4 | 62CA04201S |
| | 5 | 2 | 1300 | 6 1/2 | 1 1/2 | 9 1/4 | 62CA05201S |
| | 6 | 2 | 1400 | 7 1/2 | 1 3/4 | 11 1/4 | 62CA06201S |
| | 6 | 2 1/2 | 1500 | 7 1/2 | 1 3/4 | 13 | 62CA06407S |
| | 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 14 1/2 | 62CA08201S |
| | 8 | 2 1/2 | 1500 | 10 1/8 | 1 3/4 | 16 | 62CA08407S |
| | 10 | 2 1/2 | 1500 | 10 1/8 | 1 3/4 | 20 | 62CA10407S |

Standard Bearing: Roller (01 or 07).


RUBBER MODELS

Performa Flat Tread on Polypropylene

| | | | | | | | |
|---|---|---|-----|--------|--------|-------|-------------------|
| XS  | 4 | 2 | 400 | 5 5/8 | 1 5/16 | 6 1/2 | 62XS04201S |
| | 5 | 2 | 500 | 6 1/2 | 1 1/2 | 7 1/2 | 62XS05201S |
| | 6 | 2 | 600 | 7 1/2 | 1 3/4 | 8 1/4 | 62XS06201S |
| | 8 | 2 | 675 | 10 1/8 | 1 3/4 | 9 1/4 | 62XS08201S |


Standard Bearing: Roller (01).
Optional bearing: Precision Ball (28) change 01 to 28.

Performa Round Tread on Polypropylene

| | | | | | | | |
|---|---|---|-----|--------|-------|-------|-------------------|
| XR  | 6 | 2 | 450 | 7 1/2 | 1 3/4 | 8 1/4 | 62XR06201S |
| | 8 | 2 | 600 | 10 1/8 | 1 3/4 | 9 1/4 | 62XR08201S |

Standard Bearing: Roller (01).
Optional bearing: Precision Ball (28) change 01 to 28.


Moldon Rubber on Cast Iron

| | | | | | | | |
|---|----|-------|-----|--------|--------|--------|-------------------|
| MR  | 4 | 2 | 300 | 5 5/8 | 1 5/16 | 6 1/2 | 62MR04201S |
| | 5 | 2 | 450 | 6 1/2 | 1 1/2 | 7 1/2 | 62MR05201S |
| | 6 | 2 | 500 | 7 1/2 | 1 3/4 | 9 1/2 | 62MR06201S |
| | 6 | 2 1/2 | 700 | 7 1/2 | 1 3/4 | 12 | 62MR06407S |
| | 8 | 2 | 600 | 10 1/8 | 1 3/4 | 9 1/4 | 62MR08201S |
| | 8 | 2 1/2 | 850 | 10 1/8 | 1 3/4 | 14 1/2 | 62MR08407S |
| | 10 | 2 1/2 | 950 | 11 1/2 | 1 3/4 | 18 1/4 | 62MR10407S |

Standard Bearing: Roller (01 or 07).

PNEUMATIC MODELS


Monoprene Semi-Pneumatic

| | | | | | | | |
|---|---|---|-----|--------|-------|-------|-------------------|
| SZ  | 6 | 2 | 250 | 7 1/2 | 1 3/4 | 8 1/4 | 62SZ06228S |
| | 8 | 2 | 280 | 10 1/8 | 1 3/4 | 9 1/2 | 62SZ08228S |

Standard Bearing: Precision Ball (28).

PHENOLIC MODELS

Phenolic

| | | | | | | | |
|---|----|-------|------|--------|--------|--------|-------------------|
| TM  | 4 | 2 | 800 | 5 5/8 | 1 5/16 | 6 1/4 | 62TM04201S |
| | 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 6 3/4 | 62TM05201S |
| | 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 7 3/4 | 62TM06201S |
| | 6 | 2 1/2 | 1500 | 7 1/2 | 1 3/4 | 9 | 62TM06407S |
| | 8 | 2 | 1400 | 10 1/8 | 1 3/4 | 9 1/2 | 62TM08201S |
| | 8 | 2 1/2 | 1500 | 10 1/8 | 1 3/4 | 11 1/4 | 62TM08407S |
| | 10 | 2 1/2 | 1500 | 11 1/2 | 1 3/4 | 13 | 62TM10407S |

Standard Bearing: Roller (01 or 07).

62 Series Wheel Selection Hints



Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options

Metal

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options

16 Series Medium Heavy Duty Casters

Made in the USA

CAPACITY TO 1250

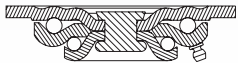


The 16 Series features a quality USA made rig and 3-year warranty, along with the most wheel and brake options in the industry. This quality lineup provides lasting value, all at a competitive price.

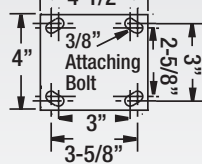
TYPICAL APPLICATIONS

- Shop/Distribution Carts
- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks

SWIVEL CROSS SECTION

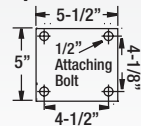


MOUNTING OPTIONS Standard Plate

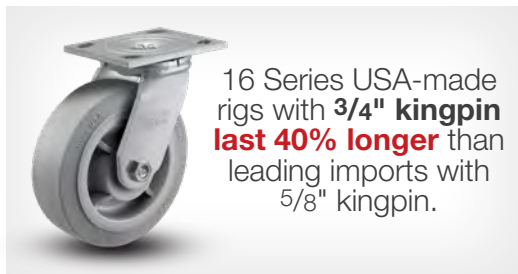
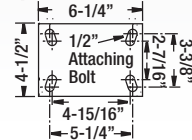


Special Order Plates

Optional D Plate



Optional K Plate



16 Series USA-made rigs with **3/4" kingpin** last **40% longer** than leading imports with 5/8" kingpin.

FEATURES

- All caster rigs and many wheels **now made in the USA**
- **3 Year** warranty
- **Improved zinc plated finish** for attractive appearance, better corrosion resistance and longer caster life
- **Bigger kingpin:** New bigger, stronger 3/4" kingpin on standard top plate
- **NSF Listed:** Consult factory for part specific information
- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- **Swivel Section:** Smooth formed, hardened double ball bearing raceways minimize ball indentation and wear
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and Delrin bearings. Axle is solid with ball, plain bore, and Oilex bearings
- **Wheel seals:** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and Delrin bearing wheels
- Alternate or custom caster configurations available

BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. Consult factory.

RIG OPTIONS

- Upper/lower raceway rubber seals help protect casters
- Notched seal kit
- Optional overall heights

ACCESSORIES

To order, add brake code below to end of model. Example: 16XS06201ST

Total Lock brake specify **T** (4" to 8" models) specify optional 7 1/2" (HS60) overall height model if ordering 6"



Cam brake specify **CB1**

Face brake specify **FBA**



Face brake specify **FBE**

Face brake specify **FBK**



Swivel Lock (welded) specify **L** (not available with Total Lock brakes)

Hand operated field installable **swivel lock** order **SL160000** separately



Foot operated field installable **swivel lock** order **SL160002** separately

Raceway grease seals, specify **SS02**



Continue on next page >>

Continued from previous page

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

| | | | | | | |
|----------------------------|-------------------------|--|----------------------------|-------------------------|----------------------|--------------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----------------------------|-------------------------|--|----------------------------|-------------------------|----------------------|--------------------------|

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| | | | | | | | |
|----|---|---|------|-------|---------|---|------------|
| AN | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 16AN04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 16AN05228S |
| | 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 7 | 16AN06228S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 16AN08228S |

85 Shore A
Learn more below

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| | | | | | | | |
|----|---|---|------|-------|---------|---|------------|
| AX | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 16AX04228S |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 16AX05228S |
| | 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 7 | 16AX06228S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 16AX08228S |

85 Shore A
Learn more below

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

Green Round Tread Polyurethane on Aluminum

| | | | | | | | |
|----|---|---|------|-------|-------|---|------------|
| PM | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 16PM05228S |
| | 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 7 | 16PM06228S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 16PM08228S |

95 Shore A

Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

| | | | | | | | |
|--------|---|---|------|-------|-------|---|---------------|
| PM 80A | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 16PM05228S80A |
| | 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 7 | 16PM06228S80A |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 16PM08228S80A |

80 Shore A

Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Green Polyurethane Crowned Tread on Aluminum

| | | | | | | | |
|----|---|---|------|-------|---------|-------|------------|
| PD | 4 | 2 | 700 | 5 5/8 | 1 11/16 | 5 | 16PD04201S |
| | 5 | 2 | 1050 | 6 1/2 | 1 5/8 | 5 1/4 | 16PD05201S |
| | 6 | 2 | 1230 | 7 1/4 | 1 3/4 | 5 3/4 | 16PD06201S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 7 | 16PD08201S |

Standard Bearing: Roller (01).

Economical Red Polyurethane on Iron

| | | | | | | | |
|----|---|---|------|-------|---------|-------|------------|
| IP | 4 | 2 | 700 | 5 5/8 | 1 11/16 | 7 | 16IP04201S |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 8 | 16IP05201S |
| | 6 | 2 | 1200 | 7 1/4 | 1 3/4 | 9 3/4 | 16IP06201S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 10 | 16IP08201S |

Standard Bearing: Roller (01).

High-Tech Antimicrobial Polyurethane on Polypropylene

| | | | | | | | |
|----|---|---|------|-------|---------|-------|------------|
| XA | 4 | 2 | 720 | 5 5/8 | 1 11/16 | 4 1/4 | 16XA04201S |
| | 5 | 2 | 900 | 6 1/2 | 1 5/8 | 4 3/4 | 16XA05201S |
| | 6 | 2 | 1100 | 7 1/4 | 1 3/4 | 5 1/2 | 16XA06201S |
| | 8 | 2 | 1200 | 9 1/2 | 1 3/4 | 7 1/2 | 16XA08201S |

Standard Bearing: Roller (01)

Hi-Tech Polyurethane on Polypropylene (Maroon)

| | | | | | | | |
|----|---|---|------|-------|---------|-------|------------|
| XM | 4 | 2 | 720 | 5 5/8 | 1 11/16 | 4 1/4 | 16XM04201S |
| | 5 | 2 | 900 | 6 1/2 | 1 5/8 | 4 3/4 | 16XM05201S |
| | 6 | 2 | 1100 | 7 1/4 | 1 3/4 | 5 1/2 | 16XM06201S |
| | 8 | 2 | 1200 | 9 1/2 | 1 3/4 | 7 1/2 | 16XM08201S |

Standard Bearing: Roller (01)

K Solid Polyurethane

| | | | | | | | |
|----|---|---|------|-------|---------|-------|------------|
| KW | 4 | 2 | 700 | 5 5/8 | 1 11/16 | 5 | 16KW04202S |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 5 1/2 | 16KW05202S |
| | 6 | 2 | 1200 | 7 1/4 | 1 3/4 | 6 1/4 | 16KW06202S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 | 16KW08202S |

Standard Bearing: Torrington roller (02).

V-Grooved Solid Polyurethane

| | | | | | | | |
|----|---|---|-----|-------|---------|-------|------------|
| XV | 4 | 2 | 300 | 5 5/8 | 1 11/16 | 4 1/2 | 16XV04202S |
| | 5 | 2 | 300 | 6 1/2 | 1 5/8 | 5 | 16XV05202S |
| | 6 | 2 | 300 | 7 1/4 | 1 3/4 | 5 1/4 | 16XV06202S |
| | 8 | 2 | 300 | 9 1/2 | 1 3/4 | 5 3/4 | 16XV08202S |

Standard Bearing: Drawn Cup Roller (02).
Optional Bearings: Delrin (52) Change 02 above to 52.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

| | | | | | | |
|----------------------------|-------------------------|--|----------------------------|-------------------------|----------------------|--------------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----------------------------|-------------------------|--|----------------------------|-------------------------|----------------------|--------------------------|

NYLON MODELS

Maxim® Glass Filled Nylon

| | | | | | | | |
|----|-------|---|------|-------|---------|-------|------------|
| NG | 3 1/4 | 2 | 700 | 4 1/4 | 1 3/4 | 5 | 16NG03201S |
| | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 16NG04201S |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 5 1/2 | 16NG05201S |
| | 6 | 2 | 1200 | 7 1/4 | 1 3/4 | 6 1/4 | 16NG06201S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 | 16NG08201S |

Standard Bearing: Roller (01).
Optional bearings: Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29)
and Delrin (51); change 01 above to optional bearing code.

Heavy Duty Glass Filled Nylon

| | | | | | | | |
|----|---|---|------|-------|---------|--|------------|
| DT | 4 | 2 | 800 | 5 5/8 | 1 11/16 | | 16DT04201S |
| | 5 | 2 | 1200 | 6 1/2 | 1 5/8 | | 16DT05201S |
| | 6 | 2 | 1250 | 7 1/4 | 1 3/4 | | 16DT06201S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | | 16DT08201S |

Standard Bearing: Roller (01).

High Temp Glass Filled Nylon

| | | | | | | | |
|----|---|---|------|-------|---------|--|------------|
| HT | 4 | 2 | 800 | 5 5/8 | 1 11/16 | | 16HT04201S |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | | 16HT05201S |
| | 6 | 2 | 1200 | 7 1/4 | 1 3/4 | | 16HT06201S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | | 16HT08201S |

Standard Bearing: Roller (01).

METAL MODELS

Cast Iron

| | | | | | | | |
|----|-------|---|------|-------|---------|--------|------------|
| CA | 3 1/4 | 2 | 700 | 4 1/4 | 1 3/4 | 6 3/4 | 16CA03201S |
| | 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 7 | 16CA04201S |
| | 5 | 2 | 1250 | 6 1/2 | 1 5/8 | 8 | 16CA05201S |
| | 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 9 3/4 | 16CA06201S |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 12 1/2 | 16CA08201S |

Standard Bearing: Roller (01).


V-Grooved Cast Iron

| | | | | | | | |
|----|---|---|------|-------|---------|-------|------------|
| VG | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 7 | 16VG04201S |
| | 5 | 2 | 800 | 6 1/2 | 1 5/8 | 8 3/4 | 16VG05201S |
| | 6 | 2 | 1000 | 7 1/4 | 1 3/4 | 9 3/4 | 16VG06201S |

Standard Bearing: Roller (01).

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™



- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

Visit albioncasters.com/CG-MAX
for additional information and CAD models.

Continued from previous page

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

RUBBER MODELS

Performa Flat Tread on Polypropylene

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|---------------------------------|-------------------------------|-------------------|
| XS | 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 ¹ / ₄ | 16XS04201S |
| | 5 | 2 | 375 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16XS05201S |
| | 6 | 2 | 600 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16XS06201S |
| | 8 | 2 | 675 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16XS08201S |



Standard Bearing: Roller (01).
Optional bearings: Precision Ball (28) and Delrin (51);
change 01 above to optional bearing code.

Performa Round Tread on Polypropylene

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|-------------------------------|-------------------------------|-------------------|
| XR | 6 | 2 | 450 | 7 ¹ / ₄ | 1 ³ / ₄ | 5 ¹ / ₂ | 16XR06201S |
| | 8 | 2 | 600 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16XR08201S |



Standard Bearing: Roller (01).
Optional bearings: Precision Ball (28) and Delrin (51);
change 01 above to optional bearing code.

Moldon Rubber on Cast Iron

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|---------------------------------|--------------------------------|-------------------|
| MR | 4 | 2 | 300 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 ¹ / ₄ | 16MR04201S |
| | 5 | 2 | 450 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16MR05201S |
| | 6 | 2 | 500 | 7 ¹ / ₄ | 1 ³ / ₄ | 8 | 16MR06201S |
| | 8 | 2 | 600 | 9 ¹ / ₂ | 1 ³ / ₄ | 10 ¹ / ₄ | 16MR08201S |



Standard Bearing: Roller (01).

Moldon Rubber on Aluminum

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|-------------------------------|-------------------------------|-------------------|
| MD | 6 | 2 | 550 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16MD06201S |
| | 8 | 2 | 600 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16MD08201S |



Standard Bearing: Roller (01).

PNEUMATIC STYLE MODELS

Monoprene Semi-Pneumatic

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|-------------------------------|-------------------------------|-------------------|
| SZ | 6 | 2 | 250 | 7 ¹ / ₄ | 1 ³ / ₄ | 5 ¹ / ₂ | 16SZ06228S |
| | 8 | 2 | 280 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16SZ08228S |



For grey tread specify
"SV" wheel code
(example 16SV05228S).

Standard Bearing:
Precision Ball (28).

PHENOLIC MODELS

Phenolic

| | | | | | | | |
|-----------|-------------------------------|---|------|-------------------------------|---------------------------------|-------------------------------|-------------------|
| TM | 3 ¹ / ₄ | 2 | 700 | 4 ¹ / ₄ | 1 ³ / ₄ | 4 ¹ / ₂ | 16TM03201S |
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 | 16TM04201S |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₄ | 16TM05201S |
| | 6 | 2 | 1200 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 ¹ / ₄ | 16TM06201S |
| | 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 8 | 16TM08201S |



Standard Bearing: Roller (01).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

| | | | | | | | |
|-----------|---|---|------|-------------------------------|---------------------------------|--|-------------------|
| RT | 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | | 16RT04201S |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | | 16RT05201S |
| | 6 | 2 | 1200 | 7 ¹ / ₄ | 1 ³ / ₄ | | 16RT06201S |
| | 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | | 16RT08201S |



Standard Bearing: Roller (01).

High Temp Polypropylene

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|---------------------------------|-------------------------------|-------------------|
| RW | 4 | 2 | 500 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 | 16RW04241S |
| | 5 | 2 | 650 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16RW05241S |
| | 6 | 2 | 700 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16RW06241S |
| | 8 | 2 | 900 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16RW08241S |



Standard Bearing: Plain Bore (41).

White Polypropylene

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|---------------------------------|-------------------------------|-------------------|
| PW | 4 | 2 | 450 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₂ | 16PW04241S |
| | 5 | 2 | 550 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 16PW05241S |
| | 6 | 2 | 650 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16PW06241S |



Standard Bearing: Plain Bore (41).

Polypropylene

| | | | | | | | |
|-----------|---|---|-----|-------------------------------|---------------------------------|-------------------------------|-------------------|
| PB | 4 | 2 | 450 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₂ | 16PB04201S |
| | 5 | 2 | 550 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 16PB05201S |
| | 6 | 2 | 750 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16PB06201S |
| | 8 | 2 | 850 | 9 ¹ / ₂ | 1 ³ / ₄ | 5 ¹ / ₂ | 16PB08201S |



Standard Bearing: Roller (01).

Optional bearings: Delrin (51) Bearings or plain bore (41);
change 01 above to optional bearing code.

16 Series Wheel Selection Hints



AX AN PM EG PD



PI KW XA XM XV

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



NG DT HT

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



CA VG

Metal

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



XS XR



MR MD SZ

Rubber/ Pneumatic Style

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption



TM

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options



RT RW PW PB

Polypropylene

- Most economical
- Lightweight
- High-temp options

HEAVY DUTY KINGPINLESS DUAL CAPACITY RANGE 280-30000 LBS



615 Series Swivel Ease

Dual times three!

Common Applications:

- Tool Carts
- Group Support Equipment
- Storage Racks
- Low Profile Carts
- Platforms
- Custom Material Handling
- Towable Transportation Equipment
- Workstations/Packaging

What are the Advantages of Albion's Dual Wheels?

- Higher load ratings with low overall heights
- Better product stability for safer footprint
- Maintain higher load ratings with softer wheel options – providing added floor and equipment protection



615 Series
Capacity to 9500 72



315 Series
Capacity to 4100 74



415 Series
Capacity to 5400 73



115 Series
Capacity to 2000 75

615

Kingpinless Dual Wheel Casters

CAPACITY TO 9500

Made in the USA

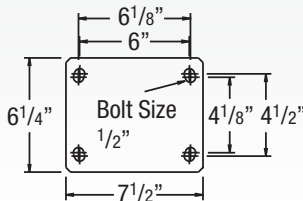


615 Series are dual wheel versions of our popular 610 Kingpinless Series, with the addition of a third full leg for even greater durability. These remarkably durable dual wheel series provide easy turning and a sturdy footprint you can rely on.

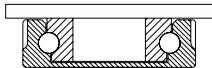
TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

MOUNTING OPTION



SWIVEL CROSS SECTION



WHEEL SELECTION



PY/PH
Polyurethane on Cast Iron Core

PF
Polyurethane on Heavy Duty Cast Iron Core

FS
Drop Forged



NX
Trionix™ High Impact Polymer

TM
Phenolic

TL
Laminated Phenolic



Premium Quality



Environmentally Friendly
(Consult factory)



Towing^

FEATURES

- **Dual Wheel:** 615 series is similar to 610 Series, but adds a wheel and a fork leg for extra strength
- **Top Plate:** 1/2" thick AISI 1045 steel precision machined and through-hardened for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerk in swivel section
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 3" tread width wheels feature a 3/4" axle, 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

ACCESSORIES



PLB Integrated specify **PLB**

Poly Cam Integrated Brake specify **P**



Hand operated field installable **swivel lock** order **SL6000000** separately

Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are 1/2" from floor.



BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Type | Base Caster Number Roller Bearing (01), Precision Ball (28) | Base Caster Number Tapered Roller Bearing (09) |
|-----------------------------------|----------------------|---|-------------------------|----------------------|--------------------------------------|---|--|
| 615 Kingpinless Dual Wheel | | | | | | | |
| 6 | 3 | 9500 | 9 | 13/4 | Trionix™ High Impact Polymer | 615NX06528S | |
| 6 | 3 | 6600 | 9 | 13/4 | Polyurethane on Heavy Duty Cast Iron | 615PF06528S | |
| 6 | 3 | 9500 | 9 | 13/4 | Drop Forged | 615FS06501S | 615FS06509S |
| 8 | 3 | 9500 | 11 | 2 1/4 | Laminated Phenolic | | 615TL08509S |
| 8 | 3 | 5040 | 11 | 2 1/4 | Polyurethane on Cast Iron | 615PH08501S | 615PY08509S |
| 8 | 3 | 9500 | 11 | 2 1/4 | Trionix™ High Impact Polymer | 615NX08528S | |
| 8 | 3 | 8000 | 11 | 2 1/4 | Polyurethane on Heavy Duty Cast Iron | 615PF08528S | |
| 8 | 4 | 7000 | 11 | 2 1/4 | Polyurethane on Cast Iron | 615PY08701S | 615PY08709S |
| 10 | 3 | 9500 | 13 | 2 3/4 | Laminated Phenolic | | 615TL10509S |
| 10 | 3 | 6000 | 13 | 2 3/4 | Polyurethane/Iron | 615PH10501S | 615PY10509S |
| 10 | 3 | 9500 | 13 | 2 3/4 | Trionix™ High Impact Polymer | 615NX10528S | |
| 10 | 3 | 8400 | 13 | 2 3/4 | Polyurethane on Heavy Duty Cast Iron | 615PF10528S | |
| 10 | 3 | 9500 | 13 | 2 3/4 | Drop Forged | 615FH10501S | 615FH10509S |
| 10 | 4 | 9500 | 13 | 2 3/4 | Drop Forged | | 615FH10709S |
| 10 | 4 | 8400 | 13 | 2 3/4 | Polyurethane on Cast Iron | 615PY10701S | 615PY10709S |
| 10 | 5 | 9500 | 13 | 2 3/4 | Polyurethane on Cast Iron | 615PY10801S | 615PY10809S |
| 12 | 3 | 6840 | 15 1/2 | 3 5/8 | Polyurethane on Cast Iron | 615PH12501S | 615PY12509S |
| 12 | 3 | 8800 | 15 1/2 | 3 5/8 | Polyurethane on Heavy Duty Cast Iron | 615PF12528S | |
| 12 | 3 | 9500 | 15 1/2 | 3 5/8 | Trionix™ High Impact Polymer | 615NX12528S | |
| 12 | 4 | 9600 | 15 1/2 | 3 5/8 | Polyurethane on Cast Iron | 615PY12701S | 615PY12709S |
| 12 | 5 | 9500 | 15 1/2 | 3 5/8 | Polyurethane on Cast Iron | | 615PY12809S |

See 610 Series section for wheel appearance and descriptions.

415

Kingpinless Dual Wheel Casters

CAPACITY TO 5400



FEATURES

- **Dual Wheel:** 415 series is similar to 410 Series, but adds a wheel and a fork leg for extra strength
- Laser-cut steel rigs and many wheels now **Made in the USA**
- **3 Year warranty**
- See 410 series for features and mounting options
- **Top Plate:** 3/8" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

ACCESSORIES



PLB Integrated specy PLB

Poly Cam Integrated Brake specify **P**



Hand operated field installable **swivel lock** order **SL4000000** separately

Add **TO** to end of Caster Number



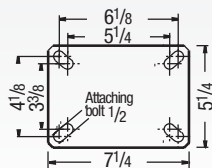
to specify integrated toe guard. Standard model toe guards are 1/2" from floor.

The 415 Series are dual wheel versions of our popular 410 Kingpinless Series, with the addition of a third full lefor even greater durability. These remarkably durable dual wheel series provide easy turning and a sturdy footprint you can rely on.

TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

MOUNTING OPTION



BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

SWIVEL CROSS SECTION



WHEEL SELECTION



PY Polyurethane on Cast Iron Core
PF Polyurethane on Heavy Duty Cast Iron Core
CA Cast Iron



NX Trionix™ High Impact Polymer
TM Phenolic
MR Moldon Rubber on Cast Iron Core

| 415 Kingpinless Dual Wheel | | | | | Wheel Type | Base Swivel Caster Number Roller Bearing (01), Precision Ball (28) | Base Swivel Caster Number Tapered Roller Bearing (09) |
|----------------------------|----------------------|--|-------------------------|----------------------|--------------------------------------|--|---|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | | | |
| 6 | 3 | 4000 | 8 | 2 1/4 | Phenolic | 415TM06501S | 415TM06509S |
| 6 | 3 | 4080 | 8 | 2 1/4 | Polyurethane on Cast Iron | 415PY06501S | 415PY06509S |
| 6 | 3 | 5400 | 8 | 2 1/4 | Cast Iron | 415CA06501S | 415CA06509S |
| 6 | 3 | 5400 | 8 | 2 1/4 | Trionix™ High Impact Polymer | 415NX06528S | |
| 6 | 3 | 5400 | 8 | 2 1/4 | Polyurethane on Heavy Duty Cast Iron | 415PF06528S | |
| 8 | 3 | 1800 | 10 1/2 | 2 3/4 | Mold-on Rubber on Cast Iron | 415MR08501S | 415MR08509S |
| 8 | 3 | 5000 | 10 1/2 | 2 3/4 | Polyurethane on Cast Iron | 415PY08501S | 415PY08509S |
| 8 | 3 | 5400 | 10 1/2 | 2 3/4 | Polyurethane on Heavy Duty Cast Iron | 415PF08528S | |
| 8 | 3 | 5000 | 10 1/2 | 2 3/4 | Phenolic | 415TM08501S | 415TM08509S |
| 8 | 3 | 5400 | 10 1/2 | 2 3/4 | Cast Iron | 415CA08501S | 415CA08509S |
| 8 | 3 | 5400 | 10 1/2 | 2 3/4 | Trionix™ High Impact Polymer | 415NX08528S | |
| 10 | 3 | 2000 | 12 1/2 | 3 3/8 | Mold-on Rubber on Iron | 415MR10501S | 415MR10509S |
| 10 | 3 | 5400 | 12 1/2 | 3 3/8 | Polyurethane on Cast Iron | 415PY10501S | 415PY10509S |
| 10 | 3 | 5400 | 12 1/2 | 3 3/8 | Polyurethane on Heavy Duty Cast Iron | 415PF10528S | |
| 10 | 3 | 5400 | 12 1/2 | 3 3/8 | Phenolic | 415TM10501S | 415TM10509S |
| 10 | 3 | 5400 | 12 1/2 | 3 3/8 | Cast Iron | 415CA10501S | 415CA10509S |
| 10 | 3 | 5400 | 12 1/2 | 3 3/8 | Trionix™ High Impact Polymer | 415NX10528S | |
| 12 | 3 | 5400 | 15 1/2 | 4 1/8 | Polyurethane on Cast Iron | 415PY12501S | 415PY12509S |
| 12 | 3 | 5400 | 15 1/2 | 4 1/8 | Polyurethane on Heavy Duty Cast Iron | 415PF12528S | |
| 12 | 3 | 5400 | 15 1/2 | 4 1/8 | Phenolic | 415TM12501S | 415TM12509S |
| 12 | 3 | 5400 | 15 1/2 | 4 1/8 | Cast Iron | 415CA12501S | 415CA12509S |
| 12 | 3 | 5400 | 15 1/2 | 4 1/8 | Trionix™ High Impact Polymer | 415NX12528S | |

See 410 Series section for wheel appearance and descriptions.

615/415 SERIES • CAPACITY TO 9500

HEAVY DUTY KINGPINLESS DUAL CASTERS

315

Kingpinless Dual Wheel Casters

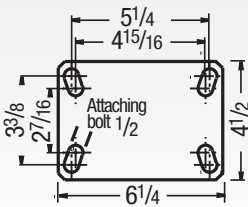
CAPACITY TO 4100

Made in the USA



The 315 Series is a dual wheel version of our popular 310 Kingpinless Series, with the addition of a third full leg for even greater durability. This remarkably durable dual wheel series provides easy turning and a sturdy footprint you can rely on.

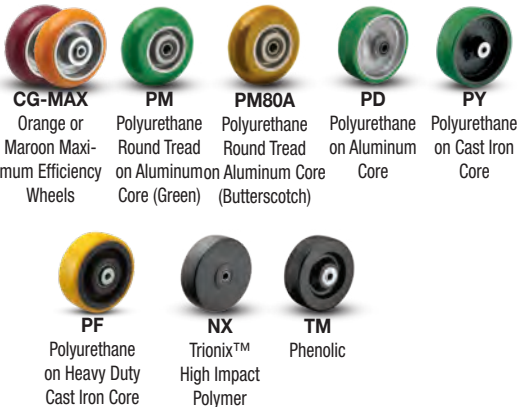
MOUNTING OPTION



SWIVEL CROSS SECTION



WHEEL SELECTION



FEATURES

- **Dual Wheel:** 315 series is similar to 310 Series, but adds a wheel and a fork leg for extra strength
- Laser-cut steel rigs and many wheels now **Made in the USA**
- **3 Year** warranty
- **Top Plate:** 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 1/2" diameter axle for 6" and 8" models, 3/4" diameter axle for 10" and 12" models
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- See 310 Series section for features and mounting options.
- Alternate or custom caster configurations available

ACCESSORIES



PLB Integrated specify **PLB**

Poly Cam Integrated Brake specify **P**

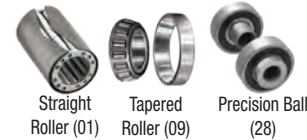


Hand operated field installable **swivel lock** order **SL3000000** separately



Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are 1/2" from floor.

BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Type | Base Swivel Caster Number Roller Bearing (01, 09) | Base Swivel Caster Number Precision Ball Bearing (28) |
|-----------------------------------|----------------------|--|-------------------------|----------------------|---|---|---|
| 315 Kingpinless Dual Wheel | | | | | | | |
| 6 | 2 | 2500 | 8 | 19/16 | CG-MAX Polyurethane (Maroon) | 315TM06201S | 315AX06228S |
| 6 | 2 | 2500 | 8 | 19/16 | CG-MAX Polyurethane (Orange) | | 315AN06228S |
| 6 | 2 | 2400 | 8 | 19/16 | Phenolic | 315PD06201S | 315PM06228S |
| 6 | 2 | 2500 | 8 | 19/16 | Round Tread Polyurethane on Alu. (Green) | | 315PM06228S80A |
| 6 | 2 | 2500 | 8 | 19/16 | Round Tread Polyurethane on Alu. (Butsc.) | 315TM06501S | 315PF06228S |
| 6 | 2 | 2460 | 8 | 19/16 | Polyurethane on Aluminum | | 315NX06228S |
| 6 | 2 | 4000 | 8 | 19/16 | Polyurethane on Heavy Duty Cast Iron | 315TM06501S | 315PF06528S |
| 6 | 2 | 4100 | 8 | 19/16 | Trionix™ High Impact Polymer | | 315NX06528S |
| 6 | 3 | 4000 | 8 | 19/16 | Phenolic | 315TM08201S | 315AX08228S |
| 6 | 3 | 4100 | 8 | 19/16 | Polyurethane on Heavy Duty Cast Iron | | 315AN08228S |
| 6 | 3 | 4100 | 8 | 19/16 | Trionix™ High Impact Polymer | 315PD08201S | 315PM08228S |
| 8 | 2 | 3000 | 10 1/8 | 2 1/8 | CG-MAX Polyurethane (Maroon) | | 315PM08228S80A |
| 8 | 2 | 3000 | 10 1/8 | 2 1/8 | CG-MAX Polyurethane (Orange) | 315TM08501S | 315AX08228S |
| 8 | 2 | 2800 | 10 1/8 | 2 1/8 | Phenolic | | 315AN08228S |
| 8 | 2 | 3000 | 10 1/8 | 2 1/8 | Round Tread Polyurethane on Alu. (Green) | 315PD08501S | 315PM08228S |
| 8 | 2 | 3000 | 10 1/8 | 2 1/8 | Round Tread Polyurethane on Alu. (Butsc.) | | 315PM08228S80A |
| 8 | 2 | 3000 | 10 1/8 | 2 1/8 | Polyurethane on Aluminum | 315TM08501S | 315PF08228S |
| 8 | 2 | 4100 | 10 1/8 | 2 1/8 | Polyurethane on Heavy Duty Cast Iron | | 315NX08228S |
| 8 | 2 | 4100 | 10 1/8 | 2 1/8 | Trionix™ High Impact Polymer | 315PD08501S | 315PF08528S |
| 8 | 3 | 4100 | 10 1/8 | 2 1/8 | Phenolic | | 315NX08528S |
| 8 | 3 | 4100 | 10 1/8 | 2 1/8 | Polyurethane on Aluminum | 315TM10501S | 315AX10228S |
| 8 | 3 | 4100 | 10 1/8 | 2 1/8 | Polyurethane on Heavy Duty Cast Iron | | 315AN10228S |
| 8 | 3 | 4100 | 10 1/8 | 2 1/8 | Trionix™ High Impact Polymer | 315PY10501S | 315PF10528S |
| 10 | 2 | 4000 | 12 | 2 1/4 | CG-MAX Polyurethane (Maroon) | | 315NX10528S |
| 10 | 2 | 4000 | 12 | 2 1/4 | CG-MAX Polyurethane (Orange) | 315TM10501S | 315AX10228S |
| 10 | 3 | 4000 | 12 | 2 1/4 | Phenolic | | 315AN10228S |
| 10 | 3 | 4100 | 12 | 2 1/4 | Polyurethane on Cast Iron | 315PY10501S | 315PF10528S |
| 10 | 3 | 4100 | 12 | 2 1/4 | Polyurethane on Heavy Duty Cast Iron | | 315NX10528S |
| 10 | 3 | 4100 | 12 | 2 1/4 | Trionix™ High Impact Polymer | 315TM12501S | 315PF12528S |
| 12 | 3 | 4100 | 14 | 2 11/16 | Phenolic | | 315NX12528S |
| 12 | 3 | 4100 | 14 | 2 11/16 | Polyurethane on Cast Iron | 315PY12501S | 315PF12528S |
| 12 | 3 | 4100 | 14 | 2 11/16 | Polyurethane on Heavy Duty Cast Iron | | 315NX12528S |
| 12 | 3 | 4100 | 14 | 2 11/16 | Trionix™ High Impact Polymer | | |

See 310 Series section for wheel appearance and descriptions.

115

Kingpinless Dual Wheel Casters

CAPACITY TO 2000

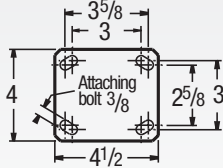


The 115 Series is a dual wheel version of our popular 110 Kingpinless Series, with the addition of a third full leg for even greater durability. This remarkably durable dual wheel series provides easy turning and a sturdy footprint you can rely on.

TYPICAL APPLICATIONS

- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

MOUNTING OPTIONS Standard Plate



SWIVEL CROSS SECTION



Drive lasting results with

CG-MAX EFFICIENCY WHEEL™



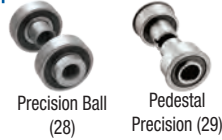
WHEEL SELECTION



FEATURES

- **Dual Wheel:** 115 series is similar to 110 Series, but adds a wheel and a fork leg for extra strength
- **3 Year warranty**
- **Top Plate:** 5/16" AISI 1045 steel welded and heat treated for longer life
- **Yoke Base:** Notched AISI 1045 steel with extra leg for greater durability.
- **Swivel Section:** One row of 3/8" ball bearings mounted in a **heat treated** precision machined race-way. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on precision ball models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Optional swivel leads** of 2-1/4" for 8" casters. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.

ACCESSORIES



PLB Integrated Brake
specify (6" & 8" diameter models only) **PLB**

Poly Cam Integrated Brake
specify **P**



Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are 1/2" from floor

Hand operated field installable **swivel lock** order **SL16000013A** separately



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Type | Base Swivel Caster Number Precision Ball (28) | Base Swivel Caster Number Pedestal Precision Ball (29) |
|-------------------------|----------------------|--|-------------------------|----------------------|--|---|--|
| 4 | 2 | 1600 | 5 11/16 | 1 3/16 | CG-MAX Polyurethane (Maroon) | 115AX04228S | |
| 4 | 2 | 1600 | 5 3/4 | 1 3/16 | CG-MAX Polyurethane (Orange) | 115AN04228S | |
| 4 | 2 | 1600 | 5 3/4 | 1 3/16 | Phenolic | | 115TM04229S |
| 4 | 2 | 1400 | 5 3/4 | 1 3/16 | Polyurethane on Aluminum | | 115PD04229S |
| 4 | 2 | 2000 | 5 3/4 | 1 3/16 | Trionix™ High Impact Polymer | 115NX04228S | |
| 5 | 2 | 2000 | 6 3/4 | 1 1/2 | CG-MAX Polyurethane (Maroon) | 115AX05228S | |
| 5 | 2 | 2000 | 6 3/4 | 1 1/2 | CG-MAX Polyurethane (Orange) | 115AN05228S | |
| 5 | 2 | 2000 | 6 3/4 | 1 1/2 | Round Polyurethane on Alum. (Green) | 115PM05228S | |
| 5 | 2 | 2000 | 6 3/4 | 1 1/2 | Round Polyurethane on Al. (Butterscotch) | 115PM05228S80A | |
| 5 | 2 | 2000 | 6 3/4 | 1 1/2 | Polyurethane on Aluminum | | 115PD05229S |
| 5 | 2 | 2000 | 6 3/4 | 1 1/2 | Phenolic | | 115TM05229S |
| 5 | 2 | 2000 | 6 3/4 | 1 1/2 | Trionix™ High Impact Polymer | 115NX05228S | |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | CG-MAX Polyurethane (Maroon) | 115AX06228S | |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | CG-MAX Polyurethane (Orange) | 115AN06228S | |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | Round Polyurethane on Alum. (Green) | 115PM06228S | |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | Round Polyurethane on Al. (Butterscotch) | 115PM06228S80A | |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | Polyurethane on Aluminum | | 115PD06229S |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | Polyurethane on Heavy Duty Cast Iron | 115PF06228S | |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | Phenolic | | 115TM06229S |
| 6 | 2 | 2000 | 7 3/4 | 1 9/16 | Trionix™ High Impact Polymer | 115NX06228S | |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | CG-MAX Polyurethane (Maroon) | 115AX08228S | |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | CG-MAX Polyurethane (Orange) | 115AN08228S | |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | Round Polyurethane on Alum. (Green) | 115PM08228S | |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | Round Polyurethane on Al. (Butterscotch) | 115PM08228S80A | |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | Polyurethane on Aluminum | | 115PD08229S |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | Polyurethane on Heavy Duty Cast Iron | 115PF08228S | |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | Phenolic | | 115TM08229S |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | Trionix™ High Impact Polymer | 115NX08228S | |

See 110 Series section for wheel appearance and descriptions.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

315/115 SERIES • CAPACITY TO 4100

HEAVY DUTY KINGPINLESS DUAL CASTERS

HEAVY DUTY FORGED KINGPINLESS DUAL CAPACITY RANGE 7700-30000 LBS



850 Series

When Failure is Not an Option.

Common Applications:

- Tool Carts
- Group Support Equipment
- Storage Racks
- Low Profile Carts
- Platforms
- Custom Material Handling
- Towable Transportation Equipment
- Workstations/Packaging

What are the Advantages of Albion's Dual Wheels?

- Higher load ratings with low overall heights
- Better product stability for safer footprint
- Maintain higher load ratings with softer wheel options – providing added floor and equipment protection



850 Series **Page**
Capacity to 30000 **77**

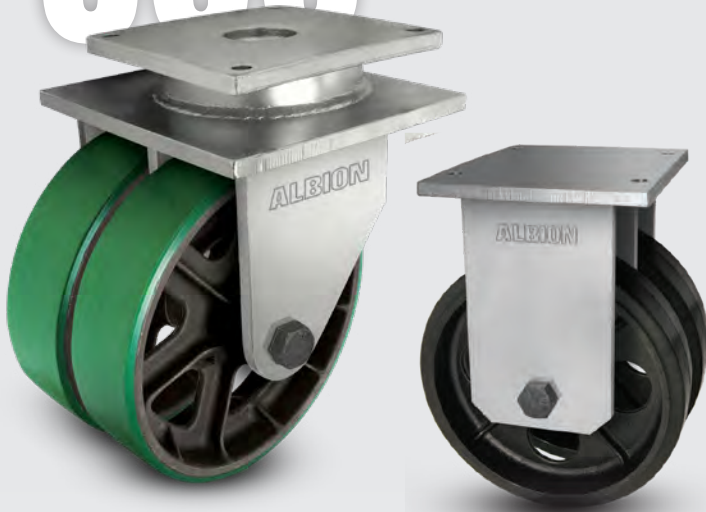


750 Series **Page**
Capacity to 20000 **78**

850

Shockmaster Kingpinless Dual Wheel Casters

CAPACITY TO 30000



This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. 850 Series are equally at home in many other extremely abusive and rugged applications.

TYPICAL APPLICATIONS

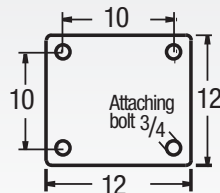
- Custom applications
- Towable transportation equipment
- Aircraft wing jacks and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

SWIVEL CROSS SECTION

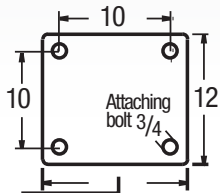


MOUNTING OPTION

Swivel Top Plate



Rigid Top Plate



- 10" for 3" Wide Wheels
- 15-3/8" for 4 to 5" Wide Wheels
- 17-1/4" for 6" Wide Wheels
- 23-1/4" for 9" Wide Wheels

WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!



Premium Quality



Environmentally Friendly
(Consult factory)



Towing^

FEATURES

- **Top Plate:** 3/4" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Yoke Base:** AISI 1045 steel forging welded using 100,000 psi weld filler to 3/4" thick adapter plate
- **Swivel Section:** 7/8" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 3/4" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY850**
- Spring-loaded models available, consult factory. Single models available also

ACCESSORIES

Poly Cam Integrated Brake specify **P**



Face Contact Brake specify **F**

BEARING OPTIONS



Tapered Roller (09)

Hand operated field installable **swivel lock** order **SL8000000** separately with notched yoke option NY850



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

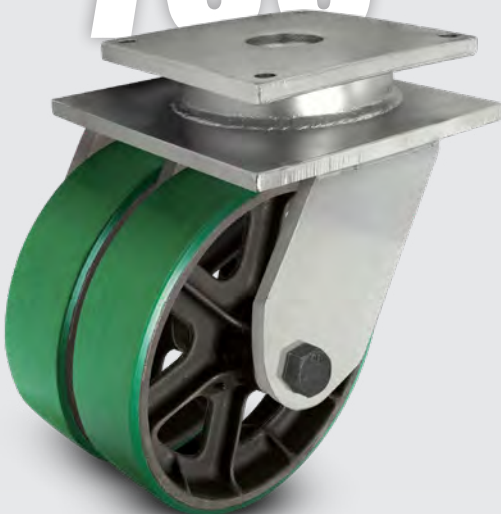
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Type | Base Swivel Caster Number Roller Bearing (01), Tapered Roller Bearing (09) |
|-------------------------|----------------------|---|-------------------------|----------------------|--------------------------|---|
| 6 | 3 | 30000 | 11 | 3/4 | HD Drop Forged | 850FH06509S |
| 10 | 4 | 30000 | 14 ^{3/4} | 3/4 | HD Drop Forged | 850FH10709S |
| 12 | 4 | 9600 | 15 ^{3/4} | 3/4 | Polyurethane/Iron Core | 850PY12709S |
| 12 | 4 | 10560 | 15 ^{3/4} | 3/4 | Thick Tread Polyurethane | 850PX12709S |
| 12 | 5 | 13200 | 15 ^{3/4} | 3/4 | Thick Tread Polyurethane | 850PX12809S |
| 12 | 6 | 15000 | 15 ^{3/4} | 3/4 | Polyurethane/Aluminum | 850PA12909S |
| 16 | 4 | 11940 | 19 ^{3/4} | 4 1/2 | Polyurethane/Iron Core | 850PY16709S |
| 16 | 5 | 15400 | 19 ^{3/4} | 4 1/2 | Polyurethane/Iron Core | 850PY16809S |
| 18 | 5 | 16800 | 22 | 5 1/4 | Polyurethane/Iron Core | 850PY18809S |
| 18 | 5 | 10340 | 22 | 4 1/2 | Press-on Polyurethane | 8500G18809S |
| 18 | 9 | 20000 | 22 | 4 1/2 | Press-on Polyurethane | 8500G18909S |

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

750

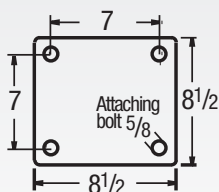
Shockmaster Kingpinless Dual Wheel Casters

CAPACITY TO 20000



These dual wheel super duty casters are built specifically for that potentially punishing application where reliability is essential. One-piece forging is precision machined and carefully constructed to deliver the utmost durability in handling shock and impact.

MOUNTING OPTION



TYPICAL APPLICATIONS

- Aircraft engine stands
- Ground support equipment
- Aerospace A-frame skin dollies
- Portable jigs
- Tooling fixtures
- Die carts
- Large platform work

SWIVEL CROSS SECTION



Premium Quality



Environmentally Friendly
(Consult factory)



Towing[^]

FEATURES

- **Dual Wheel:** 750 series is similar to 700 Series, but adds a wheel and a fork leg for extra strength
- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 1/2" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY700**
- Spring-loaded, dual wheel models available, consult factory

ACCESSORIES

Poly Cam brake
specify **P**



Face Contact brake
specify **F**

BEARING OPTIONS



Tapered Roller (09)

Hand operated field installable **swivel lock** order **SL7000000** separately with notched yoke option NY700



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Type | Base Swivel Caster Number Roller Bearing (01), Tapered Roller Bearing (09) |
|---|----------------------|---|-------------------------|----------------------|---------------------------|---|
| 850 Shockmaster Kingpinless Dual Wheel | | | | | | |
| 8 | 4 | 20000 | 11 1/2 | 2 1/4 | Forged Steel | 750FS08709S |
| 8 | 4 | 20000 | 11 1/2 | 2 1/4 | HD Drop Forged | 750FH08709S |
| 8 | 4 | 7600 | 11 1/2 | 2 1/4 | Polyurethane/Iron Core | 750PY08709S |
| 8 | 4 | 7700 | 11 1/2 | 2 1/4 | Thick Tread Polyurethane | 750PX08709S |
| 8 | 4 | 20000 | 11 1/2 | 2 1/4 | Drop Forged V-Groove | 750VF08709S |
| 8 | 4 | 20000 | 11 1/2 | 2 1/4 | Drop Forged V-Groove (HD) | 750VH08709S |
| 10 | 4 | 20000 | 13 1/2 | 2 1/2 | Forged Steel | 750FS10709S |
| 10 | 4 | 20000 | 13 1/2 | 2 1/2 | HD Drop Forged | 750FH10709S |
| 10 | 4 | 8400 | 13 1/2 | 2 1/2 | Polyurethane/Iron Core | 750PY10709S |
| 10 | 4 | 9240 | 13 1/2 | 2 1/2 | Thick Tread Polyurethane | 750PX10709S |
| 10 | 4 | 20000 | 13 1/2 | 2 1/2 | Drop Forged V-Groove | 750VF10709S |
| 10 | 4 | 20000 | 13 1/2 | 2 1/2 | Drop Forged V-Groove (HD) | 750VH10709S |
| 10 | 5 | 10000 | 13 3/4 | 2 3/4 | Polyurethane/Iron Core | 750PY10809S |
| 10 | 5 | 11000 | 13 3/4 | 2 3/4 | Thick Tread Polyurethane | 750PX10809S |
| 12 | 4 | 9600 | 15 1/2 | 3 1/4 | Polyurethane/Iron Core | 750PY12709S |
| 12 | 4 | 10560 | 15 1/2 | 3 1/4 | Thick Tread Polyurethane | 750PX12709S |
| 12 | 5 | 12000 | 15 3/4 | 3 1/4 | Polyurethane/Iron Core | 750PY12809S |
| 12 | 5 | 13200 | 15 3/4 | 3 1/4 | Thick Tread Polyurethane | 750PX12809S |

HEAVY DUTY KINGPIN DUAL

CAPACITY RANGE 700-20000 LBS



298 Series

Before you fly, you have to roll

Common Applications:

- Tool Carts
- Group Support Equipment
- Storage Racks
- Low Profile Carts
- Platforms
- Custom Material Handling Equipment
- Towable Transportation Equipment
- Workstations/Packaging

What are the Advantages of Albion's Dual Wheels?

- Higher load ratings with low overall heights
- Better product stability for safer footprint
- Maintain higher load ratings with softer wheel options – providing added floor and equipment protection



298 Series
Capacity up to 20000..... 80



290 Series
Capacity to 3500 82



295 Series
Capacity to 17000 81



281 Series
Capacity to 2000 83

298

Aviation Ground Equipment Casters

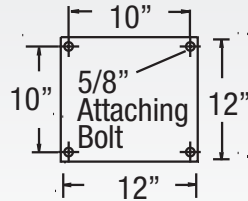
CAPACITY TO 20000



Optional Face Contact Brake Shown

Designed to meet the varied needs of the aviation ground support equipment industry, the 298 series sets the standards. Constructed with an oscillating, compensating wheel axle and cushion suspension leveling, these casters can stand up to even the most rigorous conditions. All optional features can be installed at the factory without an increase to order lead time. A spring assembly can be retrofitted at a later date; please consult factory. The swivel lock and face contact brake are field installable.

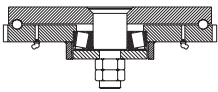
MOUNTING OPTION



TYPICAL APPLICATIONS

- Aviation work stands
- Hangar doors
- Fuel cell transport

SWIVEL CROSS SECTION



Premium Quality



Environmentally Friendly
(Consult factory)



Towing[^]

FEATURES

- **Top Plate and Yoke Base:** 1" thick 1045 AISI heat treated steel plate for superior strength
- **Swivel Raceways:** 1 1/2" diameter precision machined load raceway with 5/8" steel and tapered roller thrust bearing for easy swiveling
- **King Bolt:** 2" diameter bolt and nut heat treated for added strength
- **Legs:** 1/2" thick steel plate welded to form a box section column for maximum load capacity
- **Lubrication:** Zerk fittings in swivel section and wheel hub for ease of lubrication
- **Axle:** 2 1/2" oscillating axle precision machined at each end to accommodate 2" tapered bearings in wheel
- Alternate or custom caster configurations available

RIG OPTIONS

- **No Options** specify 001
- **Swivel lock** specify 002
- **Face contact brake** specify 003
- **Spring assembly** specify 004
- **Swivel lock and face contact brake** specify 005
- **Swivel lock and spring assembly** specify 006
- **Face contact brake and spring assembly** specify 007
- **Swivel lock, face contact brake and spring assembly** specify 008

BEARING OPTIONS



Tapered Roller (09)

WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|------------------------------|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| Press-on Polyurethane | | | | | | | |
| OG | 12 | 4 1/2 | 6600 | 19 | 3 1/8 | 300 | 2980G12709S |
| | 16 1/4 | 6 | 12000 | 21 5/16 | 3 1/8 | 340 | 2980G16909S |
| | 18 | 9 | 20000 | 22 | 3 1/8 | 480 | 2980G18909S |

Standard Bearing: Tapered Ball (09).

295

Standard Kingpin Dual Wheel Casters

CAPACITY TO 17000

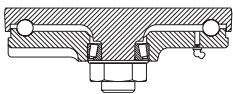


295 Series is designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

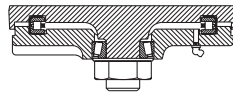
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

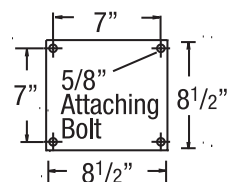
BBL SWIVEL CROSS SECTION



TRL SWIVEL CROSS SECTION



MOUNTING OPTIONS



Premium Quality



Environmentally Friendly
(Consult factory)

FEATURES

- **Dual Wheel:** 295 series is similar to 95 Series models, but adds a wheel and a fork leg for extra strength
- **Top Plate and Yoke Base:** 5/8" thick AISI 1045 drop-forged steel for extended life
- **Swivel Load Bearings:** Choice of heavy duty 295 Bal Load Swivel or higher capacity 295 Tapered Thrust swivel sections for smooth swivel and extended wear
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" formed steel plate welded inside and out to yoke base
- **King Bolt:** Integrally forged with top plate
- **Axle:** 1-1/4" solid axle with locking nut

ACCESSORIES

Poly Cam brake specify **P**



Face Contact brake specify **F**



Hand Operated Swivel Lock specify **L**

BEARING OPTIONS



Straight Roller (01)



Tapered Roller (09)

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Base Swivel Caster Number Roller Bearing (01) | Base Swivel Caster Number Tapered Roller Bearing (09) |
|---|----------------------|---|-------------------------|----------------------|-------------------|--------------------------------|--|--|
| 295BBL Series (Ball Load Swivel Section) Capacity up to 8,000 lbs. | | | | | | | | |
| 6 | 3 | 8000 | 9 | 2 1/4 | 83 | Drop Forged | 295FS06501SBBL | 295FS06509SBBL |
| 8 | 3 | 5000 | 11 | 2 1/2 | 56 | Laminated Phenolic | 295PY08501SBBL | 295PY08509SBBL |
| 8 | 3 | 5040 | 11 | 2 1/2 | 78 | Polyurethane on Cast Iron Core | 295PH08501SBBL | 295PH08509SBBL |
| 8 | 3 | 5040 | 11 | 2 1/2 | 78 | Polyurethane on Cast Iron Core | 295PY08701SBBL | 295PY08709SBBL |
| 8 | 4 | 7000 | 11 | 2 1/2 | 91 | Polyurethane on Cast Iron Core | 295PY10501SBBL | 295PY10509SBBL |
| 10 | 3 | 5800 | 13 | 2 1/2 | 64 | Laminated Phenolic | 295FH10501SBBL | 295FH10509SBBL |
| 10 | 3 | 6000 | 13 | 2 1/2 | 87 | Polyurethane on Cast Iron Core | 295PY10701SBBL | 295PY10709SBBL |
| 10 | 3 | 8000 | 13 | 2 3/4 | 120 | Drop Forged | 295PY10801SBBL | 295PY10809SBBL |
| 10 | 4 | 8000 | 13 | 2 3/4 | 136 | Drop Forged | 295PH12501SBBL | 295PH12509SBBL |
| 10 | 4 | 8000 | 13 | 2 3/4 | 104 | Polyurethane on Cast Iron Core | 295PY12701SBBL | 295PY12709SBBL |
| 10 | 5 | 8000 | 13 | 2 3/4 | 127 | Polyurethane on Cast Iron Core | 295PY12809SBBL | 295PY12809SBBL |
| 12 | 3 | 6840 | 15 1/2 | 2 1/2 | 105 | Polyurethane/Iron | | |
| 12 | 4 | 8000 | 15 1/2 | 2 1/2 | 114 | Polyurethane on Cast Iron Core | | |
| 12 | 5 | 8000 | 15 1/2 | 2 1/2 | 141 | Polyurethane on Cast Iron Core | | |

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Base Swivel Caster Number Roller Bearing (01) | Base Swivel Caster Number Tapered Roller Bearing (09) |
|---|----------------------|---|-------------------------|----------------------|-------------------|--------------------------------|--|--|
| 295TRL Series (Precision Tapered Roller Bearing Swivel Section) Capacity up to 17,000 lbs. | | | | | | | | |
| 6 | 3 | 17000 | 9 | 2 1/4 | 83 | Drop Forged | 295FS06501STRL | 295FS06509STRL |
| 8 | 3 | 5000 | 11 | 2 1/2 | 56 | Laminated Phenolic | 295PY08501STRL | 295PY08509STRL |
| 8 | 3 | 5200 | 11 | 2 1/2 | 78 | Polyurethane on Cast Iron Core | 295PH08701STRL | 295PH08709STRL |
| 8 | 4 | 7000 | 11 | 2 1/2 | 91 | Polyurethane on Cast Iron Core | 295PY10501STRL | 295PY10509STRL |
| 10 | 3 | 5800 | 13 | 2 1/2 | 64 | Laminated Phenolic | 295FH10501STRL | 295FH10509STRL |
| 10 | 3 | 6000 | 13 | 2 1/2 | 87 | Polyurethane on Cast Iron Core | 295PY10701STRL | 295PY10709STRL |
| 10 | 3 | 17000 | 13 | 2 3/4 | 120 | Drop Forged | 295PY10801STRL | 295PY10809STRL |
| 10 | 4 | 8400 | 13 | 2 3/4 | 10 | Polyurethane on Cast Iron Core | 295PH12501STRL | 295PH12509STRL |
| 10 | 4 | 17000 | 13 | 2 3/4 | 136 | Drop Forged | 295PY12701STRL | 295PY12709STRL |
| 10 | 5 | 10000 | 13 | 2 3/4 | 127 | Polyurethane on Cast Iron Core | 295PY12809STRL | 295PY12809STRL |
| 12 | 3 | 6840 | 15 1/2 | 2 1/2 | 105 | Polyurethane on Cast Iron Core | | |
| 12 | 4 | 9600 | 15 1/2 | 2 1/2 | 114 | Polyurethane on Cast Iron Core | | |
| 12 | 5 | 12000 | 15 1/2 | 2 1/2 | 141 | Polyurethane on Cast Iron Core | | |

298/295 SERIES DUAL • CAPACITY TO 20000

HEAVY DUTY KINGPIN DUAL

290

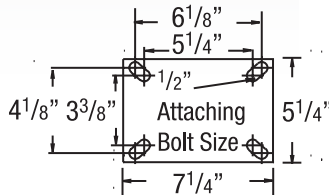
Standard Kingpin Dual Wheel Casters

CAPACITY TO 3500



These series are designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

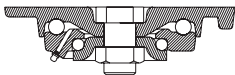
MOUNTING OPTIONS



TYPICAL APPLICATIONS

- Heavy duty power drawn equipment
- High capacity die tables
- Portable work benches
- Machinery dollies
- Heavy production fixtures or jigs
- Corrugated steel box trucks
- Heavy portable storage racks

SWIVEL CROSS SECTION



WHEEL SELECTION



PY
Polyurethane
on Cast Iron
Core



CA
Cast Iron



TM
Phenolic



Premium Quality



Environmentally Friendly
(Consult factory)

FEATURES

- **Dual Wheel:** 290 series is similar to 90 Series models, but adds a wheel and a fork leg for extra strength
- **Swivel Top Plate:** AISI 1045 drop forged steel, for strength and reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway for extended service life
- **Swivel Load Bearing:** 4" diameter deep-grooved load raceway with 1/2" steel balls for better load distribution. The thrust race is 2-5/8" diameter using 3/8" diameter steel balls for increased capacity
- **Legs:** 3/8" steel plate welded inside and out for added strength
- **King Bolt:** 1" diameter bolt heat treated for extended service
- **Axle:** 3/4" and 1" hollow axles are used for wheel bearing lubrication
- **Lubrication:** Zerk fitting in yoke base and in wheel hub or recessed in head of hollow axle
- Alternate or custom caster configurations available

BEARING OPTIONS



Straight
Roller (05)

ACCESSORIES

Poly Cam brake
specify **P**



Hand Operated
Swivel Lock
specify **L**

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Base Swivel Caster Number Straight Roller Bearing (05) |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|-----------------------------|---|
| 6 | 2 1/2 | 1080 | 8 | 2 1/4 | 36 1/2 | Mold-on Rubber on Iron Core | 290MR06405S |
| 6 | 2 1/2 | 3200 | 8 | 2 1/4 | 26 1/4 | Phenolic | 290TM06405S |
| 6 | 2 1/2 | 3240 | 8 | 2 1/4 | 38 | Polyurethane/Iron | 290PY06405S |
| 6 | 2 1/2 | 3500 | 8 | 2 1/4 | 37 | Cast Iron | 290CA06405S |
| 8 | 2 1/2 | 1340 | 10 1/2 | 2 1/2 | 37 3/4 | Mold-on Rubber/Iron | 290MR08405S |
| 8 | 2 1/2 | 3500 | 10 1/2 | 2 1/2 | 30 1/4 | Polyurethane/Iron | 290PY08405S |
| 8 | 2 1/2 | 3500 | 10 1/2 | 2 1/2 | 42 3/4 | Phenolic | 290TM08405S |
| 8 | 2 1/2 | 3500 | 10 1/2 | 2 1/2 | 44 1/2 | Cast Iron | 290CA08405S |
| 10 | 2 1/2 | 1580 | 12 1/2 | 2 1/2 | 45 | Mold-on Rubber/Iron | 290MR10405S |
| 10 | 2 1/2 | 3500 | 12 1/2 | 2 1/2 | 52 1/4 | Polyurethane/Iron | 290PY10405S |
| 10 | 2 1/2 | 3500 | 12 1/2 | 2 1/2 | 34 1/2 | Phenolic | 290TM10405S |
| 10 | 2 1/2 | 3500 | 12 1/2 | 2 1/2 | 53 1/4 | Cast Iron | 290CA10405S |

281

Standard Kingpin Dual Wheel Casters

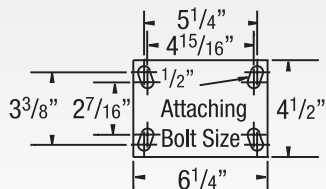
CAPACITY TO 2000



Designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs



SWIVEL CROSS SECTION



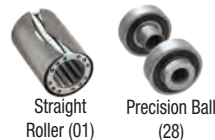
WHEEL SELECTION



FEATURES

- **Dual Wheel:** 281 series is similar to 81 Series models, but adds a wheel and a fork leg for extra strength
- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing coined "deep-groove" load and machined component thrust raceways
- **Legs:** 3/8" steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 3/4" diameter, hollow, with lock nut
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

BEARING OPTIONS



ACCESSORIES

Poly Cam brake specify **P**



Hand Operated Swivel Lock specify **L**

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Wheel Type | Base Swivel Caster Number Roller Bearing (01), Precision Ball (28) |
|--|----------------------|---|-------------------------|----------------------|-------------------|--------------------------------------|--|
| 281 Standard Kingpin Dual Wheel | | | | | | | |
| 4 | 2 | 700 | 5 1/2 | 2 1/4 | 10 1/2 | Mold-on Rubber on Aluminum Core | 281MD04201S |
| 4 | 2 | 700 | 5 1/2 | 2 1/4 | 10 3/4 | Mold-on Rubber on Iron Core | 281MR04201S |
| 4 | 2 | 700 | 5 1/2 | 2 1/4 | 10 3/4 | Perfomra Flat Tread | 281XS04201S |
| 4 | 2 | 1400 | 5 1/2 | 2 1/4 | 14 | Cast Iron | 281CA04201S |
| 4 | 2 | 1600 | 5 1/2 | 2 1/4 | 10 1/4 | Phenolic | 281TM04201S |
| 4 | 2 | 1400 | 5 1/2 | 2 1/4 | 10 1/2 | Polyurethane on Aluminum Core | 281PD04201S |
| 4 | 2 | 2000 | 5 1/2 | 2 1/4 | | Trionix™ High Impact Polymer | 281NX04228S |
| 5 | 2 | 750 | 6 1/2 | 2 1/4 | 11 1/2 | Perfomra Flat Tread | 281XS05201S |
| 5 | 2 | 800 | 6 1/2 | 2 1/4 | 11 1/2 | Mold-on Rubber on Iron Core | 281MR05201S |
| 5 | 2 | 2000 | 6 1/2 | 2 1/4 | 18 | Cast Iron | 281CA05201S |
| 5 | 2 | 2000 | 6 1/2 | 2 1/4 | 11 1/4 | Phenolic | 281TM05201S |
| 5 | 2 | 2000 | 6 1/2 | 2 1/4 | 10 3/4 | Polyurethane on Aluminum Core | 281PD05201S |
| 5 | 2 | 2000 | 6 1/2 | 2 1/4 | 10 3/4 | Round Tread Polyurethane on Aluminum | 281PM05228S |
| 5 | 2 | 2000 | 6 1/2 | 2 1/4 | | Trionix™ High Impact Polymer | 281NX05228S |
| 6 | 2 | 820 | 7 1/2 | 2 1/4 | 12 | Mold-on Rubber on Iron Core | 281MR06201S |
| 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 10 | Perfomra Rubber Flat Tread | 281XS06201S |
| 6 | 2 | 2000 | 7 1/2 | 2 1/4 | 20 | Drop Forged | 281FS06201S |
| 6 | 2 | 2000 | 7 1/2 | 2 1/4 | 20 1/4 | Cast Iron | 281CA06201S |
| 6 | 2 | 2000 | 7 1/2 | 2 1/4 | 11 3/4 | Phenolic | 281TM06201S |
| 6 | 2 | 2000 | 7 1/2 | 2 1/4 | 13 | Polyurethane on Aluminum Core | 281PD06201S |
| 6 | 2 | 2000 | 7 1/2 | 2 1/4 | 20 | Round Tread Polyurethane on Aluminum | 281PM06228S |
| 6 | 2 | 2000 | 7 1/2 | 2 1/4 | 22 | Polyurethane on Heavy Duty Cast Iron | 281PF06228S |
| 6 | 2 | 2000 | 7 1/2 | 2 1/4 | 15 | Trionix™ High Impact Polymer | 281NX06228S |
| 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 13 3/4 | Mold-on Rubber on Iron Core | 281MR08201S |
| 8 | 2 | 1350 | 10 1/8 | 2 1/4 | 10 1/2 | Perfomra Rubber Flat Tread | 281XS08201S |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 14 1/4 | Cast Iron | 281CA08201S |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 16 | Phenolic | 281TM08201S |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 25 1/4 | Polyurethane on Aluminum Core | 281PD08201S |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 14 | Round Tread Polyurethane on Aluminum | 281PM08228S |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 24 | Polyurethane on Heavy Duty Cast Iron | 281PF08228S |
| 8 | 2 | 2000 | 10-1/8 | 2 1/4 | 16 | Trionix™ High Impact Polymer | 281NX08228S |

See 81 Series section for wheel appearance and descriptions.

KINGPINLESS SPRING LOADED CASTERS

CAPACITY RANGE 500-3000 LBS



141 Series

Unique polyurethane spring design is durable and corrosion resistant.

Common Applications:

- **Manufacturing Plant Carts**
- **Aerospace / Automotive**
- **Specialty Toolboxes**
- **Ground Support Equipment**
- **Technology Carts**
- **Portable Cranes & Hoists**
- **Mobile Workstations**
- **Monitoring Carts**
- **Laboratory Equipment**



S610 Series
Capacity to 3000 85



S310 Series
Capacity to 3000 87



S410 Series
Capacity to 3000 86



141 Series
Capacity to 1500 88-89

Benefits of Spring Loaded Casters:

- Better floor and equipment protection
- Reduce operating noise
- Reduce unwanted vibration
- Increase product life expectancy

Need Even More Capacity Or A Custom Configuration?



Excellent for Weight Carts
10,000 lbs load capacity!

You won't find this "bad boy" at just any caster source. Albion engineers and craftsmen can custom design and build a solution for even the most challenging applications.

S610

Spring Loaded Kingpinless Casters

CAPACITY TO 3000

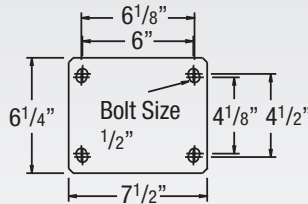


Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters.

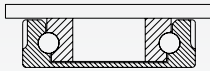
Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

MOUNTING OPTION



SWIVEL CROSS SECTION



TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Polyurethane on Cast Iron

| PY | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| 6 | 3 | 2000 | 113/4 | 37/8 | S610PY06509S | |
| 8 | 3 | 2000 | 123/4 | 41/2 | S610PY08509S | |
| 10 | 3 | 2000 | 147/8 | 41/2 | S610PY10509S | |
| 12 | 3 | 3000 | 167/8 | 55/16 | S610PY12509S | |

95 Shore A Standard Bearing: Tapered Roller (09).
Consult PY section for optional durometers/capacities.

Thick Tread Polyurethane on Iron

| PX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| 6 | 3 | 2000 | 113/4 | 37/8 | S610PX06509S | |
| 8 | 3 | 2000 | 123/4 | 41/2 | S610PX08509S | |
| 10 | 3 | 2000 | 147/8 | 41/2 | S610PX10509S | |
| 12 | 3 | 3000 | 167/8 | 55/16 | S610PX12509S | |

95 Shore A Standard Bearing: Tapered Roller (09).
Consult PX section for optional durometers/capacities.

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| 6 | 3 | 2000 | 113/4 | 37/8 | S610PF06528S | |
| 8 | 3 | 2000 | 123/4 | 41/2 | S610PF08528S | |
| 10 | 3 | 2000 | 147/8 | 41/2 | S610PF10528S | |
| 12 | 3 | 3000 | 167/8 | 55/16 | S610PF12528S | |

95 Shore A Standard Bearing: Roller (28).
Optional bearings: Tapered Roller (09); change 28 to 09.



Premium Quality



Environmentally Friendly (Consult factory)



Towing

FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 1/2" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 2-1/2" and 3" tread width wheels feature a 3/4" axle, 3-1/2" and 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

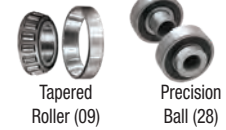
RIG OPTIONS

- For non-spring loaded versions, see 610 Series on pages 28-29
- S410 optional plates also available; consult factory

BRAKE OPTIONS

Consult factory

BEARING OPTIONS



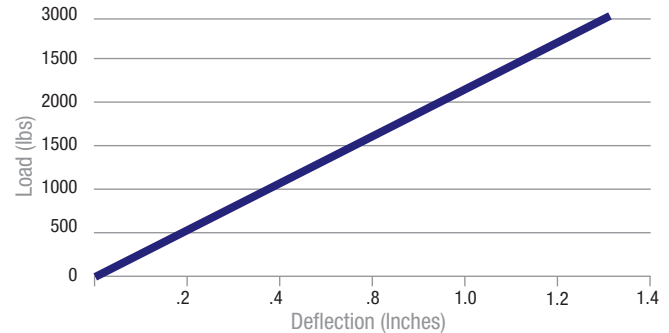
SWIVEL LOCK OPTIONS

Hand operated field installable swivel lock order **SL600000** separately



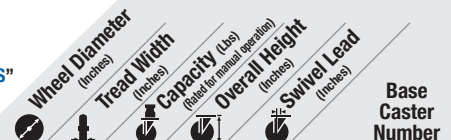
SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 3,000 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

Polyurethane Reactive on Iron

| AZ | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| 6 | 3 | 1800 | 113/4 | 37/8 | S610AZ06528S | |
| 8 | 3 | 2000 | 123/4 | 41/2 | S610AZ08528S | |
| 10 | 3 | 2000 | 147/8 | 41/2 | S610AZ10528S | |
| 12 | 3 | 2400 | 167/8 | 55/16 | S610AZ12528S | |

90 Shore A Standard Bearing: Roller (28).

NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| 6 | 3 | 2000 | 113/4 | 37/8 | S610NX06528S | |
| 8 | 3 | 2000 | 123/4 | 41/2 | S610NX08528S | |
| 10 | 3 | 2000 | 147/8 | 41/2 | S610NX10528S | |
| 12 | 3 | 3000 | 167/8 | 55/16 | S610NX12528S | |

Standard Bearing: Precision Ball (28).

S610 SERIES • CAPACITY TO 3000

KINGPINLESS SPRING LOADED

S410

Spring Loaded Kingpinless Casters

CAPACITY TO 3000



Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters.

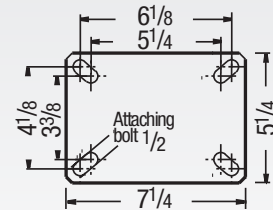
Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

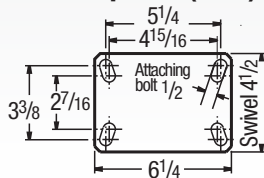
MOUNTING OPTIONS

Standard Plate



Special Order Plates

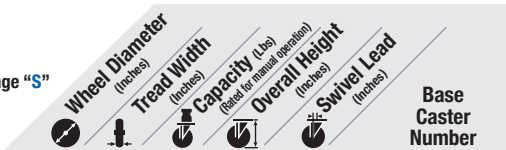
Optional (PATK)



SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Polyurethane on Cast Iron

| PY | 6 | 3 | 2000 | 10 7/8 | 3 7/16 | S410PY06509S |
|----|----|---|------|--------|---------|--------------|
| | 8 | 3 | 2000 | 11 7/8 | 4 7/8 | S410PY08509S |
| | 10 | 3 | 3000 | 14 | 4 7/8 | S410PY10509S |
| | 12 | 3 | 3000 | 16 | 5 11/16 | S410PY12509S |



95 Shore A

Standard Bearing: Tapered Roller (09).

Consult PY section for optional durometers/capacities.

Thick Tread Polyurethane on Iron

| PX | 6 | 3 | 2000 | 10 7/8 | 3 7/16 | S410PX06509S |
|----|--|---|---|--------|---------|--------------|
| | 8 <td>3 <td>2000 <td>11 7/8</td> <td>4 7/8</td> <td>S410PX08509S</td> </td></td> | 3 <td>2000 <td>11 7/8</td> <td>4 7/8</td> <td>S410PX08509S</td> </td> | 2000 <td>11 7/8</td> <td>4 7/8</td> <td>S410PX08509S</td> | 11 7/8 | 4 7/8 | S410PX08509S |
| | 10 <td>3 <td>2000 <td>14</td> <td>4 7/8</td> <td>S410PX10509S</td> </td></td> | 3 <td>2000 <td>14</td> <td>4 7/8</td> <td>S410PX10509S</td> </td> | 2000 <td>14</td> <td>4 7/8</td> <td>S410PX10509S</td> | 14 | 4 7/8 | S410PX10509S |
| | 12 <td>3 <td>3000 <td>16</td> <td>5 11/16</td> <td>S410PX12509S</td> </td></td> | 3 <td>3000 <td>16</td> <td>5 11/16</td> <td>S410PX12509S</td> </td> | 3000 <td>16</td> <td>5 11/16</td> <td>S410PX12509S</td> | 16 | 5 11/16 | S410PX12509S |



95 Shore A

Standard Bearing: Tapered Roller (09).

Consult PX section for optional durometers/capacities.



Premium Quality



Environmentally Friendly
(Consult factory)



Towing^

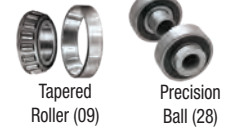
FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 3/8" steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section.
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BRAKE OPTIONS

Consult factory

BEARING OPTIONS



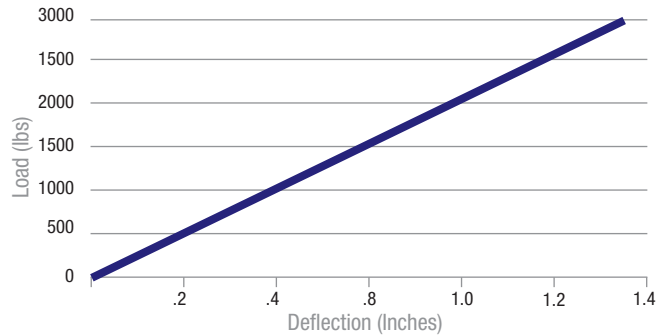
SWIVEL LOCK OPTIONS

Hand operated field installable swivel lock order **SL400000** separately



SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 3,000 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | 6 | 3 | 2000 | 10 7/8 | 3 7/16 | S410PF06528S |
|----|----|---|------|--------|---------|--------------|
| | 8 | 3 | 2000 | 11 7/8 | 4 7/8 | S410PF08528S |
| | 10 | 3 | 2000 | 14 | 4 7/8 | S410PF10528S |
| | 12 | 3 | 3000 | 16 | 5 11/16 | S410PF12528S |



95 Shore A

Standard Bearing: Roller (28).

Optional bearings: Tapered Roller (09); change 28 to 09.

Polyurethane Reactive on Iron

| AZ | 6 | 3 | 1800 | 10 7/8 | 3 7/16 | S410AZ06528S |
|----|--|--|------|--------|---------|--------------|
| | 8 <td>3 <td>2000</td> <td>11 7/8</td> <td>4 7/8</td> <td>S410AZ08528S</td> </td> | 3 <td>2000</td> <td>11 7/8</td> <td>4 7/8</td> <td>S410AZ08528S</td> | 2000 | 11 7/8 | 4 7/8 | S410AZ08528S |
| | 10 <td>3</td> <td>2000</td> <td>14</td> <td>4 7/8</td> <td>S410AZ10528S</td> | 3 | 2000 | 14 | 4 7/8 | S410AZ10528S |
| | 12 <td>3</td> <td>2400</td> <td>16</td> <td>5 11/16</td> <td>S410AZ12528S</td> | 3 | 2400 | 16 | 5 11/16 | S410AZ12528S |



90 Shore A

Standard Bearing: Roller (28).

NYLON MODELS

Trionix™ High Impact Polymer

| NX | 6 | 3 | 2000 | 10 7/8 | 3 7/16 | S410NX06528S |
|----|--|--|------|--------|---------|--------------|
| | 8 <td>3 <td>2000</td> <td>11 7/8</td> <td>4 7/8</td> <td>S410NX08528S</td> </td> | 3 <td>2000</td> <td>11 7/8</td> <td>4 7/8</td> <td>S410NX08528S</td> | 2000 | 11 7/8 | 4 7/8 | S410NX08528S |
| | 10 <td>3 <td>2000</td> <td>14</td> <td>4 7/8</td> <td>S410NX10528S</td> </td> | 3 <td>2000</td> <td>14</td> <td>4 7/8</td> <td>S410NX10528S</td> | 2000 | 14 | 4 7/8 | S410NX10528S |
| | 12 <td>3 <td>3000</td> <td>16</td> <td>5 11/16</td> <td>S410NX12528S</td> </td> | 3 <td>3000</td> <td>16</td> <td>5 11/16</td> <td>S410NX12528S</td> | 3000 | 16 | 5 11/16 | S410NX12528S |



Standard Bearing: Precision Ball (28).

S310

Spring Loaded Kingpinless Casters

CAPACITY TO 3000



Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

Great capacity and shock protection. Noise levels are reduced through the dampening effect of these casters.

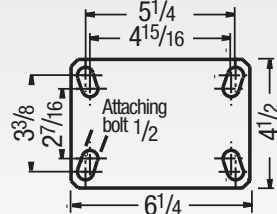
Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

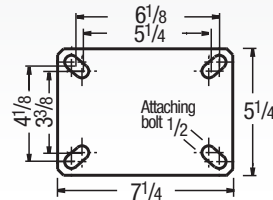
MOUNTING OPTIONS

Standard Plate

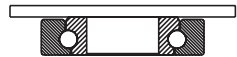


Special Order Plates

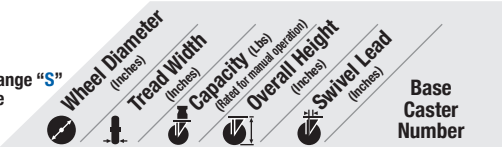
Optional (PATP)



SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Polyurethane on Cast Iron

| PY | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2000 | 107/8 | 37/16 | S310PY06509S |
| | 8 | 3 | 2000 | 117/8 | 47/8 | S310PY08509S |
| | 10 | 3 | 2000 | 1319/20 | 47/8 | S310PY10509S |
| | 12 | 3 | 3000 | 16 | 511/16 | S310PY12509S |

95 Shore A Standard Bearing: Tapered Roller (09). Consult PY section for optional durometers/capacities.

Thick Tread Polyurethane on Iron

| PX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2000 | 107/8 | 37/16 | S310PX06509S |
| | 8 | 3 | 2000 | 117/8 | 47/8 | S310PX08509S |
| | 10 | 3 | 2000 | 1319/20 | 47/8 | S310PX10509S |
| | 12 | 3 | 3000 | 16 | 511/16 | S310PX12509S |

95 Shore A Standard Bearing: Tapered Roller (09). Consult PX section for optional durometers/capacities.



FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 5/16" steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

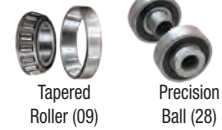
RIG OPTIONS

- For non-spring loaded versions, see 310 Series on pages 32-33
- 310 Optional Plates also available, consult factory

BRAKE OPTIONS

Consult factory

BEARING OPTIONS



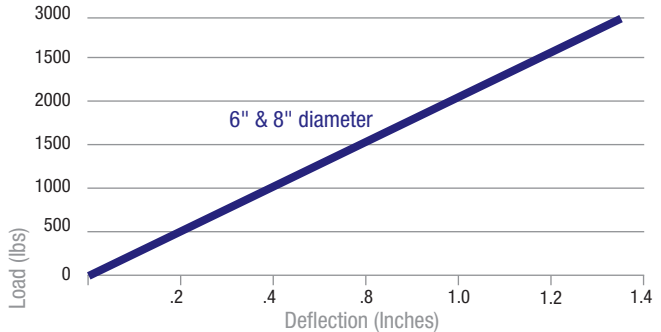
SWIVEL LOCK OPTIONS

Hand operated field installable swivel lock order SL300000 separately



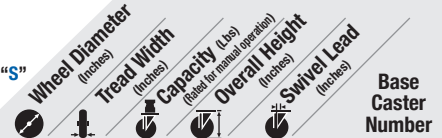
SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 3,000 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2000 | 107/8 | 37/16 | S310PF06528S |
| | 8 | 3 | 2000 | 117/8 | 47/8 | S310PF08528S |
| | 10 | 3 | 2000 | 1319/20 | 47/8 | S310PF10528S |
| | 12 | 3 | 3000 | 16 | 511/16 | S310PF12528S |

Standard Bearing: Roller (28). Optional bearings: Tapered Roller (09); change 28 to 09.

Polyurethane Reactive on Iron

| AZ | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 3 | 1800 | 107/8 | 37/16 | S310AZ06528S |
| | 8 | 3 | 2000 | 117/8 | 47/8 | S310AZ08528S |
| | 10 | 3 | 2000 | 1319/20 | 47/8 | S310AZ10528S |
| | 12 | 3 | 2400 | 16 | 511/16 | S310AZ12528S |

90 Shore A Standard Bearing: Roller (28).

NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 3 | 2000 | 107/8 | 37/16 | S310NX06528S |
| | 8 | 3 | 2000 | 117/8 | 47/8 | S310NX08528S |
| | 10 | 3 | 2000 | 1319/20 | 47/8 | S310NX10528S |
| | 12 | 3 | 3000 | 16 | 511/16 | S310NX12528S |

Standard Bearing: Precision Ball (28).

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

141

Kingpinless Poly Spring Casters

CAPACITY TO 1500

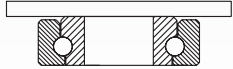


This poly spring caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment and automotive industries. 141 series are equally at home in other extremely abusive and rugged applications.

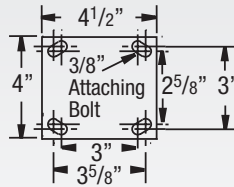
TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment, computer equipment
- Any shock sensitive load
- Automotive seat racks
- Tilt carts
- Heavy duty toolboxes

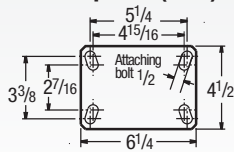
SWIVEL CROSS SECTION



MOUNTING OPTION



Optional (PATK)



Quiet



Premium Quality



Towing[^]

FEATURES

- Protects cargo from damaging shocks and unwanted vibration
- Unique polyurethane spring design is durable and corrosion resistant
- Solid spring material features no spring coil where debris can jam spring action
- Yellow Dichromate finish is attractive and features better corrosion resistance compared to zinc plating
- Quiet rolling, rugged kingpinless caster rig
- 5", 6" and 8" wheel diameters available to meet overall load height and application requirements
- Longer swivel lead allows the caster to index quicker into in-line position for easier movement

BRAKE OPTIONS

6" and 8" only. Specify **B**. To order, add brake code below to end of model. Example: 141AX06228SB



BEARING OPTIONS



(28) Precision Ball

SWIVEL LOCK OPTIONS

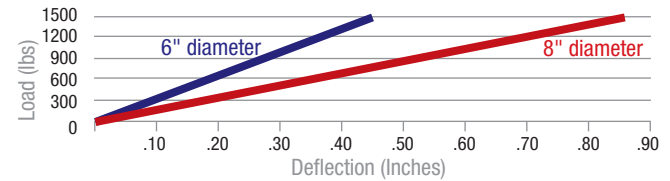
Hand operated field installable swivel lock order **SL16000013A** separately. For optional PATK plate use model **SL160000K**



The 141's unique polyurethane spring design is quiet, durable and corrosion resistant

SPRING DEFLECTIONS

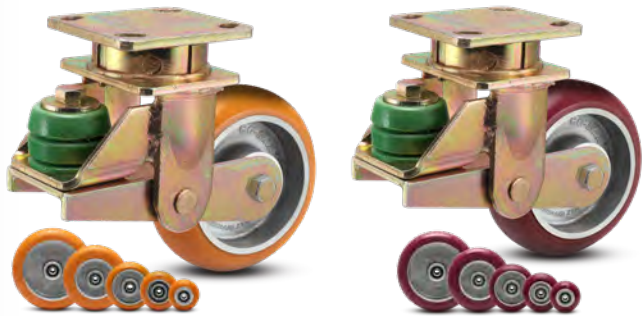
Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 1500 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

Drive lasting results with

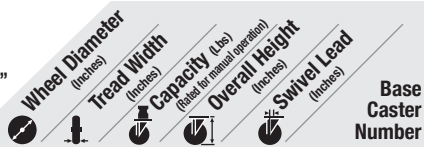
CG-MAX EFFICIENCY WHEEL™



- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

Visit albioncasters.com/CG-MAX for additional information and CAD models.

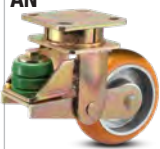
Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 5 | 2 | 1000 | 7 1/2 | 3 | 141AN05228S |
|----|---|---|------|--------|---|-------------|
| | 6 | 2 | 1250 | 8 | 3 | 141AN06228S |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141AN08228S |



85 Shore A
Learn more on previous page
Standard Bearing: Precision Ball (28)

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 5 | 2 | 1000 | 7 1/2 | 3 | 141AX05228S |
|----|---|---|------|--------|---|-------------|
| | 6 | 2 | 1250 | 8 | 3 | 141AX06228S |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141AX08228S |



85 Shore A
Learn more on previous page
Standard Bearing: Precision Ball (28)

Green Polyurethane Round Tread on Aluminum

| PM | 5 | 2 | 1000 | 7 1/2 | 3 | 141PM05228S |
|----|---|---|------|--------|---|-------------|
| | 6 | 2 | 1250 | 8 | 3 | 141PM06228S |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141PM08228S |



95 Shore A
Standard Bearing: Precision Ball (28)

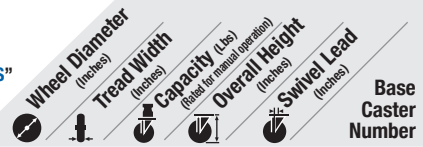
Butterscotch Polyurethane Round Tread on Aluminum

| PM 80A | 5 | 2 | 1000 | 7 1/2 | 3 | 141PM05228S80A |
|--------|---|---|------|--------|---|----------------|
| | 6 | 2 | 1250 | 8 | 3 | 141PM06228S80A |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141PM08228S80A |



80 Shore A
Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

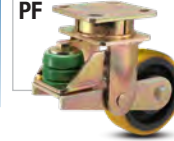
Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | 6 | 2 | 1500 | 8 | 3 | 141PF06228S |
|----|---|---|------|--------|---|-------------|
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141PF08228S |



Standard Bearing: Precision Ball (28).

RUBBER MODELS

Performa Rubber Flat Tread on Polypropylene

| XS | 5 | 2 | 500 | 7 1/2 | 3 | 141XS05228S |
|----|---|---|-----|--------|---|-------------|
| | 6 | 2 | 600 | 8 | 3 | 141XS06228S |
| | 8 | 2 | 675 | 10 1/8 | 3 | 141XS08228S |



Standard Bearing: Precision Ball (28).

Performa Rubber Round Tread on Polypropylene

| XR | 6 | 2 | 450 | 8 | 3 | 141XR06228S |
|----|---|---|-----|--------|---|-------------|
| | 8 | 2 | 600 | 10 1/8 | 3 | 141XR08228S |



Standard Bearing: Precision Ball (28).



CG-MAX EFFICIENCY WHEEL™

CG-MAX EFFICIENCY wheels feature a unique polyurethane blend that is more debris resistant compared to other polyurethane wheels

141 Series Wheel Selection Hints



AX AN PM PF

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses



XS XR

Performa Rubber

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Debris rejection

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

KINGPIN SPRING LOADED CASTERS

CAPACITY RANGE 500-3000 LBS



44 Series

Heavy duty spring loaded casters

Common Applications:

- Manufacturing Plant Carts
- Aerospace / Automotive
- Specialty Toolboxes
- Ground Support Equipment
- Technology Carts
- Portable Cranes & Hoists
- Mobile Workstations
- Monitoring Carts
- Laboratory Equipment



44 Series Xtra Heavy Duty
Capacity to 1500 91



42 Series Heavy Duty
Capacity to 800 92

Kingpin Casters

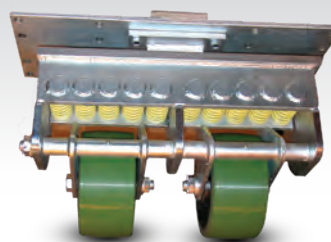


40 Series Medium Duty
Capacity to 500 93-94

Benefits of Spring Loaded Casters:

- Better floor and equipment protection
- Reduce operating noise
- Reduce unwanted vibration
- Increase product life expectancy

Need Even More Capacity Or A Custom Configuration?



Excellent for Weight Carts
10,000 lbs load capacity!

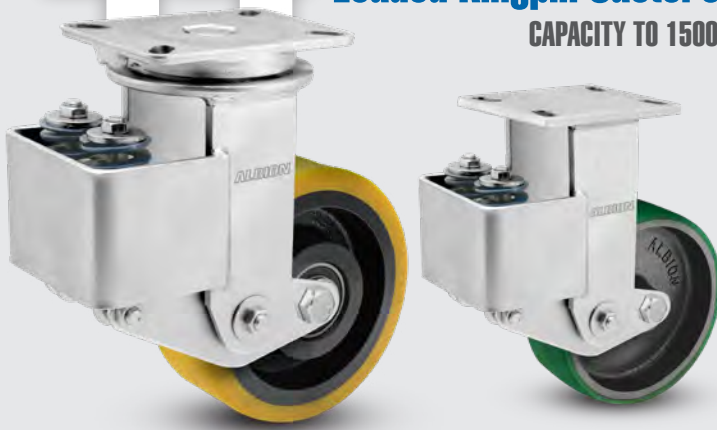
You won't find this "bad boy" at just any caster source. Albion engineers and craftsmen can custom design and build a solution for even the most challenging applications.



44

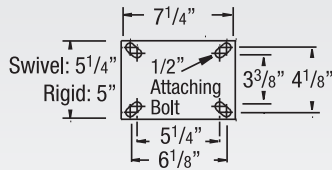
Xtra Heavy Duty Spring-Loaded Kingpin Casters

CAPACITY TO 1500



Designed with greater load capacity than our 40, 41, and 42 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

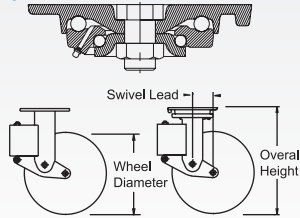
MOUNTING OPTION



TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 48 1/2 | 44PY10501S |
| 12 | 3 | 1500 | 15 1/2 | 3 | 56 1/4 | 44PY12501S |

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

| PY | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 48 1/2 | 44PY10501S | |
| 12 | 3 | 1500 | 15 1/2 | 3 | 56 1/4 | 44PY12501S | |

Standard Bearing: Roller (01).

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 48 1/2 | 44PF10528S | |
| 12 | 3 | 1500 | 15 1/2 | 3 | 56 1/4 | 44PF12528S | |

Standard Bearing: Precision Ball (28).

FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 3/4". Different load springs permit wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- **Swivel Top Plate:** AISI 1045 drop forged steel for strength & reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway affords extreme wear and greater capacity
- **Swivel Section:** Swivel load bearing is 4" diameter deep grooved load raceway with 1/2" steel balls and the thrust race is 2-5/8" diameter using 3/8" diameter steel balls for maximum performance under extreme loads
- **Legs:** 3/8" steel plate, welded inside and out to the yoke base to handle side impacts
- **King Bolt:** 1" diameter bolt and nut heat-treated for maximum performance
- **Axle:** 3/4" diameter solid axle with lock nut

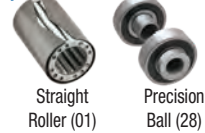
RIG OPTIONS

- Available with Kingpinless S410 section, see page 86

BRAKE OPTIONS

Consult factory

BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 48 1/2 | 44NX10528S |
| 12 | 3 | 1500 | 15 1/2 | 3 | 56 1/4 | 44NX12528S |

Standard Bearing: Precision Ball (28).

NYLON MODELS

Trionix™ High Impact Polymer

| NX | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 35 | 44NX10528S | |
| 12 | 3 | 1500 | 15 1/2 | 3 | 40 | 44NX12528S | |

Standard Bearing: Precision Ball (28).

Phenolic

| TM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 35 | 44TM10501S | |
| 12 | 3 | 1500 | 15 1/2 | 3 | 40 | 44TM12501S | |

Standard Bearing: Roller (01).

RUBBER MODELS

Moldon Rubber on Cast Iron

| MR | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 10 | 3 | 1000 | 13 1/2 | 3 | 42 1/2 | 44MR10501S | |
| 12 | 3 | 1200 | 15 1/2 | 3 | 47 1/2 | 44MR12501S | |

Standard Bearing: Roller (01).

44 SERIES • CAPACITY TO 1500

KINGPIN SPRING LOADED

42

Heavy Duty Spring-Loaded Kingpin Casters

CAPACITY TO 800



FEATURES

- Load Springs:** Maximum rated capacity loads will deflect wheel approximately 5/8" (50%). Different load springs for each series permits wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection Top
- Top Plate & Yoke Base:** AISI 1045 drop forged steel for extended service life
- Swivel Section:** Double ball bearing with coined "deep-groove" load and machined thrust raceways provide optimal performance under extreme loads
- Legs:** 1/4" steel, formed to increase strength
- King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced shock load capacity
- Axle:** 1/2" diameter hollow axle with lock nut for easy lubrication of wheels with straight roller bearing. Solid axle for 28 ball bearing
- Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

RIG OPTIONS

- Available in **Kingpinless S310** section, see page 87

BRAKE OPTIONS

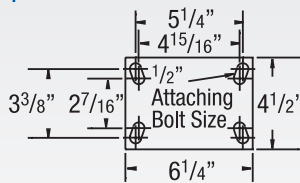
Consult factory

BEARING OPTIONS

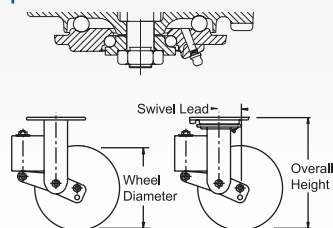


Designed with greater load capacity than our 40 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

MOUNTING OPTION



SWIVEL CROSS SECTION

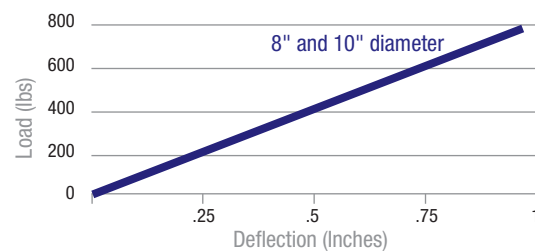


TYPICAL APPLICATIONS

- Shock sensitive carts
- Aircraft jacks
- Monitoring equipment
- Material handling equipment
- Computer equipment

SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 800 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



POLYURETHANE MODELS

Green Polyurethane on Cast Iron

| PY | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | 23 | 42PY08407S |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | 19 1/2 | 42PY10407S |

Standard Bearing: Roller (07).

RUBBER MODELS

Moldon Rubber on Cast Iron

| MR | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | 22 1/2 | 42MR08407S |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | 26 1/2 | 42MR10407S |

Standard Bearing: Roller (07).

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



PNEUMATIC MODELS

Pneumatic

| SF | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| | 8 | 2.80/4 | 295 | 11 1/2 | 2 1/4 | 19 3/4 | 42SF08527S |
| | 10 | 4.10/4 | 350 | 13 1/2 | 2 1/4 | 21 | 42SF10627S |

Standard Bearing: Industrial Ball (27).

PHENOLIC MODELS

Phenolic

| TM | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | 23 | 42TM08407S |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | 21 1/4 | 42TM10407S |

Standard Bearing: Roller (07).



40

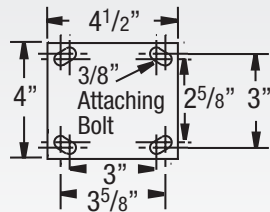
Medium Duty Spring-Loaded Kingpin Casters

CAPACITY TO 500



Designed with the load in mind, 40 series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

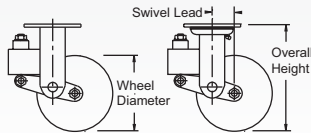
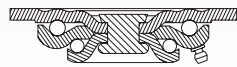
MOUNTING OPTION



TYPICAL APPLICATIONS

- Shock sensitive carts
- Aircraft jacks
- Monitoring equipment
- Material handling equipment

SWIVEL CROSS SECTION



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | 5 | 2 | 500 | 8 | 13/4 | 11 | 40AX05228S |
|----|---|---|-----|--------|------|--------|------------|
| | 6 | 2 | 500 | 8 1/2 | 13/4 | 12 1/2 | 40AX06228S |
| | 8 | 2 | 500 | 10 1/2 | 13/4 | 13 | 40AX08228S |

85 Shore A Standard Bearing: Precision Ball (28).

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | 5 | 2 | 500 | 8 | 13/4 | 11 | 40AN05228S |
|----|---|---|-----|--------|------|--------|------------|
| | 6 | 2 <td>500</td> <td>8 1/2</td> <td>13/4</td> <td>12 1/2</td> <td>40AN06228S</td> | 500 | 8 1/2 | 13/4 | 12 1/2 | 40AN06228S |
| | 8 | 2 <td>500</td> <td>10 1/2</td> <td>13/4</td> <td>13</td> <td>40AN08228S</td> | 500 | 10 1/2 | 13/4 | 13 | 40AN08228S |

85 Shore A Standard Bearing: Precision Ball (28).

Green Round Tread Polyurethane on Aluminum

| PM | 5 | 2 | 500 | 8 | 13/4 | 11 | 40PM05228S |
|----|---|---|-----|--------|------|--------|------------|
| | 6 | 2 <td>500</td> <td>8 1/2</td> <td>13/4</td> <td>12 1/2</td> <td>40PM06228S</td> | 500 | 8 1/2 | 13/4 | 12 1/2 | 40PM06228S |
| | 8 | 2 <td>500</td> <td>10 1/2</td> <td>13/4</td> <td>13</td> <td>40PM08228S</td> | 500 | 10 1/2 | 13/4 | 13 | 40PM08228S |

95 Shore A Standard Bearing: Precision Ball (28).

FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 3/8" (50%). Different load springs for each series permits wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- **Top Plate & Yoke Base:** Made from 1/4" steel plate and unnotched
- **Swivel Section:** Cold formed, hardened double ball bearing raceways minimize ball indentation and wear
- **Legs:** 1/4" steel cold formed to increase strength and welded to the yoke base
- **King Bolt:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle complete with lock nut. Axle is solid for 28 & 29 ball bearings
- **Wheel Seals:** Nylon seal retaining/thrust washers
- Alternate or custom caster configurations available

BRAKE OPTIONS

Consult factory

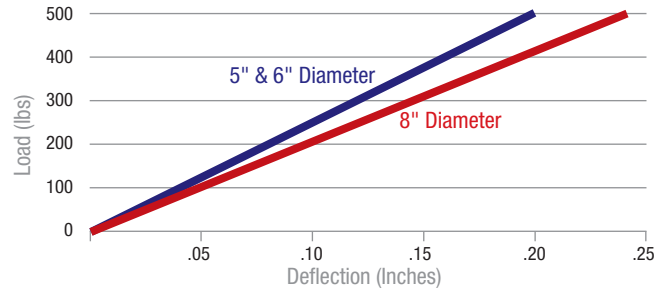
BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. Consult factory.

SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 500 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average of all yoke swivel and rigid sizes. There were little deviations based on size or whether caster was swivel or rigid.

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|--------------------|

POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

| PM 80A | 5 | 2 | 500 | 8 | 13/4 | 11 | 40PM05228S80A |
|--------|---|--|-----|--------|------|--------|---------------|
| | 6 | 2 <td>500</td> <td>8 1/2</td> <td>13/4</td> <td>12 1/2</td> <td>40PM06228S80A</td> | 500 | 8 1/2 | 13/4 | 12 1/2 | 40PM06228S80A |
| | 8 | 2 <td>500</td> <td>10 1/2</td> <td>13/4</td> <td>13</td> <td>40PM08228S80A</td> | 500 | 10 1/2 | 13/4 | 13 | 40PM08228S80A |

80 Shore A Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A." Example: 40PM08228R80A.

Yellow Polyurethane on Heavy Duty Iron Tread

| PF | 5 | 2 | 500 | 8 | 13/4 | 17 | 40PF05228S |
|----|---|--|-----|--------|------|----|------------|
| | 6 | 2 <td>500</td> <td>8 1/2</td> <td>13/4</td> <td>18</td> <td>40PF06228S</td> | 500 | 8 1/2 | 13/4 | 18 | 40PF06228S |
| | 8 | 2 <td>500</td> <td>10 1/2</td> <td>13/4</td> <td>19</td> <td>40PF08228S</td> | 500 | 10 1/2 | 13/4 | 19 | 40PF08228S |

Standard Bearing: Precision Ball (28).

Solid Elastomer

| SE | 5 | 2 | 500 | 8 | 13/4 | 7 1/4 | 40SE05228S |
|----|---|--|-----|--------|------|---------------------------|------------|
| | 6 | 2 <td>500</td> <td>8 1/2</td> <td>13/4</td> <td>7 3/4 <th>40SE06228S</th> </td> | 500 | 8 1/2 | 13/4 | 7 3/4 <th>40SE06228S</th> | 40SE06228S |
| | 8 | 2 <td>500</td> <td>10 1/2</td> <td>13/4</td> <td>9 1/4 <th>40SE08228S</th> </td> | 500 | 10 1/2 | 13/4 | 9 1/4 <th>40SE08228S</th> | 40SE08228S |

Standard Bearing: Precision Ball (28).

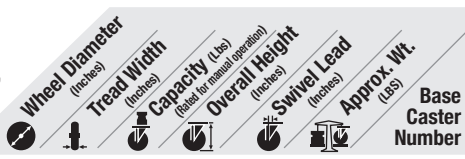
Continue on next page >>

42/40 SERIES • CAPACITY TO 800

KINGPIN SPRING LOADED

40 Series Continued

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



RUBBER MODELS

Performa Flat Tread on Polypropylene

| XS | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 5 | 2 | 500 | 8 | 13/4 | 8 | 40XS05201S | |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 8 1/2 | 40XS06201S | |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/2 | 40XS08201S | |

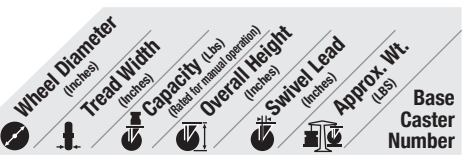
Standard Bearing: Roller (01).

Performa Round Tread on Polypropylene

| XR | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 6 | 2 | 450 | 8 1/2 | 13/4 | 8 1/2 | 40XR06201S | |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/2 | 40XR08201S | |

Standard Bearing: Roller (01).

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



PNEUMATIC TYPE MODELS

Monoprene Semi-Pneumatic Black

| SZ | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 6 | 2 | 250 | 8 1/2 | 13/4 | 8 1/2 | 40SZ06228S | |
| 8 | 2 | 280 | 10 1/2 | 13/4 | 9 1/2 | 40SZ08228S | |

Standard Bearing: Precision Ball (28).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

| RT | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|----|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| 5 | 2 | 500 | 8 | 13/4 | 8 | 40RT05201S | |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 8 1/2 | 40RT06201S | |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/2 | 40RT08201S | |

Standard Bearing: Roller (01).

28 and 38 SERIES Maintenance Free Casters
The ultimate ergonomic solution (see page 20)

- Strong and quiet
- Easy to push/pull
- Extended lead design for superior maneuverability
- Maintenance free



SEMI PNEUMATIC CASTERS

CAPACITY RANGE 250-600 LBS

110/72/16 SERIES • CAPACITY TO 600

SEMI-PNEUMATIC CASTERS

Semi-Pneumatic Casters

110/72/16 Series

CAPACITY TO 600



These casters are recommended for light or medium duty dollies, bottlers trucks, hand trucks or other manually operated units and are suitable for extra heavy service. Semi-pneumatics are high profile, solid center cushion rubber tires mounted on stamped centers with lug base rims.



Premium Quality



Environmentally Friendly

FEATURES

- **Steel Rigs:** 16 Series rigs now **Made in the USA** for added reliability
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Extra Heavy Duty Cushion wheel protects equipment
- **No inflation problems** as these wheels are not pressurized; they are a solid center tire

RIG OPTIONS

- **Swivel lock** specify L
- **Face contact brake** specify F
- **Foot activated swivel lock** specify **SL160001** (16 Series Model)
- **Sealed swivel** specify NS

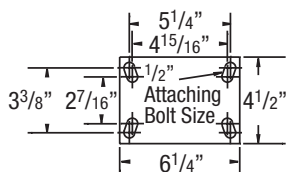
BEARING OPTIONS



Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



110
Series
Kingpinless



CR Semi-Pneumatic

| | | | | | | | |
|--|----|-------|-----|--------|-------|----|--------------------|
| | 8 | 2 | 500 | 9.5 | 2 1/4 | 12 | 110CR08201S |
| | 10 | 2 1/2 | 550 | 12 7/8 | 3 1/4 | 13 | 110CR10427S |

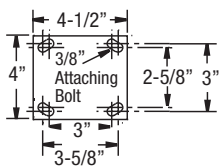
Standard Bearings: Roller (01) or (27) Radial Ball.

CR Semi-Pneumatic

| | | | | | | | |
|--|----|-------|-----|----|-------|----|-------------------|
| | 10 | 2 1/2 | 550 | 13 | 3 1/4 | 14 | 72CR10427S |
|--|----|-------|-----|----|-------|----|-------------------|

Standard Bearing: Radial Ball (27).

16
Series



Made in the USA

Monoprene Semi-Pneumatic (28 Precision Ball Bearing)

| | | | | | | | |
|--|---|---|-----|-------|-------|-------|-------------------|
| | 6 | 2 | 250 | 7 1/4 | 1 3/4 | 5 1/2 | 16SZ06228S |
| | 8 | 2 | 280 | 9 1/2 | 1 3/4 | 6 1/2 | 16SZ08228S |

Standard Bearing: Precision Ball (28).
For grey tread specify "SV" wheel code (example 16SV05228S).

CR Semi-Pneumatic

| | | | | | | | |
|--|----|-------|-----|--------|-------|----|-------------------|
| | 6 | 1 1/2 | 300 | 7 1/2 | 1 3/4 | 6 | 16CR06101S |
| | 8 | 2 | 500 | 7 1/2 | 1 3/4 | 11 | 16CR08201S |
| | 10 | 2 1/2 | 550 | 12 5/8 | 3 1/4 | 12 | 16CR10427S |
| | 12 | 3 | 600 | 15 1/2 | 3 1/4 | 14 | 16CR12527S |

Standard Bearings: Roller (01) or (27) Radial Ball.

PNEUMATIC CASTERS

CAPACITY RANGE 210-3630 LBS



95 Series
Pneumatic Caster

Common Applications:

- Indoor/Outdoor Carts
- Delicate Cargo Carts
- Outdoor Platforms & Stages
- Dollies
- Hospitality Carts
- Nursery Carts

Excellent for

- Uneven or Rough Surfaces
- Shock Absorption
- Floor and Cargo Protection



Pneumatic Casters
95 Series
Capacity up to 3630..... 97



90/72/110/16 Series
Capacity to 1170 98



When it was time to move the Liberty Bell ... only one caster company got the call!

ALBION®

Pneumatic Casters 95 Series

CAPACITY TO 3630



FEATURES

- **Swivel Casters:** Hardened double ball bearing raceway with 1-1/4" tapered roller thrust bearing
- **Shock Absorbing:** Cushion wheel protects equipment
- **Pressure Lubrication** to all bearings

BEARING OPTIONS



Tapered Roller (09)

RIG OPTIONS

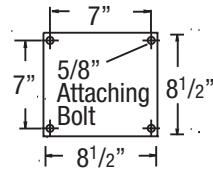
- **Swivel lock** specify L
- **Face contact brake** specify F
- **Sealed swivel** specify NS
- Foam fill available, consult factory

These casters and wheels are deluxe models. Use them for very heavy duty service. They will handle any job that is practical to mount on pneumatics. The tires are mounted on wide base rims. This permits more air volume, more load capacity, stability and cushioning. Wheel bearings are tapered with dust seals. **Note:** model ordered may look different than photo above.

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

95 Series

| Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number Tapered Roller Bearing (09) |
|-------------------------|---------------------------|--|-------------------------|----------------------|-------------------|---|
| 21 | 6.90/9 | 2420 | 24 1/4 | 5 | 84 1/4 | 95SF21909SBBLs |
| 23 | 6.50/10 | 2775 | 26 1/4 | 5 | 87 1/4 | 95SF23909SBBLs |
| 25 | 7.50/10 | 3630 | 28 3/4 | 5 | 90 1/2 | 95SF25909SBBLs |



Pneumatic Casters 90/72/110/16 Series

CAPACITY TO 1170



Made in the USA

Pneumatic casters are recommended for the greatest possible protection to both load and floor, or for off-road application. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider this product offering. Full pneumatics cushion the load on air as does automobile or truck wheels.



FEATURES

- **Steel Rigs:** 16 Series rigs now **Made in the USA** for added reliability
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Cushion wheel protects equipment
- **Bearings:** Ball or roller bearings

RIG OPTIONS

- **Swivel lock** specify **L**
- **Foot activated swivel lock** specify **SL160002** (16 Series Models)
- **Face contact brake** specify **F**
- **Sealed swivel** specify **NS**
- Foam fill available, consult factory
- Precision bearings available, consult factory
- For towed applications tapered bearings are recommended

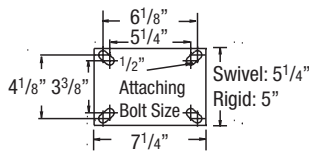
BEARING OPTIONS



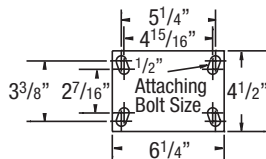
Straight Roller (01)

Industrial Ball (27)

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.



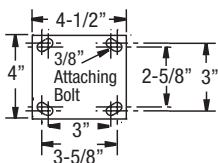
90
Series



72
Series



110
Series
Kingpinless



| | Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (Lbs) (Rating for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number Ball Bearing (27) | Base Caster Number Roller Bearing (01) |
|----------------------------|-------------------------|---------------------------|---|-------------------------------|--------------------------------|-------------------|---|---|
| 90 Series Pneumatic | | | | | | | | |
| 14 | 5.30/6 | 785 | 17 ³ / ₄ | 4 | 29 ¹ / ₄ | | 90SF14827S | 90SF14801S |
| 16 | 4.80/8 | 1000 | 19 ¹ / ₈ | 4 ¹ / ₂ | 35 ¹ / ₂ | | | 90SF16801S |
| 18 | 5.70/8 | 1170 | 21 ¹ / ₄ | 5 | 41 | | | 90SF18901S |

| | | | | | | | | |
|----------------------------|--------|-----|--------------------------------|-------------------------------|--------------------------------|--|-------------------|-------------------|
| 72 Series Pneumatic | | | | | | | | |
| 8 | 2.00/4 | 210 | 11 | 2 ⁵ / ₈ | | | 72SF08227S | |
| 8 | 2.80/4 | 295 | 11 | 2 ⁵ / ₈ | 12 ³ / ₄ | | 72SF08527S | 72SF08501S |
| 10 | 4.10/4 | 350 | 13 | 3 ¹ / ₄ | 14 ¹ / ₄ | | 72SF10627S | 72SF10601S |
| 12 | 4.10/6 | 445 | 15 ¹ / ₂ | 3 ¹ / ₂ | 17 ¹ / ₂ | | 72SF12727S | 72SF12701S |

| | | | | | | | | |
|----------------------------|--------|-----|--------------------------------|-------------------------------|--------------------------------|--|-------------------|-------------------|
| 16 Series Pneumatic | | | | | | | | |
| 8 | 2.00/4 | 210 | 9 ¹ / ₂ | 1 ³ / ₄ | | | 16SF08227S | |
| 8 | 2.50/4 | 220 | 10 ¹ / ₈ | 1 ³ / ₄ | 7 | | 16SF08427S | 16SF08401S |
| 8 | 2.80/4 | 295 | 11 | 2 ⁵ / ₈ | 9 ¹ / ₂ | | 16SF08527S | 16SF08501S |
| 10 | 4.10/4 | 350 | 13 | 3 ¹ / ₄ | 11 | | 16SF10627S | 16SF10601S |
| 12 | 4.10/4 | 445 | 15 ¹ / ₂ | 3 ¹ / ₂ | 14 ¹ / ₄ | | 16SF12727S | 16SF12701S |

| | | | | | | | | |
|-----------------------------|--------|-----|--------------------------------|-------------------------------|----|--|--------------------|--------------------|
| 110 Series Pneumatic | | | | | | | | |
| 10 | 4.10/4 | 350 | 12 ³ / ₄ | 3 ¹ / ₂ | 14 | | 110SF10627S | 110SF10601S |

DUAL PNEUMATIC CASTERS

CAPACITY RANGE 590-7260 LBS

295/290/272 SERIES • CAPACITY TO 7260

Cantilever-Style Dual Wheel Pneumatic Casters

CAPACITY TO 7260



Dual wheel models are recommended for the greatest possible protection to both loads and floors with increased capacity. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider this product offering.



Premium Quality



Environmentally Friendly
(Consult factory)

FEATURES

- **Swivel Casters:** Double ball bearing raceway. BBL models Hardened double ball bearing raceway with 1-1/4" tapered roller thrust bearing
- **Shock Absorbing:** Cushion wheel protects equipment
- **Pressure Lubrication** to all bearings

RIG OPTIONS

- **Swivel lock** specify L
- **Face contact brake** specify F
- **Sealed swivel** specify NS
- Foam fill available, consult factory

BEARING OPTIONS

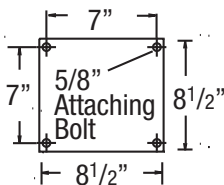


Straight Roller (01)



Tapered Roller (09)

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

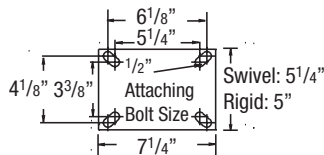


295

Dual Wheel Series

| Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (Lbs) (Based on nominal capacities) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number Roller Bearing (01), Tapered Roller Bearing (09) |
|---|-----------------------------------|--|--------------------------------|----------------------|---------------------------------|---|
| 295 Series Pneumatic Cantilever-Style Dual Wheel Casters | | | | | | |
| 21 | 6.90/9 | 4840 | 24 ¹ / ₄ | 5 | 129 ³ / ₄ | 295SF21909SBBL |
| 23 | 6.50/10 | 5550 | 26 ¹ / ₄ | 5 | 134 ¹ / ₂ | 295SF23909SBBL |
| 25 | 7 ¹ / ₂ /10 | 7260 | 28 ³ / ₄ | 5 | 139 | 295SF25909SBBL |

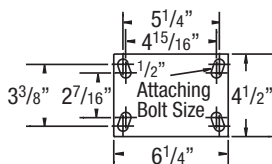
Swivel caster numbers shown, for rigid change SBBL to R.



290

Dual Wheel Series

| Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (Lbs) (Based on nominal capacities) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number Roller Bearing (01), Tapered Roller Bearing (09) |
|---|---------------------------|--|--------------------------------|-------------------------------|--------------------------------|---|
| 290 Series Pneumatic Cantilever-Style Dual Wheel Casters | | | | | | |
| 12 | 4.10/6 | 890 | 15 ¹ / ₂ | 3 ¹ / ₂ | 35 | 290SF12701S |
| 14 | 5.30/6 | 1570 | 17 ³ / ₄ | 4 | 41 | 290SF14801S |
| 16 | 4.80/9 | 2000 | 19 ¹ / ₈ | 4 ¹ / ₂ | 53 ¹ / ₄ | 290SF16801S |
| 18 | 5.70/8 | 2340 | 21 ¹ / ₄ | 5 | 59 ³ / ₄ | 290SF18901S |



272

Dual Wheel Series

| Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (Lbs) (Based on nominal capacities) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number Roller Bearing (01), Tapered Roller Bearing (09) |
|---|---------------------------|--|-------------------------|-------------------------------|--------------------------------|---|
| 272 Series Pneumatic Cantilever-Style Dual Wheel Casters | | | | | | |
| 8 | 2.80/4 | 590 | 11 | 2 ⁵ / ₈ | | 272SF08501S |
| 10 | 4.10/4 | 700 | 13 | 3 ¹ / ₄ | 21 ³ / ₄ | 272SF10601S |

DUAL PNEUMATIC CASTERS

EZ Ride

Pneumatic and Semi-pneumatic
Never-Flat Solutions



Pnuline Pneumatic

PEMCO

AIR RIDE
PNEUMATIC



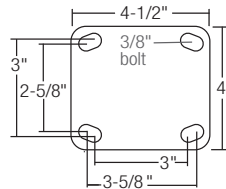
FEATURES

- Double ball raceways for smooth swiveling action
- Zerk fitting in axle and swivel raceway for easy maintenance
- 3/16" thick steel leg construction
- 5/8" diameter kingpin
- RoHS compliant industrial zinc finish for corrosion resistance

WARRANTY: 1 year



- 4-Ply sawtooth pattern
- Zerk fitting
- Air nozzle
- Precision ball bearing
- Zinc plated rims



| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------------------|-------------------|--------------------|----------------|---------------------|-----------------------------------|-----------------------------------|----------------------|----------------------|---------------------------------|---------------------|
| 8" | 2 ³ / ₄ " | 50 PSI | 2.80/2.50-4; 4-ply | Precision Ball | 300 | 10" | 6 ⁹ / ₁₆ " | 9 | PNU80SWL | PNU80SWLB | PNU80RGD |
| 10" | 4 ¹ / ₈ " | 50 PSI | 4.10/3.50-4; 4-ply | Precision Ball | 350 | 12" | 7 ¹¹ / ₁₆ " | 11 | PNU10SWL | PNU10SWLB | PNU10RGD |
| 12" | 4 ¹ / ₈ " | 30 PSI | 4.10/3.50-6; 4-ply | Precision Ball | 450 | 15 ³ / ₁₆ " | 9 ³ / ₁₆ " | 14 | PNU12SWL | PNU12SWLB | PNU12RGD |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

16 Series Pneumatic

ALBION



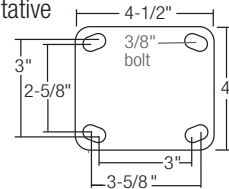
FEATURES

- Double ball raceways for smooth swiveling action
- Zerk fitting in axle and swivel raceway for easy maintenance
- 1/4" thick steel leg construction
- 3/4" diameter kingpin
- Optional welded or field installable swivel lock available, consult your sales representative

WARRANTY: 3 years



- Zerk fitting
- Air nozzle
- Industrial or roller bearing
- Powder coated rims



FBA Brake

F Brake

| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Optional Bearing* | Load Cap. (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------------------|-------------------|--------------------|-----------------|-------------------|-----------------|----------------------------------|----------------------------------|--------------------------------|----------------------|---------------------------------|---------------------|
| 6" | 2" | 50 PSI | 2; 4-ply | Industrial Ball | - | 200 | 7 ¹ / ₄ " | 3 ³ / ₄ " | 8 ¹ / ₂ | 16SF06227S | 16SF06227SFBA | 16SF06227R |
| 8" | 2" | 50 PSI | 2; 4-ply | Industrial Ball | - | 210 | 9 ¹ / ₂ " | 5 ³ / ₄ " | 9 | 16SF08227S | 16SF08227SFBA | 16SF08227R |
| 8" | 2 ¹ / ₂ " | 50 PSI | 2.5/2.3-4; 4-ply | Industrial Ball | Roller | 220 | 10 ¹ / ₈ " | 6 ¹ / ₈ " | 7 | 16SF08427S | 16SF08427SF | 16SF08427R |
| 8" | 2 ³ / ₄ " | 50 PSI | 2.8/2.5-4; 4-ply | Industrial Ball | Roller | 295 | 11" | 7 ¹ / ₈ " | 9 ¹ / ₂ | 16SF08527S | 16SF08527SF | 16SF08527R |
| 10" | 4 ¹ / ₈ " | 50 PSI | 4.10/3.50-4; 4-ply | Industrial Ball | Roller | 350 | 13" | 8 ³ / ₄ " | 11 | 16SF10627S | 16SF10627SF | 16SF10627R |
| 12" | 4 ¹ / ₈ " | 50 PSI | 4.1/3.5-6; 4-ply | Industrial Ball | - | 445 | 15 ¹ / ₂ " | 10 ¹ / ₄ " | 14 ¹ / ₄ | 16SF12727S | 16SF12727SF | 16SF12727R |

*For straight roller bearing models, change 8th and 9th digits (27) to 01. Example: 16SF08401S.

All load ratings are based on walking speed, consult engineering for load rating of towing applications



Jarvis Bellman Pneumatic

AIR RIDE PNEUMATIC



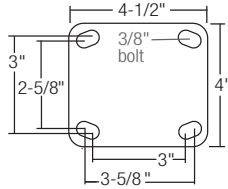
FEATURES

- Choice of brass or bright chrome plated finish
- Double ball raceways for smooth swiveling action
- 5/8" diameter kingpin
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 year



- Premium quality designed to prevent lops and wobble
- Air nozzle
- Precision ball bearing
- Brass or chrome plated rims



| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Brass Plated Swivel Caster Part # | Brass Plated Rigid Caster Part # | Bright Chrome Plated Swivel Caster Part # | Bright Chrome Plated Rigid Caster Part # |
|--------------------|---------------------|-------------------|-----------|-------------|---------------------|----------------------|-----------------------|----------------------|-----------------------------------|----------------------------------|---|--|
| 8" | 23/4" | 50 PSI | 2.80/2.50 | Radial Ball | 310 | 9 1/2" | 6 1/4" | 8 | FB8W819401GSPB | FG8W829401PB | FG8W819401GSPC | FG8W829401PC |

All load ratings are based on walking speed, consult engineering for load rating of towing applications



110 Series Kingpinless Pneumatic



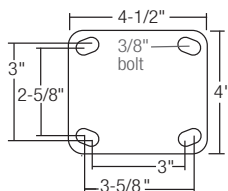
FEATURES

- Durable kingpinless design features 3/8" ball bearings mounted in heat treated precision machined raceway
- AISI 1045 steel
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years



- Air nozzle
- Industrial bearing
- The finish on these wheel cores can vary



| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------|-------------------|------------|-----------------|---------------------|----------------------|-----------------------|----------------------|----------------------|---------------------------------|---------------------|
| 10" | 3 1/2" | 50 PSI | 3.5/4.10-4 | Industrial Ball | 350 | 13" | 18 3/4" | 14 | 110SF10627S | 110SF10627SF | 110SF10627R |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

72 Series Pneumatic

ALBION



FEATURES

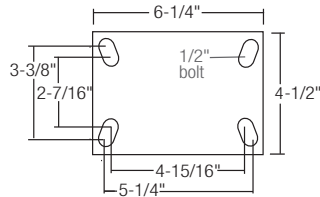
- Rugged AISI 1045 drop forged
- Double ball bearing "deep-groove" load and machined component thrust raceways
- 1/4" thick steel leg construction
- 3/4" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years



- Air nozzle
- Industrial ball bearing
- Zinc plated rims

AIR RIDE PNEUMATIC



F Brake

| Nominal Wheel Dia. | Nominal read Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------------------|-------------------|------------|-----------------|---------------------|----------------------------------|-----------------------------------|--------------------------------|----------------------|---------------------------------|---------------------|
| 8" | 2 ³ / ₄ " | 50 PSI | 2.5/2.3-4 | Industrial Ball | 295 | 11" | 7 ¹ / ₈ " | 12 ³ / ₄ | 72SF08527S | 72SF08527SF | 72SF08527R |
| 10" | 3 ¹ / ₂ " | 50 PSI | 3.5/4.10-4 | Industrial Ball | 350 | 13" | 11 ³ / ₄ " | 14 ¹ / ₄ | 72SF10627S | 72SF10627SF | 72SF10627R |
| 12" | 4 ¹ / ₈ " | 50 PSI | 4.1/3.5-6 | Industrial Ball | 445 | 15 ¹ / ₂ " | 10 ³ / ₃₂ " | 17 ¹ / ₂ | 72SF12727S | 72SF12727SF | 72SF10627R |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

90 Series Pneumatic

ALBION



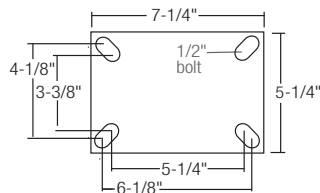
FEATURES

- 90 Series handles more abuse compared to 72 Series
- 4" diameter deep-grooved load raceway with 1/2" steel balls for better load distribution. The thrust race is 2-5/8" diameter using 3/8" diameter steel balls for increased capacity
- 3/8" thick steel leg construction
- 1" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years



- Air nozzle
- Straight roller bearing
- Powder coated rims



F Brake

| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------------------|-------------------|-----------|-----------------|---------------------|----------------------------------|-----------------------|--------------------------------|----------------------|---------------------------------|---------------------|
| 14" | 5 ¹ / ₄ " | 38 PSI | 5.3/4.5-6 | Straight Roller | 350 | 19 ¹ / ₈ " | 11" | 29 ¹ / ₄ | 90SF14801S | 90SF14801SF | 90SF14801R |
| 16" | 4 ³ / ₄ " | 90 PSI | 4.8/4.1-8 | Straight Roller | 445 | 15 ¹ / ₂ " | 13" | 35 ¹ / ₂ | 90SF16801S | 90SF16801SF | 90SF16801R |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

272 Series Pneumatic

AIR RIDE PNEUMATIC



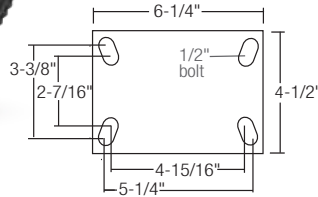
FEATURES

- Rugged AISI 1045 drop forged
- Double ball bearing “deep-groove” load and machined component thrust raceways
- 1/4" thick steel leg construction
- 3/4" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 year



- Air nozzle
- Industrial ball bearing
- Zinc plated rims



| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------------------|-------------------|-------------|-----------------|---------------------|----------------------|-----------------------------------|--------------------------------|----------------------|---------------------------------|---------------------|
| 8" | 2 ³ / ₄ " | 50 PSI | 2.8/2.5-4 | Industrial Ball | 590 | 11" | 8 ⁹ / ₁₆ " | 20 | 272SF08527S | 272SF08527SF | 272SF08527R |
| 10" | 4 ¹ / ₈ " | 50 PSI | 4.10/3.50-4 | Industrial Ball | 700 | 13" | 10 ³ / ₁₆ " | 21 ³ / ₄ | 272SF10627S | 272SF10627SF | 272SF10627R |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

290 Series Pneumatic



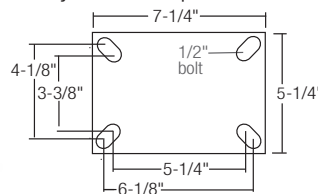
FEATURES

- 4" diameter deep-grooved load raceway with 1/2" steel balls for better load distribution. The thrust race is 2-5/8" diameter using 3/8" diameter steel balls for increased capacity
- Zerk fitting in axle and swivel raceway for easy maintenance
- 3/8" thick steel leg construction
- 1" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 year



- Air nozzle
- Straight roller bearing
- Powder coated rims



| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure PSI | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|----------------------------------|-----------------------|-----------|-----------------|---------------------|----------------------------------|---|--------------------------------|----------------------|---------------------------------|---------------------|
| 12" | 4 ¹ / ₈ " | 50 PSI | 4.1/3.5-6 | Straight Roller | 890 | 15 ¹ / ₂ " | 11 ¹³ / ₁₆ "; Brake: 14" | 35 | 290SF12701S | 290SF12701SF | 290SF12701R |
| 14" | 5 ¹ / ₄ " | 38 PSI | 5.3/4.3-6 | Straight Roller | 1,570 | 17 ¹ / ₂ " | 11 ³ / ₈ "; Brake 15 ⁵ / ₈ " | 41 | 290SF14801S | 290SF14801SF | 290SF14801R |
| 16" | 4 ³ / ₄ " | 90 PSI | 4.8/4.1-8 | Straight Roller | 2,000 | 19 ¹ / ₈ " | 12 ¹ / ₂ "; Brake 15 ⁵ / ₈ " | 53 ¹ / ₄ | 290SF16801S | 290SF16801SF | 290SF16801R |
| 18" | 5 ¹ / ₁₆ " | 75 PSI | 5.7/5.2-8 | Straight Roller | 2,340 | 21 ¹ / ₄ " | 15 ³ / ₄ "; Brake 17 ⁹ / ₃₂ " | 59 ³ / ₄ | 290SF18901S | 290SF18901SF | 290SF18901R |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

Pemco Never-Flat

PEMCO



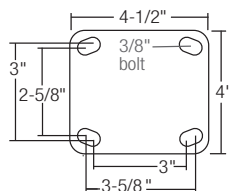
FEATURES

- Sealed upper raceway keeps out dirt & debris
- Double ball raceways for smooth swiveling
- Corrosion resistant polypropylene core
- Optional painted or powder coated gray steel hub
- 3/16" thick steel leg construction
- 5/8" diameter kingpin
- 5/8" axle
- RoHS compliant industrial zinc finish for corrosion resistance

WARRANTY: 1 year



- Unique Micro-Cellular Polyurethane wheel technology
- Acts just like a pneumatic tire ... but will never go flat
- Shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zerk fitting for easy axle maintenance
- Sealed precision ball bearings standard



| Nominal Wheel Dia. | Nominal Tread Width | Tire Type | Bearing | Load Capacity (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------------------|-------------|----------------|---------------------|-----------------------------------|-----------------------------------|----------------------|----------------------|---------------------------------|---------------------|
| 8" | 2 ³ / ₄ " | 2.80/2.50-4 | Precision Ball | 275 | 10" | 6 ⁹ / ₁₆ " | 7 | NFPF80SWL | NFPF80SWLB | NFPF80RGD |
| 10" | 4 ¹ / ₈ " | 4.10/3.50-4 | Precision Ball | 300 | 12" | 7 ¹¹ / ₁₆ " | 8 | NFPF10SWL | NFPF10SWLB | NFPF10RGD |
| 12" | 4 ¹ / ₈ " | 4.10/3.50-6 | Precision Ball | 500 | 15 ³ / ₁₆ " | 9 ³ / ₁₆ " | 10 | NFPF12SWL | NFPF12SWLB | NFPF12RGD |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

16 Series Never-Flat CR

ALBION



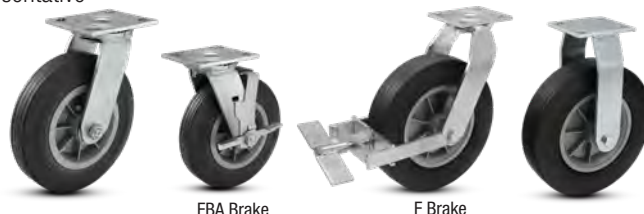
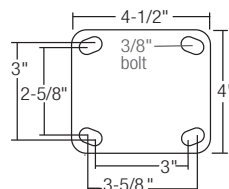
FEATURES

- Double ball raceways for smooth swiveling action
- Zerk fitting in axle and swivel raceway for easy maintenance
- 1/4" thick steel leg construction
- 3/4" diameter kingpin
- Slotted for optional swivel lock
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years



- Special blend of granular rubber and chemical accelerators, cured under tremendous pressure
- Polypropylene core
- Shock absorbing wheels provide ultimate cargo protection
- Quiet, smooth mobility
- Zerk fitting for easy axle maintenance
- Roller or industrial ball bearings



| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Cap. (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------------------|-----------------|-----------------|----------------------------------|-----------------------------------|----------------------|----------------------|---------------------------------|---------------------|
| 6" | 1 ¹ / ₂ " | Straight Roller | 300 | 7 ¹ / ₂ " | 4 ³ / ₁₆ " | 6 | 16SF06101S | 16CR06101SFBA | 16CR06101R |
| 8" | 2" | Straight Roller | 500 | 9 ¹ / ₂ " | 5 ¹³ / ₁₆ " | 11 | 16SF08201S | 16CR08201SFBA | 16CR08201R |
| 10" | 2 ¹ / ₂ " | Industrial Ball | 550 | 12 ⁵ / ₈ " | 9" | 12 | 16SF10427S | 16CR10427SF | 16CR10427R |
| 12" | 3" | Industrial Ball | 600 | 15 ¹ / ₂ " | 10" | 16 | 16SF12527S | 16CR12527SF | 16CR12527R |

All load ratings are based on walking speed, consult engineering for load rating of towing applications



Made from recycled tire rubber

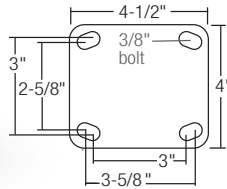
16 Series Never-Flat Black SZ



CUSHION RIDE
NEVER-FLAT

FEATURES

- Double ball raceways for smooth swiveling action
- 1/4" thick steel leg construction
- Optional swivel lock available, consult your sales representative



WARRANTY: 3 years



- Black Monoprene rubber SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat
- Maintenance free wheels rejects debris
- Non-marking shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zinc plated rim



FBA Brake

F Brake

| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Cap. (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------|----------------|-----------------|----------------------|-----------------------|----------------------|----------------------|---------------------------------|---------------------|
| 6" | 2" | Precision Ball | 250 | 7 1/4" | 5" | 5 1/2 | 16SZ06228S | 16SZ06228SFBA | 16SZ06228R |
| 8" | 2" | Precision Ball | 280 | 9 7/16" | 5 3/4" | 6 1/2 | 16SZ08228S | 16SZ08228SFBA | 16SZ08228R |
| | 2 1/2" | Precision Ball | 350 | 9 7/16" | 5 3/4" | 8 | 16SZ08428S | 16SZ08428SF | 16SZ08428R |
| 10" | 3 1/2" | Precision Ball | 440 | 13 1/16" | 8 3/4" | 13 | 16SZ10628S | 16SZ10628SF | 16SZ10628R |

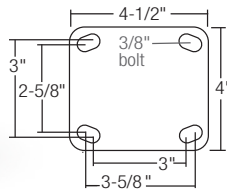
All load ratings are based on walking speed, consult engineering for load rating of towing applications

16 Series Never-Flat Gray SV



FEATURES

- Double ball raceways for smooth swiveling action
- 1/4" thick steel leg construction
- Optional swivel lock available, consult your sales representative



WARRANTY: 3 years



- Gray Monoprene rubber SV wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat
- Maintenance free wheels rejects debris
- Non-marking shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zinc plated rim



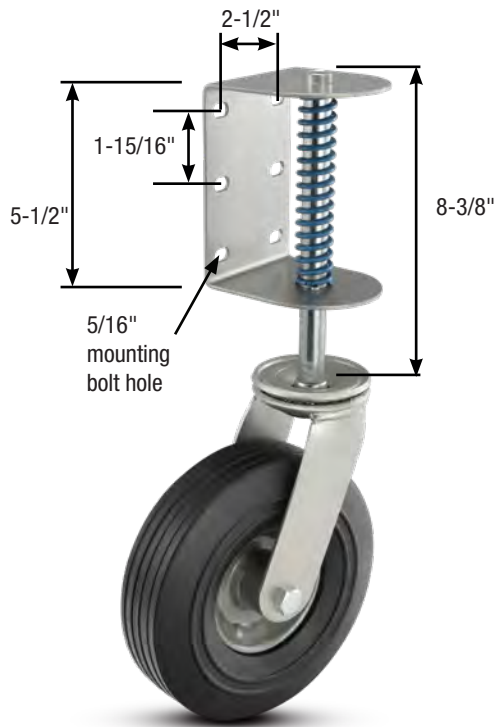
FBA Brake

F Brake

| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Cap. (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------|----------------|-----------------|----------------------|-----------------------|----------------------|----------------------|---------------------------------|---------------------|
| 6" | 2" | Precision Ball | 250 | 7 1/4" | 5" | 5 1/2 | 16SV06228S | 16SV06228SFBA | 16SV0628R |
| 8" | 2" | Precision Ball | 280 | 9 7/16" | 5 3/4" | 6 1/2 | 16SV08228S | 16SV08228SFBA | 16SV0828R |
| | 2 1/2" | Precision Ball | 350 | 9 7/16" | 5 3/4" | 8 | 16SV08428S | 16SV08428SF | 16SV0428R |
| 10" | 3 1/2" | Precision Ball | 440 | 13 1/16" | 8 3/4" | 13 | 16SV10628S | 16SV10628SF | 16SV10628R |

All load ratings are based on walking speed, consult engineering for load rating of towing applications

Albion Gate Caster



FEATURES

- Gate mount integrated in caster
- Spring loaded design provides shock absorption

WARRANTY: 1 year



- Semi-pneumatic cushion ride. No air necessary.
- Acts just like a pneumatic tire ... but will never go flat
- Shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- All bearings are pressure lubricated
- Industrial ball bearings
- Powder coated finish

| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Cap. (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # |
|--------------------|---------------------|-------------|-----------------|----------------------|-----------------------|----------------------|----------------------|
| 10" | 2 1/2" | Radial Ball | 210 | 8 1/2" | 6 3/16" | 10 | 14SN08427S001 |



CUSHION RIDE
NEVER-FLAT

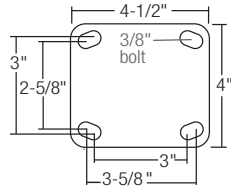
Albion can quote variations on these configurations, please contact us



CUSHION RIDE
NEVER-FLAT

FEATURES

- Durable kingpinless design features 3/8" ball bearings mounted in heat treated precision machined raceway
- Zerk fitting in axle and swivel raceway for easy maintenance
- 1/4" thick steel leg construction
- Slotted for optional swivel lock



WARRANTY: 3 years



- Black Monoprene rubber SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat
- Water resistant tread
- Maintenance free wheels rejects debris
- Non-marking shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zinc plated rim



F Brake

| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Cap. (lbs) | Nominal Mount Height | Nominal Swivel Radius | Approx. Weight (lbs) | Swivel Caster Part # | Swivel Caster With Brake Part # | Rigid Caster Part # |
|--------------------|---------------------|----------------|-----------------|----------------------|-----------------------|----------------------|----------------------|---------------------------------|---------------------|
| 10" | 3 1/2" | Precision Ball | 440 | 127/8" | 85/8" | 16 | 110SZ10628S | 110SZ10628SF | 16SZ10628R |



Wheels

Colson Group Companies offer a complete line of pneumatic and semi-pneumatic replacement wheels.

Air Ride
(Page 108)



Cushion Ride
(Page 109)



Hand truck
(Page 110-111)



3-Piece Hub Design

- Many of our pneumatic wheels feature the 3-piece hubs
- The three-piece design features a core, a spun inner barrel and a spun outer barrel (the lip). These three pieces are then bolted together to form a 3-piece wheel.
- The design has an interesting look along with advantage of better fitment options and easier repair





Pemco Pnuline Pneumatic Wheels

| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------------------|-------------------|-------------|----------------|---------------------|------------|---------------------------------|-------------------------------|--------------|
| 8" | 2 ³ / ₄ " | 50 PSI | 2.80/2.50-4 | Precision Ball | 300 | 5/8" | 3 ¹ / ₂ " | 3 ¹ / ₂ | WH8X2.5PNU |
| 10" | 4 ¹ / ₈ " | 50 PSI | 4.10/3.50-4 | Precision Ball | 350 | 1/2" | 4" | 5 | WH10X3.5PNU |
| 12" | 4 ¹ / ₈ " | 30 PSI | 4.10/3.50-6 | Precision Ball | 450 | 1/2" | 4" | 6 | WH12X3.5PNU |

These economical 4-Ply sawtooth pattern pneumatic features zerk fitting and air nozzle for easy maintenance. Wheels feature precision roller bearings for a smooth ride.

Albion Pneumatic Wheels



| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------------------|-------------------|-------------|-----------------|---------------------|---------------------------------|-----------------------------------|-------------------------------|--------------|
| 6" | 2" | 50 PSI | – | Industrial Ball | 200 | 1/2" | 1 ¹⁵ / ₁₆ " | 2 | SF0622708 |
| 8" | 2" | 50 PSI | – | Industrial Ball | 210 | 1/2" | 2 ⁷ / ₁₆ " | 3 | SF0822708 |
| 8" | 2 ¹ / ₂ " | 50 PSI | 2.5/2.3-4 | Industrial Ball | 220 | 1/2" | 3" | 3 | SF0842708 |
| | 2 ¹ / ₂ " | 50 PSI | 2.5/2.3-4 | Straight Roller | 220 | 3/4" | 2 ³ / ₄ " | 4 ¹ / ₄ | SF0840112 |
| 9" | 2 ³ / ₄ " | 50 PSI | 2.8/2.5-4 | Industrial Ball | 295 | 1/2" | 3 ¹ / ₂ " | 4 ¹ / ₄ | SF0852708 |
| | 2 ³ / ₄ " | 50 PSI | 2.8/2.5-4 | Straight Roller | 295 | 3/4" | 3 ¹ / ₂ " | 4 ¹ / ₄ | SF0850112 |
| 10" | 4 ¹ / ₈ " | 50 PSI | 4.10/3.50-4 | Industrial Ball | 350 | 1/2" | 3 ¹ / ₂ " | 5 ¹ / ₄ | SF1062708 |
| | 4 ¹ / ₈ " | 50 PSI | 4.10/3.50-4 | Straight Roller | 350 | 3/4" | 3 ¹ / ₂ " | 5 ¹ / ₄ | SF1060112 |
| 12" | 4 ¹ / ₈ " | 50 PSI | 4.1/3.5-6 | Industrial Ball | 445 | 3/4" | 4 ¹ / ₂ " | 6 ¹ / ₄ | SF1272712 |
| | 4 ¹ / ₈ " | 50 PSI | 4.1/3.5-6 | Industrial Ball | 445 | 1" | 4 ¹ / ₂ " | 6 ¹ / ₄ | SF1270116 |
| 14" | 5 ¹ / ₈ " | 38 PSI | 5.3/4.3-6 | Straight Roller | 785 | 1" | 4 ¹ / ₂ " | 9 | SF1480116 |
| 16" | 4 ³ / ₄ " | 90 PSI | 4.8/4.1-8 | Straight Roller | 1,000 | 1 ¹ / ₄ " | 6" | 12 | SF1680120 |
| 18" | 5 ³ / ₄ " | 75 PSI | 5.7/5.2-8 | Straight Roller | 1,170 | 1 ¹ / ₄ " | 4 ¹ / ₂ " | 15 | SF1890120 |

Albion offers a complete line of pneumatic wheels from 6" to 18" in diameter. The durable wheels feature 4-Ply construction.



Jarvis Bellman Pneumatic Wheels With Brass Coated Hub

| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Cap. (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------------------|-------------------|-------------|-------------|-----------------|------------|------------|-------------------------------|---------------|
| 8" | 2 ³ / ₄ " | 50 PSI | 2.80/2.50-4 | Radial Ball | 310 | 1/2" | 3" | 3 ¹ / ₂ | 8-940BLKBRASS |



Jarvis Bellman Pneumatic Wheels With Chrome Coated Hub

| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Cap. (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------------------|-------------------|-------------|-------------|-----------------|------------|------------|-------------------------------|----------------|
| 8" | 2 ³ / ₄ " | 50 PSI | 2.80/2.50-4 | Radial Ball | 310 | 1/2" | 3" | 3 ¹ / ₂ | 8-940BLKCHROME |

Jarvis Bellman Pneumatic wheels are high quality pneumatic tires designed to enhance the appearance of your equipment.

CUSHION RIDE
NEVER-FLAT

Pemco Never-Flat Micro-Cellular Polyurethane Wheels

| Nominal Wheel Dia. | Nominal Tread Width | Tire Type | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------------------|-------------|----------------|---------------------|------------|---------------------------------|--------------------------------|--------------|
| 8" | 2 ³ / ₄ " | 2.80/2.50-4 | Precision Ball | 275 | 5/8" | 3 ³ / ₄ " | 3 ⁷ / ₃₂ | WH8X2.5NFPP |
| 10" | 4 ¹ / ₈ " | 4.10/3.50-4 | Precision Ball | 300 | 5/8" | 4" | 4 ¹ / ₁₆ | WH10X3.5NFPP |
| 12" | 4 ¹ / ₈ " | 4.10/3.50-6 | Precision Ball | 500 | 5/8" | 4" | 6 | WH12X3.5NFPP |

Never-Flat wheels feature a unique open and closed micro-cellular polyurethane wheel technology. The wheel acts just like a pneumatic tire ... but will never go flat



Pemco Never-Flat CR Crumb Rubber Wheels

| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------------------|-----------------|---------------------|------------|---------------------------------|---------------------------------|---------------|
| 6" | 1 ¹ / ₂ " | Straight Roller | 300 | 1/2" | 2 ¹ / ₄ " | 1 ⁷ / ₁₆ | WH6X150CRR |
| 8" | 2" | Straight Roller | 500 | 1/2" | 2 ¹ / ₄ " | 2 ²³ / ₃₂ | WH8X200CRR |
| | 2 ¹ / ₄ " | Industrial Ball | 500 | 5/8" | 2 ¹ / ₂ " | 3 ¹⁹ / ₃₂ | WH8X225CRF10 |
| | 2 ¹ / ₄ " | Industrial Ball | 500 | 3/4" | 2 ¹ / ₂ " | 3 ¹⁹ / ₃₂ | WH8X225CRF12 |
| 10" | 2 ¹ / ₄ " | Industrial Ball | 550 | 5/8" | 3 ¹ / ₄ " | 5 ²⁷ / ₃₂ | WH10X250CRF10 |
| | 2 ¹ / ₄ " | Industrial Ball | 550 | 3/4" | 3 ¹ / ₄ " | 5 ²⁷ / ₃₂ | WH10X250CRF12 |
| 12" | 2 ¹ / ₄ " | Industrial Ball | 600 | 3/4" | 3 ¹ / ₄ " | 8 ²⁵ / ₃₂ | WH12X300CRF10 |
| | 3" | Industrial Ball | 600 | 3/4" | 3 ¹ / ₄ " | 8 ²⁵ / ₃₂ | WH12X300CRF12 |
| | 3" | Delrin | 600 | 1" | 2 ¹ / ₂ " | 8 ²⁵ / ₃₂ | WH12X300CRD16 |

Recycled crumb rubber tread on polypropylene core. Special blend of granular rubber and chemical accelerators, cured under tremendous pressure



Made from recycled tire rubber

Albion Never-Flat SZ Solid Monoprene Wheels

| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------------------|----------------|---------------------|------------|----------------------------------|---------------------------------|--------------|
| 6" | 2" | Precision Ball | 250 | 1/2" | 2 ⁷ / ₁₆ " | 2 ⁵ / ₁₆ | SZ0622808 |
| 8" | 2" | Precision Ball | 280 | 1/2" | 2 ⁷ / ₁₆ " | 3 ¹¹ / ₁₆ | SZ0822808 |
| 10" | 3 ¹ / ₄ " | Precision Ball | 440 | 1/2" | 3 ¹ / ₄ " | 6 ¹³ / ₁₆ | SZ1062808 |

Monoprene rubber SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat. The maintenance free wheels rejects debris and are non-marking.

SV gray models also available.

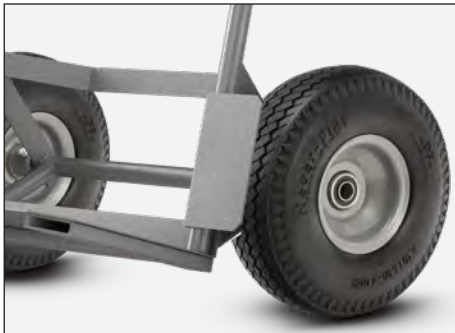




Your Choice of Air Ride or Cushion Ride Never-Flat Hand Trucks

Colson Group branded hand truck wheels feature the popular off-set hub design. These light weight, high performance hand truck wheels roll longer, quieter and smoother without marking floors.

- Excellent for transporting fragile cargo
- Excellent for off-road applications typical with hand truck applications
- Your choice:
 - Albion Air Ride Pneumatics
 - Pemco Never-Flat Micro-Cellular Polyurethane
 - Pemco Never-Flat CR Crumb Rubber
 - Albion Xtra-Soft Cushion TPR Tread
- Albion pneumatic hand truck wheels are easy to maintain with standard air nozzle and zerk fitting
- Never-Flat wheels operate like pneumatic tires ... but will never go flat
- Shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Non-marking design will not “scuff up” your floors.
- Zerk fitting for easy axle maintenance
- Sealed precision ball bearings standard



One side of tire has the hub that connects to the axle, the other side is off-set to accommodate hand truck applications.

Pneumatic Hand Truck Wheels



Albion Pneumatic Hand Truck Wheel – 4 Ply

| Nominal Wheel Dia. | Nominal Tread Width | Max. Air Pressure | Tire Type | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------|-------------------|-----------|----------------|---------------------|------------|---------------|----------------------|--------------|
| 10" | 4 1/8" | 50 PSI | 4.1-3.5-4 | Precision Ball | 350 | 5/8" | 2 1/4" offset | 2 | S01062810 |

Albion offers a complete line of pneumatic wheels from 6" to 18" in diameter. The durable wheels feature 4-Ply construction.

Pemco Never-Flat Micro-Cellular Polyurethane Hand Truck Wheel

| Nominal Wheel Dia. | Nominal Tread Width | Tire Type | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------|-----------|----------------|---------------------|------------|---------------|----------------------|-----------------|
| 10" | 4 1/8" | 4.1-3.5-4 | Precision Ball | 350 | 5/8" | 2 1/4" offset | 3 13/16 | WH10X3.5NFPPOFF |

These economical 4-Ply sawtooth pattern pneumatic features zerk fitting and air nozzle for easy maintenance. Wheels feature precision roller bearings for a smooth ride.



Pemco Never-Flat CR Crumb Rubber Hand Truck Wheel

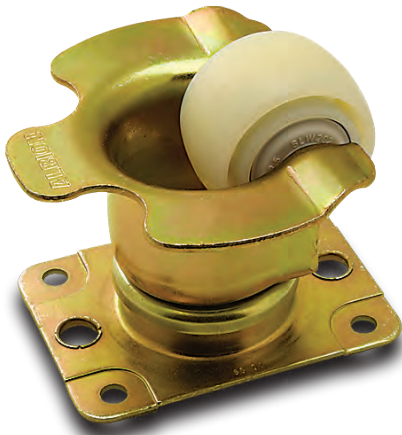
| Nominal Wheel Dia. | Nominal Tread Width | Bearing | Load Capacity (lbs) | Bearing ID | Hub Length | Approx. Weight (lbs) | Wheel Part # |
|--------------------|---------------------|-----------------|---------------------|------------|---------------|----------------------|------------------|
| 8" | 2 1/4" | Industrial Ball | 500 | 5/8" | 2 1/4" offset | 3 19/32 | WH8X225CRFOFF10 |
| | 2 1/4" | Industrial Ball | 500 | 3/4" | 2 1/4" offset | 3 19/32 | WH8X225CRFOFF12 |
| 10" | 2 1/2" | Industrial Ball | 550 | 5/8" | 2 1/4" offset | 8 13/16 | WH10X250CRFOFF10 |
| | 2 1/2" | Industrial Ball | 550 | 3/4" | 2 1/4" offset | 8 13/16 | WH10X250CRFOFF12 |

Recycled crumb rubber tread on polypropylene core. Special blend of granular rubber and chemical accelerators, cured under tremendous pressure



AIR CARGO AND AVIATION

CAPACITY RANGE 375-450 LBS



Cargo Conveyor Casters

Common Applications:

- Aviation Industry
- Cargo Industry
- Automotive Industry
- Conveyor Systems



Albion 03 Air Cargo/Conveyor
Capacity to 450 114



Air Cargo/Conveyor
Capacity to 375 114

Before you fly, you need to roll! View Our Popular Aviation Caster Series:

LASER CUT INTEGRATED BRAKES



PLB brakes are now available for aviation industry casters

LONGER LASTING KINGPINLESS CASTERS



If you need casters that will be impacted or shock-loaded ... or casters more suited for power-towed applications, see the Heavy Duty Kingpinless Section (pages 26-39).

DUAL WHEELS FOR ULTIMATE STABILITY



Looking to gain higher load ratings with low overall heights, better product stability and floor protection, or softer wheel options while maintaining high load ratings? View all of our dual wheel options (pages 71-83).

SPRING LOADED CASTERS



If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and reduced noise levels, see the Spring Loaded Section (pages 84-94).

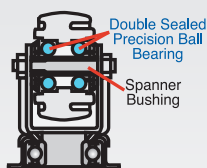
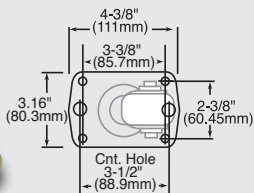
03

Q Premium Quality Air Cargo/Conveyor Casters CAPACITY TO 450

Priority Premier™



MOUNTING OPTIONS



TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

Three quality levels to meet all of your air cargo conveyor needs.

Priority Premier™ is built to exceptional manufacturing standards.

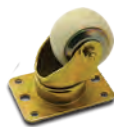
FEATURES

Priority Premier™

- Sealed precision ball bearing in swivel section and wheel
- 1/8" formed steel construction
- Additional O-ring seal in swivel section prevents contamination
- Shock resistant premium nylon wheel
- Zinc plated finish on diamond plate models, yellow dichromate finish on rectangular plate models
- Optional Integral toe guard on 2 1/4" models
- Nylon Thread Guards

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|-------------------|---------------|

Priority Premier™ Rectangular Plate Yellow Dichromate Finish



| | | | | | |
|--------------|--------------|-----|--------------|-------|-----------------------|
| 2 1/4 (58mm) | 1 3/8 (34mm) | 450 | 3 3/4 (96mm) | 1 3/4 | 03XN02028S004C |
|--------------|--------------|-----|--------------|-------|-----------------------|

Double sealed precision ball bearing.

Priority Premier™ Rectangular Plate Yellow Dichromate Metal Toe Guard



| | | | | | |
|--------------|--------------|-----|--------------|-------|-----------------------|
| 2 1/4 (58mm) | 1 3/8 (34mm) | 450 | 3 3/4 (96mm) | 1 3/4 | 03XN02028S001C |
|--------------|--------------|-----|--------------|-------|-----------------------|

Double sealed precision ball bearing.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Double Sealed Precision Ball (28) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|---|
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|---|

Replacement Wheel



XN Wheel (28 Double Sealed Precision Ball Bearing)

| | | | | | | | |
|--------------|-------|-----|------|-----|------|-----|------------------|
| 2 1/4 (34mm) | 1 3/8 | 450 | 1.79 | 1/3 | 5/16 | .25 | XN0202807 |
|--------------|-------|-----|------|-----|------|-----|------------------|

Heavy Duty Air Cargo/Conveyor Caster



Q Premium Quality

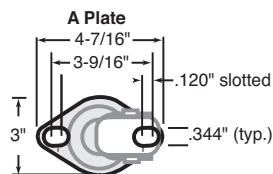


TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

Designed for inverted applications, these Faultless conveyor casters are designed for easy installation and replacement in the field. Special dust-and-grease cap and special all-temperature lubricant are standard along with precision bearing swivel and needle bearing wheels. Corrosive-resistant zinc dichromate finish is standard.

MOUNTING OPTIONS



FEATURES

- **Raceways:** Fully sealed raceways for low maintenance and protection of the swivel head in outdoor environments
- **Swivel Bearings:** Precision bearing swivel
- **Wheel Bearings:** Needle bearings or ball bearings; thread guards standard for longer life
- **Finish:** Corrosion-resistant zinc dichromate or powder coated finishes
- **Suggested Temperature Range:** 20°F to +180°F
- **Special Top Plates Available:** For specific installation requirements, consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Radius (Inches) | Caster Number |
|-------------------------|----------------------|--|-------------------------|------------------------|---------------|
|-------------------------|----------------------|--|-------------------------|------------------------|---------------|

Polyflex Brown (Needle Bearing) with A Plate



| | | | | | |
|-------|-------|-----|--------|-------|--------------|
| 2 3/4 | 1 3/8 | 375 | 4 1/32 | 2 3/8 | 27015 |
|-------|-------|-----|--------|-------|--------------|

Polyflex Grey with Toe Guard (Needle Bearing) with A Plate



| | | | | | |
|-------|-------|-----|--------|--------|--------------|
| 2 3/4 | 1 3/8 | 375 | 4 1/32 | 2 3/16 | 27016 |
|-------|-------|-----|--------|--------|--------------|

POLYURETHANE TREAD WHEELS



CG-MAX

Polyurethane on Aluminum Core (AN,AX).....116

Polyurethane on Iron



Polyurethane on Iron (PY, PH).....116-117



Polyurethane on Iron (Thick Tread) (PX).....118



Polyurethane on Heavy Duty Cast Iron (PF).....119



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Polyurethane on Aluminum



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Polyurethane Press-On



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Round Tread Polyurethane on Aluminum Core



Polyurethane Round Tread on Aluminum (PM, PM 80A).....124

Economical Polyurethane



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Polyurethane V groove



Polyurethane V-Groove (XV).....127



CG-MAX



Ergonomic



Maintenance Free



Premium Quality



Towing[^]

Maximum Efficiency Wheel™



The CG-MAX wheel was designed and formulated to outperform, outlast, and take customer efficiency to the MAX. With best-in-class ergonomics and durability, this versatile polyurethane on aluminum wheel will drive new value into your operations. From improved material flow to safer workplaces, we encourage you to experience the real impact CG-MAX wheels will have on your business today!

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant



Visit albioncasters.com/CG-MAX

for additional information and CAD models.



Tread is mechanically and chemically bonded through a patented process to a lightweight durable aluminum core

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|

CG-MAX Polyurethane on Aluminum Core (Orange)

| | | | | | | | |
|----|---|------|-------|-------|-----|-------|--------------|
| 4 | 2 | 800 | 27/16 | 19/16 | 1/2 | 1 1/2 | AN0422808MAX |
| 5 | 2 | 1000 | 27/16 | 19/16 | 1/2 | 2 | AN0522808MAX |
| 6 | 2 | 1250 | 27/16 | 19/16 | 1/2 | 3 | AN0622808MAX |
| 8 | 2 | 1500 | 27/16 | 19/16 | 1/2 | 4 | AN0822808MAX |
| 10 | 2 | 2000 | 27/16 | 19/16 | 1/2 | 5 | AN1022808MAX |

CG-MAX Polyurethane on Aluminum Core (Maroon)

| | | | | | | | |
|----|---|------|-------|-------|-----|-------|--------------|
| 4 | 2 | 800 | 27/16 | 19/16 | 1/2 | 1 1/2 | AX0422808MAX |
| 5 | 2 | 1000 | 27/16 | 19/16 | 1/2 | 2 | AX0522808MAX |
| 6 | 2 | 1250 | 27/16 | 19/16 | 1/2 | 3 | AX0622808MAX |
| 8 | 2 | 1500 | 27/16 | 19/16 | 1/2 | 4 | AX0822808MAX |
| 10 | 2 | 2000 | 27/16 | 19/16 | 1/2 | 5 | AX1022808MAX |

FEATURES

- **Wheel face:** Round tread
- **Finish:** Orange or Maroon on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 85 Shore A
- Wheels feature patent pending top hats



Top Hats Reduce Waste

PY/PH



Premium Quality



Towing

Polyurethane on Cast Iron Core



Made in the USA

These wheels are composed of a polyurethane elastomer, open cast on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Thickness:** 1/2" thick polyurethane tread
- **Wheel Face:** Available in flat or 3° crown
- **Hardness:** 95 Shore A
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F to +180°F

WHEEL OPTIONS

See next page

| Wheel Diameter (Inches) | Tread Width (Inches) | 95A Capacity (Lbs) (Rated for manual operation) | 80A Capacity (Lbs) (Rated for manual operation) | 70D Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Num. Roller Brg. (01,05,07) | Wheel Number Tapered Bearing (09) | Wheel Number Precision Ball (28) |
|-------------------------|----------------------|---|---|---|---------------------|------------------|---------------------|-------------------|-----------------------------------|-----------------------------------|----------------------------------|
|-------------------------|----------------------|---|---|---|---------------------|------------------|---------------------|-------------------|-----------------------------------|-----------------------------------|----------------------------------|



Polyurethane on Cast Iron Core (PY, PH)

| | | | | | | | | | | | |
|-------|-------|------|------|------|-------|---------|-------|--------|-----------|-----------|-------------|
| 3 1/4 | 3 1/4 | 850 | 680 | 1020 | 3 1/4 | 1 15/16 | 1 | 3 | PY0350116 | | |
| 3 1/4 | 3 1/4 | 850 | 680 | 1020 | 3 1/4 | 1 15/16 | 1 1/4 | 3 | PY0350120 | | |
| 3 1/4 | 4 1/4 | 1100 | 880 | 1320 | 4 1/4 | 1 15/16 | 1 | 3 3/4 | PY0370116 | | |
| 3 1/4 | 4 1/4 | 1100 | 880 | 1320 | 4 1/4 | 1 15/16 | 1 1/4 | 3 3/4 | PY0370120 | | |
| 3 1/4 | 4 1/4 | 1100 | 880 | 1320 | 4 1/2 | 1 15/16 | 3/4 | 3 3/4 | | PY0370912 | |
| 5 | 3 | 1500 | 1220 | 1750 | 3 1/4 | 1 15/16 | 1 | 9 | PY0550116 | | |
| 5 | 3 | 1500 | 1220 | 1750 | 3 1/4 | 1 15/16 | 1 1/4 | 9 | PY0550120 | | |
| 5 | 3 | 1500 | 1220 | 1750 | 3 1/2 | 1 15/16 | 3/4 | 8 1/2 | | PY0550912 | |
| 6 | 2 1/2 | 1600 | 1300 | 1900 | 2 3/4 | 1 3/16 | 3/4 | 6 3/4 | PY0640712 | | |
| 6 | 2 1/2 | 1600 | 1300 | 1900 | 2 3/4 | 1 15/16 | 1 | 11 | PY0640516 | | |
| 6 | 3 | 2200 | 1600 | 2350 | 3 1/4 | 1 15/16 | 1 | 13 3/4 | PY0650116 | | PY0652812~ |
| 6 | 3 | 2200 | 1600 | 2350 | 3 1/4 | 1 15/16 | 1 1/4 | 13 3/4 | PY0650120 | | |
| 6 | 3 | 2200 | 1600 | 2350 | 3 1/2 | 1 15/16 | 3/4 | 13 1/4 | | PY0650912 | |
| 6 | 3 | 2200 | 1600 | 2350 | 3 1/2 | 1 31/32 | 1 | 13 1/4 | | PY0650916 | |
| 8 | 2 1/2 | 2000 | 1600 | 2400 | 2 3/4 | 1 15/16 | 1 | 13 | PY0840516 | | |
| 8 | 2 1/2 | 2000 | 1600 | 2400 | 2 3/4 | 1-3/16 | 3/4 | 9 3/4 | PY0840712 | | |
| 8 | 3 | 2600 | 2000 | 3000 | 3 1/4 | 1 15/16 | 1 | 16 | PY0850116 | | |
| 8 | 3 | 2600 | 2000 | 3000 | 3 1/4 | 1 15/16 | 1 1/4 | 16 | PY0850120 | | PY0852812~^ |
| 8 | 3 | 2600 | 2000 | 3000 | 3 1/2 | 1 15/16 | 3/4 | 15 3/4 | | PY0850912 | |
| 8 | 3 | 2600 | 2000 | 3000 | 3 1/2 | 1 31/32 | 1 | 15 3/4 | | PY0850916 | |
| 8 | 3 | 2600 | 2000 | 3000 | 3 1/2 | 2 1/32 | 1 1/4 | 15 3/4 | | PY0850920 | |
| 8 | 3 | 2600 | 2000 | 3000 | 3 1/4 | 2 7/16 | 1 1/4 | 15 1/2 | PH0850120 | | |

PY/PH

PY/PH Continued



See previous page for PY/PH description and product details.



Depending on diameter and tread width, cores may be spoked, solid spoked or solid.

WHEEL OPTIONS

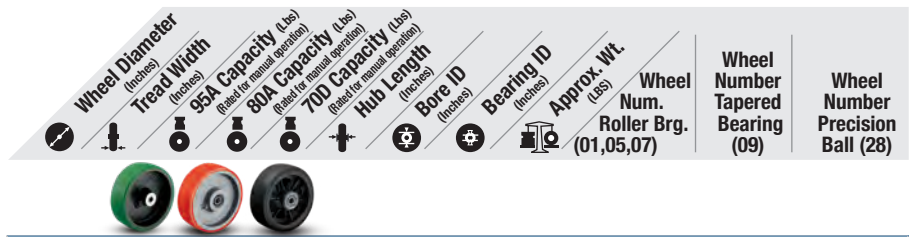
- **80 Shore A** durometer option available (20% capacity reduction) Red-orange tread on light grey core
- **70 Shore D** durometer option available (20% capacity increase) Black tread on black core
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory
- Tapered bearings or precision ball bearings are recommended for towing applications

Depending on size, cores may be spoked or solid.

70 Shore D Models
Capacity increases 20% for 70 Shore D durometer models (To order, add 70D to end of wheel number)



Ergonomic Option
80 Shore A Models
Capacity decreases 20% for 80 Shore A durometer models (To order, add 80A to end of wheel number)



Polyurethane on Cast Iron Core (PY, PH)

| Wheel Diameter (inches) | Tread Width (inches) | 95A Capacity (Lbs) (Rated for manual operation) | 80A Capacity (Lbs) (Rated for manual operation) | 70D Capacity (Lbs) (Rated for manual operation) | Hub Length (inches) | Bore ID (inches) | Bearing ID (inches) | Approx. Wt. (Lbs) | Wheel Num. Roller Brg. (01,05,07) | Wheel Number Tapered Bearing (09) | Wheel Number Precision Ball (28) |
|-------------------------|----------------------|---|---|---|---------------------|------------------|---------------------|-------------------|-----------------------------------|-----------------------------------|----------------------------------|
| 8 | 3 | 2600 | 2000 | 3000 | 3 1/4 | 27/16 | 1 1/2 | 15 1/2 | | | |
| 8 | 4 | 3800 | 3000 | 4300 | 4 1/4 | 27/16 | 1 1/2 | 23 3/4 | | | |
| 8 | 4 | 3800 | 3000 | 4300 | 4 1/4 | 27/16 | 1 1/2 | 23 3/4 | | | |
| 8 | 4 | 3800 | 3000 | 4300 | 4 1/2 | 27/16 | 1 | 22 1/2 | | PY0870916 | |
| 8 | 4 | 3800 | 3000 | 4300 | 4 1/2 | 27/16 | 1 1/4 | 22 1/2 | | PY0870920 | |
| 10 | 2 1/2 | 2300 | 1840 | 2760 | 2 3/4 | 11 5/16 | 1 | 17 1/2 | | PY1040516 | |
| 10 | 3 | 3100 | 2400 | 3600 | 3 1/4 | 11 5/16 | 1 | 20 1/2 | | PY1050116 | |
| 10 | 3 | 3100 | 2400 | 3600 | 3 1/4 | 11 5/16 | 1 1/4 | 20 1/2 | | PY1050120 | |
| 10 | 3 | 3100 | 2400 | 3600 | 3 1/2 | 11 5/16 | 3/4 | 20 | | | PY1050912 |
| 10 | 3 | 3100 | 2400 | 3600 | 3 1/2 | 13 1/32 | 1 | 20 | | | PY1050916 |
| 10 | 3 | 3100 | 2400 | 3600 | 3 1/2 | 21 1/32 | 1 1/4 | 20 | | | PY1050920 |
| 10 | 3 | 3100 | 2400 | 3600 | 3 1/4 | 27/16 | 1 1/4 | 19 3/4 | | PH1050120 | |
| 10 | 3 | 3100 | 2400 | 3600 | 3 1/4 | 27/16 | 1 1/2 | 19 3/4 | | PH1050124 | |
| 10 | 4 | 4200 | 3350 | 5000 | 4 1/4 | 27/16 | 1 1/4 | 30 1/4 | | PY1070120 | |
| 10 | 4 | 4200 | 3350 | 5000 | 4 1/4 | 27/16 | 1 1/2 | 30 1/4 | | PY1070124 | |
| 10 | 4 | 4200 | 3350 | 5000 | 4 1/2 | 27/16 | 1 | 29 | | | PY1070916 |
| 10 | 4 | 4200 | 3350 | 5000 | 4 1/2 | 27/16 | 1 1/4 | 29 | | | PY1070920 |
| 10 | 5 | 5000 | 4000 | 6000 | 5 1/4 | 27/16 | 1 1/4 | 41 1/4 | | PY1080120 | |
| 10 | 5 | 5000 | 4000 | 6000 | 5 1/4 | 27/16 | 1 1/2 | 41 1/4 | | PY1080124 | |
| 10 | 5 | 5000 | 4000 | 6000 | 5 1/2 | 27/16 | 1 | 39 1/4 | | | PY1080916 |
| 10 | 5 | 5000 | 4000 | 6000 | 5 1/2 | 27/16 | 1 1/4 | 39 1/4 | | | PY1080920 |
| 12 | 2 1/2 | 2700 | 2160 | 3240 | 2 3/4 | 11 5/16 | 1 | 22 | | PY1240516 | |
| 12 | 3 | 3600 | 2800 | 4200 | 3 1/4 | 11 5/16 | 1 | 28 1/4 | | PY1250116 | |
| 12 | 3 | 3600 | 2800 | 4200 | 3 1/4 | 11 5/16 | 1 1/4 | 28 1/4 | | PY1250120 | |
| 12 | 3 | 3600 | 2800 | 4200 | 3 1/2 | 11 5/16 | 3/4 | 28 | | | PY1250912 |
| 12 | 3 | 3600 | 2800 | 4200 | 3 1/2 | 13 1/32 | 1 | 28 | | | PY1250916 |
| 12 | 3 | 3600 | 2800 | 4200 | 3 1/2 | 21 1/32 | 1 1/4 | 28 | | | PY1250920 |
| 12 | 3 | 3600 | 2800 | 4200 | 3 1/4 | 27/16 | 1 1/4 | 27 1/2 | | PH1250120 | |
| 12 | 3 | 3600 | 2800 | 4200 | 3 1/4 | 27/16 | 1 1/2 | 27 1/2 | | PH1250124 | |
| 12 | 4 | 4800 | 3840 | 5760 | 4 1/4 | 27/16 | 1 1/4 | 36 3/4 | | PY1270120 | |
| 12 | 4 | 4800 | 3840 | 5760 | 4 1/4 | 27/16 | 1 1/2 | 36 3/4 | | PY1270124 | |
| 12 | 4 | 4800 | 3840 | 5760 | 4 1/2 | 27/16 | 1 | 35 1/2 | | | PY1270916 |
| 12 | 4 | 4800 | 3840 | 5760 | 4 1/2 | 27/16 | 1 1/4 | 35 1/2 | | | PY1270920 |
| 12 | 5 | 6000 | 4800 | 7200 | 5 1/4 | 27/16 | 1 1/4 | 48 | | PY1280120 | |
| 12 | 5 | 6000 | 4800 | 7200 | 5 1/4 | 27/16 | 1 1/2 | 48 | | PY1280124 | |

~ Pedestal Precision Ball (29) bearings also available. To order change "28" to "29". Example: PY0522908

^ Bearing ID is 3/4" for these models with Precision Ball bearings

PX Thick Tread Polyurethane on Cast Iron Core

 Premium Quality

 Towing[^]



Made in the USA

PX wheels are composed of a polyurethane elastomer, open cast on clean, precision tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Thickness:** 1" thick polyurethane tread
- **Wheel Face:** Available in flat or 3° crown
- **Hardness:** 95 Shore A
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F to +180°F

WHEEL OPTIONS

- **80 Shore A** durometer option available (20% capacity reduction). Provides more debris resistance. Red-orange on black core
- **70 Shore D** durometer option available (20% capacity increase). Black tread on black core.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory
- Tapered bearings are recommended for towing applications



70 Shore D Models

Capacity increases 20% for 70 Shore D durometer models (To order, add 70D to end of wheel number)



Ergonomic Option 80 Shore A Models

Capacity decreases 20% for 80 Shore A durometer models (To order, add 80A to end of wheel number)

| Thick Tread Polyurethane on Cast Iron Core (PX) | | | | | | | | | |
|---|----------------------|---|---------------------|------------------|---------------------|-------------------|--------------|---------------------|--|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number | Roller Bearing (01) | Wheel Number Tapered Roller Bearing (09) |
| 6 | 3 | 2450 | 3 1/4 | 1 15/16 | 1 | 13 3/4 | PX0650116 | | |
| 6 | 3 | 2450 | 3 1/4 | 1 15/16 | 1 1/4 | 13-3/4 | PX0650120 | | |
| 6 | 3 | 2450 | 3 1/2 | 1 15/16 | 3/4 | 13 1/4 | | PX0650912 | |
| 6 | 3 | 2450 | 3 1/2 | 1 31/32 | 1 | 13 1/4 | | PX0650916 | |
| 8 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 | 16 | PX0850116 | | |
| 8 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 1/4 | 16 | PX0850120 | | |
| 8 | 3 | 3500 | 3 1/2 | 1 15/16 | 3/4 | 15 3/4 | | PX0850912 | |
| 8 | 3 | 3500 | 3 1/2 | 1 31/32 | 1 | 15 3/4 | | PX0850916 | |
| 8 | 4 | 3850 | 4 1/4 | 2 7/16 | 1 1/4 | 23 3/4 | PX0870120 | | |
| 8 | 4 | 3850 | 4 1/4 | 2 7/16 | 1 1/2 | 23 3/4 | PX0870124 | | |
| 8 | 4 | 3850 | 4 1/2 | 2 7/16 | 1 | 22 1/2 | | PX0870916 | |
| 8 | 4 | 3850 | 4 1/2 | 2 7/16 | 1 1/4 | 22 1/2 | | PX0870920 | |
| 10 | 3 | 3700 | 3 1/4 | 1 15/16 | 1 | 20 1/2 | PX1050116 | | |
| 10 | 3 | 3700 | 3 1/4 | 1 15/16 | 1 1/4 | 20 1/2 | PX1050120 | | |
| 10 | 3 | 3700 | 3 1/2 | 1 15/16 | 3/4 | 20 | | PX1050912 | |
| 10 | 3 | 3700 | 3 1/2 | 1 31/32 | 1 | 20 | | PX1050916 | |
| 10 | 3 | 3700 | 3 1/2 | 2 11/32 | 1 1/4 | 20 | | PX1050920 | |
| 10 | 4 | 4620 | 4 1/4 | 2 7/16 | 1 1/4 | 31 1/4 | PX1070120 | | |
| 10 | 4 | 4620 | 4 1/4 | 2 7/16 | 1 1/2 | 30 1/4 | PX1070124 | | |
| 10 | 4 | 4620 | 4 1/2 | 2 7/16 | 1 | 29 | | PX1070916 | |
| 10 | 4 | 4620 | 4 1/2 | 2 7/16 | 1 1/4 | 29 | | PX1070920 | |
| 10 | 5 | 5500 | 5 1/4 | 2 7/16 | 1 1/4 | 41 1/4 | PX1080120 | | |
| 10 | 5 | 5500 | 5 1/4 | 2 7/16 | 1 1/2 | 41 1/4 | PX1080124 | | |
| 10 | 5 | 5500 | 5 1/2 | 2 7/16 | 1 | 39 1/4 | | PX1080916 | |
| 10 | 5 | 5500 | 5 1/2 | 2 7/16 | 1 1/4 | 39 1/4 | | PX1080920 | |
| 12 | 3 | 4100 | 3 1/4 | 1 15/16 | 1 | 28 1/4 | PX1250116 | | |
| 12 | 3 | 4100 | 3 1/4 | 1 15/16 | 1 1/4 | 28 1/4 | PX1250120 | | |
| 12 | 3 | 4100 | 3 1/2 | 1 15/16 | 3/4 | 28 | | PX1250912 | |
| 12 | 3 | 4100 | 3 1/2 | 1 31/32 | 1 | 28 | | PX1250916 | |
| 12 | 3 | 4100 | 3 1/2 | 2 11/32 | 1 1/4 | 28 | | PX1250920 | |
| 12 | 4 | 5280 | 4 1/4 | 2 7/16 | 1 1/4 | 36 3/4 | PX1270120 | | |
| 12 | 4 | 5280 | 4 1/4 | 2 7/16 | 1 1/2 | 36 3/4 | PX1270124 | | |
| 12 | 4 | 5280 | 4 1/2 | 2 7/16 | 1 | 35 1/2 | | PX1270916 | |
| 12 | 4 | 5280 | 4 1/2 | 2 7/16 | 1 1/4 | 35 1/2 | | PX1270920 | |
| 12 | 5 | 6600 | 5 1/4 | 2 7/16 | 1 1/4 | 48 | PX1280120 | | |
| 12 | 5 | 6600 | 5 1/4 | 2 7/16 | 1 1/2 | 48 | PX1280124 | | |
| 12 | 5 | 6600 | 5 1/2 | 2 7/16 | 1 | 47 | | PX1280916 | |
| 12 | 5 | 6600 | 5 1/2 | 2 7/16 | 1 1/4 | 47 | | PX1280920 | |
| 12 | 6 | 8250 | 6 1/2 | 2 11/32 | 1 1/4 | 25 3/4 | | PX1290920 | |
| 16 | 3 | 4680 | 4 1/4 | 2 7/16 | 1 1/4 | 51 | PX1650120 | | |
| 16 | 3 | 4680 | 4 1/4 | 2 7/16 | 1 1/2 | 51 | PX1650124 | | |
| 16 | 3 | 4680 | 4 1/2 | 2 7/16 | 1 | 49 3/4 | | PX1650916 | |
| 16 | 3 | 4680 | 4 1/2 | 2 7/16 | 1 1/4 | 49 3/4 | | PX1650920 | |
| 16 | 4 | 6570 | 4 1/4 | 2 7/16 | 1 1/4 | 65 | PX1670120 | | |
| 16 | 4 | 6570 | 4 1/4 | 2 7/16 | 1 1/2 | 65 | PX1670124 | | |
| 16 | 4 | 6570 | 4 1/2 | 2 7/16 | 1 1/4 | 63 | | PX1670920 | |
| 16 | 5 | 8470 | 5 1/4 | 2 7/16 | 1 1/4 | 85 | PX1680120 | | |
| 16 | 5 | 8470 | 5 1/4 | 2 7/16 | 1 1/2 | 85 | PX1680124 | | |
| 16 | 5 | 8470 | 5 1/2 | 2 7/16 | 1 1/4 | 85 | | PX1680920 | |

PF



Ergonomic



Maintenance Free



Premium Quality



Towing[^]

Polyurethane on Heavy Duty Cast Iron



Ergonomic polyurethane tread is firmly bonded to precision machined cast iron core and features precision ball bearings for smooth, reliability mobility in both hand operated or towed applications.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Radius tread
- **Finish:** Yellow on black core
- **Temperature Range:** -40°F to +180°F

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball Bearing (28) |
|--|----------------------|--|---------------------|------------------|---------------------|-------------------|---|
| Polyurethane on Heavy Duty Cast Iron (PF) | | | | | | | |
| 6 | 2 | 2000 | 27/16 | 47mm | 1/2 | 8 | PF0622808 |
| 6 | 3 | 3300 | 3 1/2 | 62mm | 3/4 | 15 | PF0652812 |
| 8 | 2 | 2200 | 27/16 | 47mm | 1/2 | 12 | PF0822808 |
| 8 | 3 | 4000 | 3 1/2 | 62mm | 3/4 | 19 | PF0852812 |
| 10 | 3 | 4200 | 3 1/2 | 62mm | 3/4 | 24 | PF1052812 |
| 12 | 3 | 4400 | 3 1/2 | 62mm | 3/4 | 33 | PF1252812 |

AZ



Premium Quality



Ergonomic



Maintenance Free

Polyurethane Reactive



This special polyurethane material is resistant to picking up metal chips. Wheels are quiet rolling and provide easy turning.

FEATURES

- **Wheel Face:** Round tread
- **Finish:** Maroon tread on cast iron black core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 90 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|--|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|
| Polyurethane Reactive on Cast Iron (PR) | | | | | | | |
| 6 | 3 | 1800 | 3 1/2 | 1 15/16 | 3/4 | 15 | AZ0652812 |
| 8 | 3 | 2000 | 3 1/2 | 1 15/16 | 3/4 | 17 | AZ0852812 |
| 10 | 3 | 2200 | 3 1/2 | 1 15/16 | 3/4 | 19 | AZ1052812 |
| 12 | 3 | 2400 | 3 1/2 | 1 15/16 | 3/4 | 28 | AZ1252812 |

[^]Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

PA/PD



Premium Quality

Polyurethane on Aluminum Core



Composed of a polyurethane elastomer, open cast on clean, close tolerance cores. Polyurethane tread is chemically bonded to aluminum core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels. PA wheels feature cast aluminum cores. PD wheels feature die cast aluminum cores.

FEATURES

- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** PA 95 Shore A
PD 60 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Polyurethane on Aluminum Core (PA, PD) | | | | | | | | | | Wheel Number Roller Bearing (01,09) | Wheel Precision Ball Bearing (28) |
|--|----------------------|--|---------------------|------------------|---------------------|-------------------|--|--|------------|-------------------------------------|-----------------------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | | | | | |
| 4 | 1 1/2 | 600 | 15/8 | 13/16 | 1/2 | 1 | | | PD0410108 | | |
| 4 | 1 1/2 | 600 | 15/8 | 13/16 | 5/8 | 1 | | | PD0410110 | | |
| 4 | 1 1/2^ | 600 | 15/8 | 13/16 | 3/4 | 1 | | | PD0410112~ | | |
| 4 | 2 | 700 | 23/16 | 13/16 | 1/2 | 1 1/2 | | | PD0420108 | | |
| 4 | 2 | 700 | 23/16 | 13/16 | 5/8 | 1 1/2 | | | PD0420110 | | |
| 4 | 2 | 700 | 23/16 | 13/16 | 3/4 | 1 1/2 | | | PD0420112~ | | |
| 4 | 3 1/4 | 1200 | 3 1/4 | 1 15/16 | 1 | 3 1/4 | | | PA0450116 | | |
| 4 | 3 1/4 | 1200 | 3 1/4 | 1 15/16 | 1 1/4 | 3 1/4 | | | PA0450120 | | |
| 4 | 4 1/4 | 1600 | 4 1/4 | 1 15/16 | 1 | 4 1/4 | | | PA0470116 | | |
| 4 | 4 1/4 | 1600 | 4 1/4 | 1 15/16 | 1 1/4 | 4 1/4 | | | PA0470120 | | |
| 5 | 1 1/2 | 720 | 15/8 | 13/16 | 1/2 | 1 1/2 | | | PD0510108 | | |
| 5 | 1 1/2 | 720 | 15/8 | 13/16 | 5/8 | 1 1/2 | | | PD0510110 | | |
| 5 | 1 1/2^ | 720 | 15/8 | 13/16 | 3/4 | 1 1/2 | | | PD0510112~ | | |
| 5 | 2 | 1050 | 23/16 | 13/16 | 1/2 | 13/4 | | | PD0520108 | | |
| 5 | 2 | 1050 | 23/16 | 13/16 | 5/8 | 13/4 | | | PD0520110 | | |
| 5 | 2 | 1050 | 23/16 | 13/16 | 3/4 | 13/4 | | | PD0520112 | | |
| 6 | 2 | 1230 | 23/16 | 13/16 | 1/2 | 2 1/4 | | | PD0620108 | | |
| 6 | 2 | 1230 | 23/16 | 13/16 | 5/8 | 2 1/4 | | | PD0620110 | | |
| 6 | 2 | 1230 | 23/16 | 13/16 | 3/4 | 2 1/4 | | | PD0620112~ | | |
| 8 | 2 | 1500 | 23/16 | 13/16 | 1/2 | 3 1/4 | | | PD0820108 | | |
| 8 | 2 | 1500 | 23/16 | 13/16 | 5/8 | 3 1/4 | | | PD0820110 | | |
| 8 | 2 | 1500 | 23/16 | 13/16 | 3/4 | 3 1/4 | | | PD0820112~ | | |
| 8 | 3 | 2520 | 3 1/4 | 1 15/16 | 1 | 8 | | | PD0850116 | | |
| 8 | 3 | 2520 | 3 1/4 | 1 15/16 | 1 1/4 | 8 | | | PD0850120 | | |
| 8 | 3 | 2520 | 3 1/2 | 2 | 3/4 | 8 | | | | PD0852812 | |
| 10 | 3 | 3000 | 3 1/4 | 1 15/16 | 1 | 9 | | | PD1050116 | | |
| 10 | 3 | 3000 | 3 1/4 | 1 15/16 | 1 1/4 | 9 | | | PD1050120 | | |
| 10 | 3 | 3000 | 3 1/4 | 1 15/16 | 3/4 | 9 | | | | PD1052812 | |
| 12 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 | 5 | | | PD1250116 | | |
| 12 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 1/4 | 5 | | | PD1250120 | | |
| 12 | 3 | 3500 | 3 1/4 | 1 15/16 | 3/4 | 5 | | | | PD1252812 | |
| 12 | 6 | 7500 | 6 1/2 | 2 11/32 | 1 1/4 | 25 3/4 | | | PA1290920* | | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 2 7/16" spanner and spacers included.

* Tread is 1" thick

OG

Premium Quality

Polyurethane Press-On Tires



Polyurethane tires reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater cushioning or speed is involved. These wheels are also the perfect replacement wheel for many forklift brands.

FEATURES

- **Load Capacity:** 1.54 times greater than rubber
- Chunk and cut resistance
- Abrasion resistance
- Energy conservative design
- **Wheel Face:** as specified
- **Finish:** Green polyurethane on steel band
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory



- Heavy Duty
- High Wear Resistance

Consult factory for additional options

| OD x Width x ID (Inches) | Tire Number | Tread Style | Capacity (6 mph) (lbs) | Capacity (10 mph) (lbs) | Approx. Wt. (lbs) |
|---|--------------------|-------------|---------------------------|----------------------------|----------------------|
| Polyurethane Press-On Tires (OG) | | | | | |
| 12 x 4 x 8 | OG1270032 | Flat | 2840 | 2510 | 13 |
| 12 x 4 x 8 | OG127003201 | Crown | 2840 | 2510 | 13 |
| 15 x 5 x 11 ¹ / ₄ | OG1580045 | Flat | 4390 | 3880 | 33 |
| 15 x 5 x 11 ¹ / ₄ | OG158004501 | Crown | 4390 | 3880 | 33 |
| 15 x 5 x 11 ¹ / ₄ | OG158004502 | Groove | 4390 | 3880 | 33 |
| 15 x 6 x 11 ¹ / ₄ | OG1590045 | Flat | 5440 | 4800 | 40 |
| 15 x 6 x 11 ¹ / ₄ | OG159004501 | Crown | 5440 | 4800 | 40 |
| 15 x 6 x 11 ¹ / ₄ | OG159004502 | Groove | 5440 | 4800 | 40 |
| 15 x 7 x 11 ¹ / ₄ | OG159004503 | Flat | 6480 | 5730 | 47 |
| 15 x 7 x 11 ¹ / ₄ | OG159004504 | Groove | 6480 | 5730 | 47 |
| 15 x 8 x 11 ¹ / ₄ | OG159004505 | Flat | 7530 | 6650 | 53 |
| 15 x 8 x 11 ¹ / ₄ | OG159004506 | Groove | 7530 | 6650 | 53 |
| 15 x 9 x 11 ¹ / ₄ | OG159004507 | Flat | 8700 | 7700 | 60 |
| 15 x 9 x 11 ¹ / ₄ | OG159004508 | Groove | 8700 | 7700 | 60 |
| 16-1/4 x 6 x 11 ¹ / ₄ | OG1690045 | Flat | 6050 | 5360 | 48 |
| 16-1/4 x 6 x 11 ¹ / ₄ | OG169004501 | Crown | 6050 | 5360 | 48 |
| 16-1/4 x 6 x 11 ¹ / ₄ | OG169004502 | Groove | 6050 | 5360 | 48 |
| 16-1/4 x 7 x 11 ¹ / ₄ | OG169004503 | Flat | 7300 | 6450 | 56 |
| 16-1/4 x 7 x 11 ¹ / ₄ | OG169004504 | Groove | 7300 | 6450 | 56 |
| 18 x 5 x 12 ¹ / ₈ | OG1880049 | Flat | 5170 | 4590 | 43 |
| 18 x 5 x 12 ¹ / ₈ | OG188004901 | Crown | 5170 | 4590 | 43 |
| 18 x 6 x 12 ¹ / ₈ | OG1890049 | Flat | 6610 | 5850 | 52 |
| 18 x 6 x 12 ¹ / ₈ | OG189004901 | Crown | 6610 | 5850 | 52 |
| 18 x 7 x 12 ¹ / ₈ | OG189004902 | Flat | 8040 | 7110 | 63 |
| 18 x 7 x 12 ¹ / ₈ | OG189004903 | Groove | 8040 | 7110 | 63 |
| 18 x 8 x 12 ¹ / ₈ | OG189004904 | Flat | 9470 | 8380 | 71 |
| 18 x 8 x 12 ¹ / ₈ | OG189004905 | Groove | 9470 | 8380 | 71 |
| 18 x 9 x 12 ¹ / ₈ | OG189004906 | Flat | 10900 | 9660 | 82 |
| 18 x 9 x 12 ¹ / ₈ | OG189004907 | Groove | 10900 | 9660 | 82 |

OG

 Premium Quality

Press-On Mini Polyurethane



Polyurethane tires will reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater cushioning or speed is involved.

FEATURES

- **Wheel Face:** Flat
- **Finish:** Green tread on grey hub
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Tire ID, Core OD (Inches) | Capacity (Lbs.) (Rate for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (LBS) | Wheel Number Roller Bearing (01) | Wheel Number Over Spacers (09) |
|--|-------------------------|------------------------------|--|------------------------|---------------------|------------------------|----------------------|--|--------------------------------------|
| Press-on Mini Polyurethane (OG) | | | | | | | | | |
| 5 | 4 | 3 | 2240 | 4 1/4 | 1 15/16 | 1 1/4 | 10 | OG057012001 | |
| 5 | 4 | 3 | 2240 | 4 1/2 | 2 | 1 | 10 | | OG057091601 |
| 5 | 5 | 3 | 2800 | 5 1/4 | 1 15/16 | 1 1/4 | 13 | OG058012001 | |
| 5 | 5 | 3 | 2800 | 5 1/2 | 2 | 1 | 13 | | OG058091601 |
| 6 | 4 | 4 | 2990 | 4 1/4 | 1 15/16 | 1 1/4 | 18 1/2 | OG067012001 | |
| 6 | 4 | 4 | 2990 | 4 1/2 | 2 | 1 | 18 1/2 | | OG067091601 |
| 6 | 5 | 4 | 3700 | 4 1/4 | 1 15/16 | 1 1/4 | 20 | OG068012001 | |
| 6 | 6 | 4 | 4400 | 6 1/2 | 2 | 1 | 23 | | OG069091601 |
| 8 | 4 | 6 | 3670 | 4 1/2 | 2 | 1 | 20 | | OG087091601 |
| 10 | 4 | 8 | 4000 | 4 1/2 | 2 7/16 | 1 | 31 | | OG107091601 |
| 10 | 6 | 8 | 6000 | 6 1/2 | 2 7/16 | 1 1/4 | 64 | | OG109092001 |
| 10 1/2 | 4 | 8 | 4400 | 4 1/2 | 2 7/16 | 1 | 32 1/2 | | OG107091602 |
| 10 1/2 | 6 | 8 | 6600 | 6 1/2 | 2 7/16 | 1 1/4 | 66 | | OG109092002 |

CG-MAX EFFICIENCY WHEEL™



- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

PM

 Premium Quality

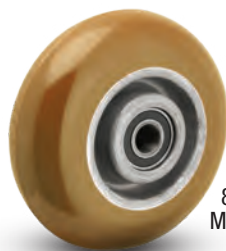
 Ergonomic

 Maintenance Free

Round Tread Polyurethane on Aluminum Core



95 Shore A Models



80 Shore A Models

Composed of a polyurethane elastomer, open cast on clean, close tolerance cores. Wheels feature a chemical and mechanical lock of tread to the core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Wheel face:** Round tread
- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A (green) or 80 Shore A (butterscotch)
- Wheels are complete with top hat and spacers

WHEEL OPTIONS

- Available in **80 Shore A** consult factory.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory



Tread is mechanically and chemically bonded through a patented process to a lightweight durable aluminum core

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|---|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|
| Round Tread Polyurethane on Aluminum Core (PM 95A) | | | | | | | |
| 5 | 2 | 1000 | 27/16 | 19/16 | 1/2 | 2 | PM0522808 |
| 6 | 2 | 1250 | 27/16 | 19/16 | 1/2 | 3 | PM0622808 |
| 8 | 2 | 1500 | 27/16 | 19/16 | 1/2 | 4 | PM0822808 |

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Plain Bearing (00) |
|---|----------------------|--|---------------------|------------------|---------------------|-------------------|------------------------------------|
| Round Tread Polyurethane on Aluminum Core (PM 80A) | | | | | | | |
| 5 | 2 | 1000 | 27/16 | 19/16 | 1/2 | 2 | PM052280880A |
| 6 | 2 | 1250 | 27/16 | 19/16 | 1/2 | 3 | PM062280880A |
| 8 | 2 | 1500 | 27/16 | 19/16 | 1/2 | 4 | PM082280880A |

PE

 Economical

Economical Polyurethane on Cast Iron



PE wheels are composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Green tread on silver painted core
- **Temperature Range:** -40 °F to +180°F

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Plain Bearing (00) |
|---------------------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|------------------------------------|
| Polyurethane on Cast Iron (PI) | | | | | | | | |
| 6 | 3 | 2000 | 3 1/4 | 1 15/16 | 1 | 10 | PE0650116 | PE0650031 |
| 8 | 3 | 2500 | 3 1/4 | 1 15/16 | 1 | 15 | PE0850116 | PE0850031 |
| 10 | 3 | 3000 | 3 1/4 | 1 15/16 | 1 | 21 | PE1050116 | PE1050031 |
| 12 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 | 29 | PE1250116 | PE1250031 |

EY/EZ



Ergonomic



Maintenance Free

Aubin Industries Swivel-EAZ® Crown/Flat Tread

Made in the USA



Dual wheels give the Swivel-EAZ® extremely high rollability and durability. Capacities range from 500 lbs to 4800 lbs depending on wheel size and durometer. Also available in 70A, 80A, 60D, and 75D. Made in the USA.



EY
Crowned
Tread



EZ
Flat
Tread

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-------------------------------------|
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-------------------------------------|

Swivel-EAZ Crowned Tread (EY)

| | | | | | | | |
|----|---|------|-------|-----|-----|----|-----------|
| 4 | 2 | 675 | 2 1/2 | N/A | 1/2 | 3 | EY0422808 |
| 5 | 2 | 900 | 2 1/2 | N/A | 1/2 | 3 | EY0522808 |
| 6 | 2 | 1425 | 2 1/2 | N/A | 1/2 | 5 | EY0622808 |
| 6 | 3 | 2137 | 3 1/2 | N/A | 3/4 | 5 | EY0652812 |
| 8 | 2 | 2400 | 2 1/2 | N/A | 1/2 | 6 | EY0822808 |
| 8 | 3 | 3250 | 3 1/2 | N/A | 3/4 | 6 | EY0852812 |
| 10 | 3 | 3800 | 3 1/2 | N/A | 3/4 | 13 | EY1052812 |
| 12 | 3 | 3800 | 3 1/2 | N/A | 3/4 | 16 | EY1252812 |

Swivel-EAZ Flat Tread (EZ)

| | | | | | | | |
|----|---|------|-------|-----|-----|----|-----------|
| 4 | 2 | 900 | 2 1/2 | N/A | 1/2 | 3 | EZ0422808 |
| 5 | 2 | 1400 | 2 1/2 | N/A | 1/2 | 3 | EZ0522808 |
| 6 | 2 | 1900 | 2 1/2 | N/A | 1/2 | 5 | EZ0622808 |
| 6 | 3 | 2850 | 3 1/2 | N/A | 3/4 | 5 | EZ0652812 |
| 8 | 2 | 3000 | 2 1/2 | N/A | 1/2 | 6 | EZ0822808 |
| 8 | 3 | 4000 | 3 1/2 | N/A | 3/4 | 6 | EZ0852812 |
| 10 | 3 | 4800 | 3 1/2 | N/A | 3/4 | 13 | EZ1052812 |
| 12 | 3 | 4800 | 3 1/2 | N/A | 3/4 | 16 | EZ1252812 |

3" wide wheels have 3 wheels instead of 2.

95A durometer is standard; for optional durometers please consult factory.

FEATURES

- **Wheel face:** Dual wheel crowned tread (EY) or flat tread (EZ)
- **Finish:** Standard Blue on aluminum
- **Temperature Range:** -40°F to +180°F
- **Hardness:** Standard blue 95 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For other available durometers please consult factory

About Swivel-EAZ®

Swivel-EAZ® By Aubin Industries is a revolutionary rolling system. Available in more than 350 patented sizes and configurations with more being added regularly. The Swivel-EAZ is the "New Standard for Logistics" in the Material Handling Industry.

Durometer Options



70A (Black)



80A (Red)



95A (Blue)



60D (Gray)



75D (Black)

Wheel capacities are lower for 70A and 80A. Consult factory.

Wheel capacities are higher for 60D and 75D. Consult factory.



Polyurethane on Cast Iron



PI wheels are composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Red tread on silver painted core
- **Temperature Range:** -40 °F to +180°F

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Pedestal Precision Ball (29) |
|---------------------------------------|----------------------|--|--------------------------------|--------------------------------|---------------------|-------------------------------|-------------------------------------|------------------------------|
| Polyurethane on Cast Iron (PI) | | | | | | | | |
| 4 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | IP0420119 | IP0422908 |
| 5 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₂ | IP0520119 | IP0522908 |
| 6 | 2 | 1100 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ³ / ₄ | IP0620119 | IP0622908 |
| 8 | 2 | 1200 | 2 ³ / ₁₆ | 3/16 | 3/4 | 4 | IP0820119 | IP0822908 |

SE

 Premium Quality

Endura Solid Elastomer



Ergonomic



Maintenance Free



Designed specifically for high-capacity manual applications involving chemicals, solvents or water. Low rolling resistance provides the ergonomic qualities you demand. One-piece construction affords freedom from tread separation with an exceptionally long life. Non-marking, floor protective tread.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Grey
- **Temperature Range:** up to +230°F
- **Hardness:** 63(±5) Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Ergonomic Wheel Number Precision Ball (28) |
|--|----------------------|--|--------------------------------|------------------|---------------------|--------------------------------|---|
| Solid Elastomer Polyurethane (SE) | | | | | | | |
| 4 | 2 | 1000 | 2 ⁷ / ₁₆ | — | 1/2 | 1 ³ / ₈ | 5.000048P5 EN |
| 5 | 2 | 1000 | 2 ⁷ / ₁₆ | — | 1/2 | 1 ³ / ₄ | 5.000058P5 EN |
| 6 | 2 | 1100 | 2 ⁷ / ₁₆ | — | 1/2 | 2 | 5.000068P5 EN |
| 8 | 2 | 1200 | 2 ⁷ / ₁₆ | — | 1/2 | 2 ⁷ / ₁₆ | 5.000088P5 EN |

XA



Hi-Tech Anti-Microbial Polyurethane on Polypropylene Core



Industrial strength polyurethane tread is insert molded to a interlocking "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. The grey tread features anti-microbial material. This

wheel has excellent properties where washdown of material handling equipment is required. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is grey on grey core.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 55(±5) Shore D

WHEEL OPTIONS

- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller (01) | Pedestal Precision Ball (29) | Wheel Number Delrin (51) |
|---|----------------------|---|---------------------|------------------|---------------------|-------------------|--------------------------|------------------------------|--------------------------|
| Polyurethane Anti-Microbial on Polypropylene Core (XA) | | | | | | | | | |
| 4 | 2 | 720 | 23/16 | 13/16 | 3/4 | 1/2 | XA0420112~ | XA0422912 | XA0425112 |
| 5 | 2 | 900 | 23/16 | 13/16 | 3/4 | 13/4 | XA0520112~ | XA0522912 | XA0525112 |
| 6 | 2 | 1100 | 23/16 | 13/16 | 3/4 | 2 1/2 | XA0620112~ | XA0622912 | XA0625112 |
| 8 | 2 | 1200 | 23/16 | 13/16 | 3/4 | 2 3/4 | XA0820112~ | XA0822912 | XA0825112 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | |
|--|----------------------|---|---------------------|------------------|---------------------|-------------------|--------------|
| Polyurethane Anti-Microbial on Polypropylene Core Less Bearings | | | | | | | |
| 4 | 2 | 720 | 23/16 | 13/16 | - | 1/2 | 5.00004.926G |
| 5 | 2 | 900 | 23/16 | 13/16 | - | 13/4 | 5.00005.926G |
| 6 | 2 | 1100 | 23/16 | 13/16 | - | 2 1/2 | 5.00006.926G |
| 8 | 2 | 1200 | 23/16 | 13/16 | - | 2 3/4 | 5.00008.926G |

XM



Hi-Tech Polyurethane on Polypropylene Core (Maroon)



Industrial strength polyurethane tread is insert molded to a interlocking "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. This wheel has excellent properties where washdown of material handling

equipment is required. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is grey on grey core.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 55(±5) Shore D

WHEEL OPTIONS

- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller (01) | Pedestal Precision Ball (29) | Wheel Number Delrin (51) |
|---|----------------------|---|---------------------|------------------|---------------------|-------------------|--------------------------|------------------------------|--------------------------|
| Polyurethane Maroon on Polypropylene Core (XA) | | | | | | | | | |
| 4 | 2 | 720 | 23/16 | 13/16 | 3/4 | 1/2 | XM0420112~ | XM0422912 | XM0425112 |
| 5 | 2 | 900 | 23/16 | 13/16 | 3/4 | 13/4 | XM0520112~ | XM0522912 | XM0525112 |
| 6 | 2 | 1100 | 23/16 | 13/16 | 3/4 | 2 1/2 | XM0620112~ | XM0622912 | XM0625112 |
| 8 | 2 | 1200 | 23/16 | 13/16 | 3/4 | 2 3/4 | XM0820112~ | XM0822912 | XM0825112 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | |
|--|----------------------|---|---------------------|------------------|---------------------|-------------------|-------------|
| Polyurethane Maroon on Polypropylene Core Less Bearings | | | | | | | |
| 4 | 2 | 720 | 23/16 | 13/16 | - | 1/2 | 5.00004.926 |
| 5 | 2 | 900 | 23/16 | 13/16 | - | 13/4 | 5.00005.926 |
| 6 | 2 | 1100 | 23/16 | 13/16 | - | 2 1/2 | 5.00006.926 |
| 8 | 2 | 1200 | 23/16 | 13/16 | - | 2 3/4 | 5.00008.926 |



K Wheel Solid Polyurethane



The K Wheel is molded from a high strength urethane compound which possesses the load characteristics of steel but gives the smooth effortless ride you expect from polyurethane. Solid wheel has no plastic or metal core thereby eliminating any possibility of tread separation. It is not affected by blood, brine, greases, oils, or most harsh chemicals. It's steam cleanable.

FEATURES

- **Wheel face:** Round tread
- **Finish:** Solid blue Urethane
- **Temperature Range:** -50°F to +180°F
- **Hardness:** 55 Shore D
- Wheels are complete with top hat and spacers

WHEEL OPTIONS

- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Drawn Cup Roller (02) | Pedestal Precision Ball (29) | Wheel Number Delrin (51) |
|---|----------------------|---|---------------------|------------------|---------------------|-------------------|--|------------------------------------|--------------------------------|
| K-Wheel Solid Polyurethane on Aluminum Core (KW) | | | | | | | | | |
| 4 | 2 | 700 | 23/16 | 13/16 | 1/2 | | KW0420208 | KW0422908 | KW0425108 |
| 5 | 2 | 1000 | 23/16 | 13/16 | 1/2 | | KW0520208 | KW0522908 | KW0525108 |
| 6 | 2 | 1200 | 23/16 | 13/16 | 1/2 | | KW0620208 | KW0622908 | KW0625108 |
| 8 | 2 | 1500 | 23/16 | 13/16 | 1/2 | | KW0820208 | KW0822908 | KW0825108 |

K-Wheel Features:

- Smooth ride
- No tread separation
- Steam cleanable
- Floor protective

XV

Polyurethane V-Groove



Wheel face and "V"-groove are machined from heavy duty polyurethane. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but flat surfaces as well.

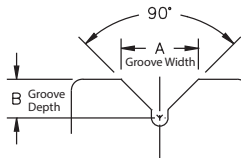
FEATURES

- **Wheel Face:** V-groove
- **Finish:** Green
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 60 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (02) |
|-----------------------------------|----------------------|---|---------------------|------------------|---------------------|---------------------------|---------------------------|-------------------|--|
| Polyurethane V-Groove (XV) | | | | | | | | | |
| 4 | 2 | 300 | 23/16 | 13/16 | 3/4 | 7/8 | 7/16 | 1 | XV0420212 |
| 5 | 2 | 300 | 23/16 | 13/16 | 3/4 | 7/8 | 7/16 | 1 1/2 | XV0520212 |
| 6 | 2 | 300 | 23/16 | 13/16 | 3/4 | 7/8 | 7/16 | 1 3/4 | XV0620212 |
| 8 | 2 | 300 | 23/16 | 13/16 | 3/4 | 7/8 | 7/16 | 2 3/4 | XV0820212 |



Letters match to chart descriptions

Please note: Track alignment is critical when utilizing v-groove wheels.

[^]Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

NYLON TREAD WHEELS



Trionix™ High Impact Polymer (NX)
Page 129



Trionix™ High Impact Polymer (NX)
Page 129



Glass Filled Nylon (DT)
Page 130



Glass Filled Nylon High Temperature (HT)
Page 130



Maxim® Glass-filled Nylon (NG)
page 131



White Nylon (NW)
Page 131

NX



Premium Quality



Maintenance Free



Ergonomic

Trionix™ High Impact Polymer



These unique high impact polymer wheels deliver superior rollability, capacity and slide resistance. Trionix™ features unique polymers that resist corrosion and most chemicals. Wheels are machined and straight sided.

FEATURES

- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -30°F to +220°F
- **Hardness:** 78-82 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|---|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|
| Trionix High Impact Polymer (NX) | | | | | | | |
| 4 | 2 | 2160 | 27/16 | 2 | 1/2 | 4 | NX0422808 |
| 5 | 2 | 2160 | 27/16 | 2 | 1/2 | 5 | NX0522808 |
| 6 | 2 | 2160 | 27/16 | 2 | 1/2 | 6 | NX0622808 |
| 6 | 3 | 7200 | 3 1/2 | 2 | 3/4 | 6 1/2 | NX0652812 |
| 8 | 2 | 2160 | 27/16 | 2 | 1/2 | 8 | NX0822808 |
| 8 | 3 | 7200 | 3 1/2 | 2 | 3/4 | 9 | NX0852812 |
| 10 | 3 | 7200 | 3 1/2 | 2 | 3/4 | 10 | NX1052812 |
| 12 | 3 | 7200 | 3 1/2 | 2 | 3/4 | 12 | NX1252812 |

NV



Premium Quality



Maintenance Free

Trionix™ High Impact Polymer V-Groove



Like the NX wheels, these unique high impact polymer wheels deliver superior rollability, capacity and slide resistance. Trionix™ features unique polymers that resist corrosion and most chemicals. Wheels are machined with V-groove.

FEATURES

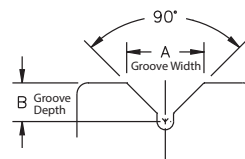
- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -30°F to +220°F
- **Hardness:** 78-82 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Wheel Number Precision Ball (28) |
|--|----------------------|--|---------------------|------------------|---------------------------|---------------------------|-------------------------------------|
| Trionix V-Groove High Impact Polymer (NV) | | | | | | | |
| 4 | 2 | 2160 | 27/16 | 1/2 | 7/8 | 7/16 | NV0422808 |
| 5 | 2 | 2160 | 27/16 | 1/2 | 7/8 | 7/16 | NV0522808 |
| 6 | 2 | 2160 | 27/16 | 1/2 | 7/8 | 7/16 | NV0622808 |
| 8 | 2 | 2160 | 27/16 | 1/2 | 7/8 | 7/16 | NV0822808 |

*Spanner held in place with snap rings to prevent loss of top hat.



Letters match to chart descriptions

DT

 Premium Quality

 Heat Resistant

Heavy Duty Glass Filled Nylon



Need tough, heat resistant wheels? Albion offers DT and HT high temperature wheels. These wheels are ideal for food processing, tool storage, sanitary maintenance, and applications requiring easy mobility under heavy loads. DT and HT are extremely resistant to water, chemical absorption, steam cleaning, and HEAT!

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Dark Grey
- **Material:** Heavy duty version of the RT wheels with regards to impact and load capacity and are made from a glass filled nylon with impact modifiers and temperature stabilization formulation
- **Temperature Range:** -20°F to +350°F
- **Hardness:** 5-80 Shore D

WHEEL OPTIONS DT and HT

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.
- For stainless steel roller bearing specify **ZB03**.

| Wheel Diameter (Inches) | | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Wheel Number Roller Bearing (01) | Wheel Number Pedestal Precision Ball Bearing (28) | Wheel Number Pedestal Precision Ball Bearing (29) |
|---|---|----------------------|--|--------------------------------|------------------|---------------------|-------------------------------------|--|--|
| Heavy Duty Glass Filled Nylon (DT) | | | | | | | | | |
| 4 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | DT0420112 | | | |
| 4 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | | DT0422808 | DT0422908 | |
| 5 | 2 | 1200 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | DT0520112 | | | |
| 5 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | | DT0522808 | DT0522908 | |
| 6 | 2 | 1400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | DT0620112 | | | |
| 6 | 2 | 1200 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | | DT0622808 | DT0622908 | |
| 8 | 2 | 1600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | DT0820112 | | | |
| 8 | 2 | 1400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | | DT0822808 | DT0822908 | |

HT

 Premium Quality

 Heat Resistant

High Heat Glass Filled Nylon



| Wheel Diameter (Inches) | | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Wheel Number Roller Bearing (01) | Wheel Number Pedestal Precision Ball Bearing (28) | Wheel Number Delrin Bearing (51) |
|--|---|----------------------|--|--------------------------------|------------------|---------------------|-------------------------------------|--|-------------------------------------|
| High Heat Glass Filled Nylon (HT) | | | | | | | | | |
| 4 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | HT0420112 | HT0422808 | HT0425112 | |
| 5 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | HT0520112 | HT0522808 | HT0525112 | |
| 6 | 2 | 1200 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | HT0620112 | HT0622808 | HT0625112 | |
| 8 | 2 | 1400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | HT0820112 | HT0822808 | HT0825112 | |

High temp Delrin bearing available, consult factory.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Material:** Glass filled nylon designed for higher temperature applications
- **Temperature Range:** -20°F to +480°F
- **Hardness:** DT: 75-80 Shore D

NG Economical Maxim® Glass Filled Nylon



Albion's Maxim® wheel delivers maximum performance and an economical solution for your most demanding caster applications. With a focus on ergonomics, this advanced wheel starts rolling, keeps rolling and swivels with ease! The innovative nylon and fiberglass construction stands up to solvents, extreme temperatures and high load capacities. Maxim wheels won't absorb moisture!

FEATURES

- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -40° to +250°F
- **Hardness:** 85 Shore D ±5

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01,07) | Wheel Number Pedestal Precision Ball (29)* |
|--------------------------------------|----------------------|--|--------------------------------|--------------------------------|---------------------|-------------------------------|---|---|
| Maxim Glass-Filled Nylon (NG) | | | | | | | | |
| 3-1/4 | 2 | 700 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | NG0320112 | |
| 3-1/4 | 2 | 700 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 | | NG0322908 |
| 4 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | NG0420112 | |
| 4 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 | | NG0422908 |
| 5 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | NG0520112 | |
| 5 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 | | NG0522908 |
| 6 | 2 | 1200 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₈ | NG0620112 | |
| 6 | 2 | 1200 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 ¹ / ₈ | | NG0622908 |
| 8 | 2 | 1400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ³ / ₈ | NG0820112 | |
| 8 | 2 | 1400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 ³ / ₈ | | NG0822908 |

* Hub length of pedestal precision bearing (29) models is 2⁷/₁₆".

NW Premium Quality Economical White Nylon



Economical, Strong, Clean.
Excellent for clean rooms!

FEATURES

- **Wheel face:** Moderate crown
- Composed of injection molded white nylon
- Maximum performance, economical solution for your most demanding caster applications
- Excellent ergonomics ... wheel starts rolling, keeps rolling and swivels with ease
- **Temperature Range:** -20°F to 250°F
- **Hardness:** 85 Shore D ±5

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Weight (Lbs) | Bearing | Wheel Number |
|-------------------------|----------------------|--|--------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------|--------------|
| White Nylon (NW) | | | | | | | | |
| 5 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1 ³ / ₁₆ | 1 | Plain Bore | NW0520019 |
| 5 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | Roller | NW0520112 |
| 5 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 | Pedestal Precision Ball | NW0522908 |
| 5 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | Delrin | NW0525112 |
| 6 | 2 | 900 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1 ³ / ₁₆ | 1 ¹ / ₄ | Plain Bore | NW0620019 |
| 6 | 2 | 900 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₄ | Roller | NW0620112 |
| 6 | 2 | 900 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 ¹ / ₄ | Pedestal Precision Ball | NW0622908 |
| 6 | 2 | 900 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₄ | Delrin | NW0625112 |
| 8 | 2 | 1100 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1 ³ / ₁₆ | 2 | Plain Bore | NW0820019 |
| 8 | 2 | 1100 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 2 | Roller Bearing | NW0820112 |
| 8 | 2 | 1100 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 2 | Pedestal Precision Ball | NW0822908 |
| 8 | 2 | 1100 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 2 | Delrin | NW0825112 |

POLYPROPYLENE WHEELS



Glass Filled Polypropylene (RT)
Page.133



RETORT Polypropylene (RW)
Page.133



Polypropylene (PB)
Page.134



White Polypropylene (PW)
Page.134

RT Glass Filled Polypropylene



These economical wheels are ideal for food processing, tool storage, sanitary maintenance, and applications requiring easy mobility under heavy loads. Extremely resistant to water, chemical absorption, steam cleaning, and HEAT!

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Wheel Number Roller Bearing (01) | Wheel Number Pedestal Precision Ball Bearing (29) |
|--|----------------------|---|---------------------|------------------|---------------------|-------------------------------------|--|
| Glass Filled Polypropylene (RT) | | | | | | | |
| 4 | 2 | 800 | 23/16 | 13/16 | 3/4 | RT0420112 | |
| 4 | 2 | 800 | 23/16 | 13/16 | 1/2 | | RT0422908 |
| 5 | 2 | 1000 | 23/16 | 13/16 | 3/4 | RT0520112 | |
| 5 | 2 | 1000 | 23/16 | 13/16 | 1/2 | | RT0522908 |
| 6 | 2 | 1200 | 23/16 | 13/16 | 3/4 | RT0620112 | |
| 6 | 2 | 1200 | 23/16 | 13/16 | 1/2 | | RT0622908 |
| 8 | 2 | 1400 | 23/16 | 13/16 | 3/4 | RT0820112~ | |
| 8 | 2 | 1400 | 23/16 | 13/16 | 3/4 | | RT0822908 |

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Material:** Glass filled polypropylene
- **Temperature Range:** -20°F to +250°F
- **Hardness:** 65-70 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

RW RETORT Polypropylene



Heat Resistant



Designed to withstand the rigors of high temperature, RW wheels are perfect for cooker racks and retort carts. The oversized bore ID ensures smooth movement, even if wheels experience heat expansion.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Delrin Bearing (51) |
|----------------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-------------------------------------|-------------------------------------|
| RETORT Polypropylene (RW) | | | | | | | | |
| 4 | 1 1/2^A | 375 | 15/8 | 13/16 | 3/4 | 1 | RW0410112 | RW0415112 |
| 4 | 2 | 500 | 23/16 | 13/16 | 3/4 | 1 | RW0420112 | RW0425112 |
| 5 | 1 1/2^A | 540 | 15/8 | 13/16 | 3/4 | 1 | RW0510112 | RW0515112 |
| 5 | 2 | 650 | 23/16 | 13/16 | 3/4 | 1/2 | RW0520112 | RW0525112 |
| 6 | 1 1/2^A | 600 | 15/8 | 13/16 | 3/4 | 1/2 | RW0610112 | RW0615112 |
| 6 | 2 | 700 | 23/16 | 13/16 | 3/4 | 2 | RW0620112 | RW0625112 |
| 8 | 1 1/2^A | 750 | 15/8 | 13/16 | 3/4 | 2 | RW0810112 | RW0815112 |
| 8 | 2 | 900 | 23/16 | 13/16 | 3/4 | 2 1/2 | RW0820112 | RW0825112 |

^ 27/16" spacer and spacers included.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** White
- **Temperature Range:** -20°F degrees up to +290°F
- **Hardness:** 75 Shore D
- Same options as PB

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

PB Polypropylene



This wheel is an injection molded blend of thermo-plastic polymers which resist absorption and are resistant to most chemicals and solvents. Capacity ratings are comparable to hard rubber wheels with the added advantage of being lighter in weight and having greater impact resistance.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20°F to +180°F
- **Hardness:** 65 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rating for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) |
|---------------------------|----------------------|--|--------------------------------|--------------------------------|---------------------|-------------------------------|----------------------------------|
| Polypropylene (PB) | | | | | | | |
| 4 | 2 | 450 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | PB0420112~ |
| 5 | 2 | 650 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₄ | PB0520112~ |
| 6 | 2 | 750 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₂ | PB0620112~ |
| 8 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ³ / ₄ | PB0820112~ |

~ Wheels are complete with spanner bushing & nylon retaining thrust washers.
 ^ 2⁷/₁₆" spanner and spacers included.

PW White Polypropylene



This white colored polypropylene wheel is an injection molded blend of thermoplastic polymers which resist absorption and are resistant to most chemicals and solvents. Capacity ratings are comparable to hard rubber wheels with the added advantage of being lighter in weight and having greater impact resistance.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20°F to +180°F
- **Hardness:** 65 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rating for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Plain Bore (41) | Wheel Number Delrin (51)* |
|---------------------------------|-------------------------------|--|--------------------------------|------------------|---------------------|-------------------|------------------------------|---------------------------|
| White Polypropylene (PW) | | | | | | | | |
| 4 | 1 ¹ / ₂ | 400 | 1 ⁵ / ₈ | 3/4 | 3/4 | 1/2 | PW0414112 | |
| 4 | 2 | 450 | 2 ³ / ₁₆ | 3/4 | 3/4 | 3/4 | PW0424112 | |
| 4 | 2 | 450 | 2 ³ / ₁₆ | 1/2 | 1/2 | 3/4 | PW0424108 | |
| 5 | 1 ¹ / ₂ | 450 | 1 ⁵ / ₈ | 3/4 | 3/4 | 1/2 | PW0514112 | |
| 5 | 2 | 550 | 2 ³ / ₁₆ | 3/4 | 3/4 | 3/4 | PW0524112 | |
| 5 | 2 | 650 | 2 ³ / ₁₆ | 1/2 | 1/2 | 3/4 | PW0524108 | |
| 5 | 2 | 650 | 2-3/8 | 1/2 | 3/4 | 3/4 | | PW0525112 |
| 6 | 1 ¹ / ₂ | 550 | 1 ⁵ / ₈ | 3/4 | 3/4 | 3/4 | PW0614112 | |
| 6 | 2 | 650 | 2 ³ / ₁₆ | 3/4 | 3/4 | 3/4 | PW0624112 | |
| 6 | 2 | 750 | 2 ³ / ₁₆ | 1/2 | 1/2 | 3/4 | PW0624108 | |
| 6 | 2 | 750 | 2-3/8 | 1/2 | 3/4 | 3/4 | | PW0625112 |

* Hub length of Delrin bearing (51) models is 2⁹/₁₆".

METAL WHEELS

Steel Tread Wheels



Drop Forged and Large Bore Forged (FS/FH).....136



Drop Forged V-Groove (VF/VH).....137

Cast Iron Tread Wheels



Single Flange (FL).....138



Double Flange (FD).....138



Ductile Iron (Flat & Crowned) FM/FR.....139



Ductile V-Groove (VM).....139



Cast Iron (CA).....140



Cast Iron V-Groove (VG/VL).....141

FS

 Premium Quality

 Heat Resistant

Drop Forged Steel



Drop forged steel wheels are hot forged from carbon steel billets. The forging process improves grain flow, enhances ductility and tensile strength. Suitable for high capacity, abusive applications. Forged steel is 64,000 psi tensile strength.

FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Clear coat enamel
- **Temperature Range:** Up to +800°F, consult factory for high temperature requirements
- **Hardness:** Rockwell 80 B

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (08, 09) |
|--------------------------------------|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|---|
| Drop Forged Steel Wheels (FS) | | | | | | | | | |
| 4 | 11/2 | 1400 | 23/16 | 13/16 | 1/2 | 31/4 | FS0410108 | | |
| 4 | 11/2 | 1400 | 23/16 | 13/16 | 5/8 | 31/4 | FS0410110 | | |
| 4 | 11/2 | 1400 | 23/16 | 13/16 | 3/4 | 31/4 | FS0410112~ | | |
| 4 | 11/2 | 1400 | 27/16 | 13/8 | 1/2 | 31/4 | | FS0410908 | |
| 5 | 13/4 | 1500 | 23/16 | 13/16 | 1/2 | 51/4 | FS0520108 | | |
| 5 | 13/4 | 1500 | 23/16 | 13/16 | 5/8 | 51/4 | FS0520110 | | |
| 5 | 13/4 | 1500 | 23/16 | 13/16 | 3/4 | 51/4 | FS0520112~ | | |
| 5 | 13/4 | 1800 | 27/16 | 13/8 | 1/2 | 51/4 | | FS0520908 | |
| 6 | 2 | 1700 | 23/16 | 13/16 | 1/2 | 61/4 | FS0620108 | | |
| 6 | 2 | 1700 | 23/16 | 13/16 | 5/8 | 61/4 | FS0620110 | | |
| 6 | 2 | 1700 | 23/16 | 13/16 | 3/4 | 61/4 | FS0620112~ | | |
| 6 | 2 | 2500 | 27/16 | 13/8 | 1/2 | 61/4 | | FS0620908 | |
| 6 | 2 | 2500 | 27/16 | 17/8 | 3/4 | 61/4 | | FS0620912 | |
| 6 | 3 | 6000 | 31/4 | 27/16 | 11/4 | 201/4 | FS0650120 | | |
| 6 | 3 | 6000 | 31/2 | 27/16 | 11/2 | 201/4 | FS0650124 | | |
| 6 | 3 | 10000 | 31/2 | 27/16 | 1 | 193/4 | | FS0650916 | |
| 6 | 3 | 10000 | 31/2 | 27/16 | 11/8 | 193/4 | | FS0650918 | |
| 6 | 3 | 10000 | 31/2 | 27/16 | 11/4 | 193/4 | | FS0650920 | |
| 8 | 3 | 4500 | 31/4 | 115/16 | 1 | 181/4 | FS0850116 | | |
| 8 | 3 | 4500 | 31/4 | 115/16 | 11/4 | 181/4 | FS0850120 | | |
| 8 | 3 | 5500 | 31/2 | 115/16 | 3/4 | 181/4 | | FS0850912 | |
| 8 | 3 | 5500 | 1/2 | 21/4 | 1 | 181/4 | | FS0850916 | |
| 8 | 4 | 8350 | 41/4 | 27/16 | 11/4 | 351/2 | FS0870120 | | |
| 8 | 4 | 8350 | 41/4 | 27/16 | 11/2 | 351/2 | FS0870124 | | |
| 8 | 4 | 10000 | 41/2 | 27/16 | 1 | 361/2 | | FS0870916 | |
| 8 | 4 | 10000 | 41/2 | 27/16 | 11/8 | 361/2 | | FS0870918 | |
| 8 | 4 | 10000 | 41/2 | 27/16 | 11/4 | 361/2 | | FS0870920 | |
| 10 | 3 | 5000 | 31/4 | 115/16 | 1 | 273/4 | FS1050116 | | |
| 10 | 3 | 5000 | 31/4 | 115/16 | 11/4 | 273/4 | FS1050120 | | |
| 10 | 3 | 6000 | 31/2 | 115/16 | 3/4 | 271/2 | | FS1050912 | |
| 10 | 4 | 8350 | 41/4 | 27/16 | 11/4 | 48 | FS1070120 | | |
| 10 | 4 | 8350 | 41/4 | 27/16 | 11/2 | 48 | FS1070124 | | |
| 10 | 4 | 10000 | 41/2 | 27/16 | 1 | 471/4 | | FS1070916 | |
| 10 | 4 | 10000 | 41/2 | 27/16 | 11/8 | 471/4 | | FS1070918 | |
| 10 | 4 | 10000 | 41/2 | 27/16 | 11/4 | 471/4 | | FS1070920 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

FH

 Premium Quality

 Heat Resistant

Large Bore Drop Forged Steel



These dropped forged steel wheels are a large bore version of FS wheels. See FS wheels for features and options.

Up to 20,000 lbs Capacity!

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|---|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|-------------------------------------|
| Large Bore Drop Forged Steel Wheels (FH) | | | | | | | | | |
| 6 | 3 | 17000 | 31/2 | 31/8 | 11/4 | 221/4 | | FH0650920 | |
| 6 | 3 | 17000 | 31/2 | 31/8 | 11/2 | 221/4 | | FH0650924 | |
| 8 | 3 | 6500 | 31/4 | 27/16 | 11/4 | 34 | FH0850120 | | |
| 8 | 4 | 20000 | 41/2 | 31/8 | 11/4 | 34 | | FH0870920 | |
| 8 | 4 | 20000 | 41/2 | 31/8 | 11/2 | 34 | | FH0870924 | |
| 10 | 3 | 6000 | 31/4 | 27/16 | 11/4 | 371/4 | FH1050120 | | |
| 10 | 3 | 6000 | 31/4 | 27/16 | 11/2 | 371/4 | FH1050124 | | |
| 10 | 3 | 6500 | 31/2 | 27/16 | 1 | 37 | | FH1050916 | |
| 10 | 3 | 6500 | 31/2 | 27/16 | 11/4 | 37 | | FH1050920 | |
| 10 | 4 | 20000 | 41/2 | 31/8 | 11/4 | 461/4 | | FH1070920 | |
| 10 | 4 | 20000 | 41/2 | 31/8 | 11/2 | 461/4 | | FH1070924 | |

VF/VH



Premium Quality



Heat Resistant

Drop Forged Steel V-Groove



Wheel face and "V"-groove are machined from drop forged steel. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on a track but flat surfaces as well. VH wheels feature a larger bore for greater capacity.

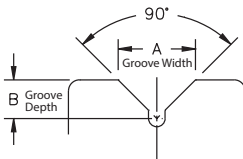
Please note: Track alignment is critical when utilizing v-groove wheels.

FEATURES

- **Wheel face:** V-Groove
- **Finish:** Clear Coat Enamel w/Rust Inhibitor
- **Temperature Range:** Up to +350°F, consult factory for high temperature requirements
- **Hardness:** Brinell 149 (converted from Rockwell 80 B)
- **Tensile:** 64,000 psi

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory



Letters match to chart descriptions

| Drop Forged Steel V-Groove (VF, VH) | | | | | | | | | | |
|-------------------------------------|-------------------------|---|-------------------------------|---------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|--|---|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rat. for normal operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
| 6 | 3 | 6000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 20 ¹ / ₄ | VF0650120 | |
| 6 | 3 | 6000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₂ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 20 ¹ / ₄ | VF0650124 | |
| 6 | 3 | 10000 | 3 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 19 ³ / ₄ | | VF0650916 |
| 6 | 3 | 10000 | 3 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 19 ³ / ₄ | | VF0650920 |
| 6 | 3 | 15000 | 3 ¹ / ₂ | 3 ¹ / ₈ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 22 | | VH0650920 |
| 6 | 3 | 15000 | 3 ¹ / ₂ | 3 ¹ / ₈ | 1 ¹ / ₂ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 22 | | VH0650924 |
| 8 | 3 | 6000 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 7 ⁸ / ₁₆ | 7 ¹⁶ / ₁₆ | 30 | VF0850116 | |
| 8 | 4 | 8350 | 4 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 21 ³ / ₄ | VF0870120 | |
| 8 | 4 | 8350 | 4 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₂ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 21 ³ / ₄ | VF0870124 | |
| 8 | 4 | 10000 | 4 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 21 | | VF0870916 |
| 8 | 4 | 10000 | 4 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 21 | | VF0870920 |
| 8 | 4 | 15000 | 4 ¹ / ₂ | 3 ¹ / ₈ | 1 ¹ / ₄ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 27 ¹ / ₂ | | VH0870920 |
| 8 | 4 | 15000 | 4 ¹ / ₂ | 3 ¹ / ₈ | 1 ¹ / ₂ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 27 ¹ / ₂ | | VH0870924 |
| 10 | 3 | 6000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 37 ¹ / ₂ | VH1050120 | |
| 10 | 3 | 6000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₂ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 37 ¹ / ₂ | VH1050124 | |
| 10 | 3 | 6000 | 3 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 37 | | VH1050916 |
| 10 | 3 | 6000 | 3 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 37 | | VH1050920 |
| 10 | 3 | 5000 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 27 ³ / ₄ | VF1050116 | |
| 10 | 3 | 5000 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 27 ³ / ₄ | VF1050120 | |
| 10 | 4 | 8350 | 4 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 48 | VF1070120 | |
| 10 | 4 | 8350 | 4 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₂ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 48 | VF1070124 | |
| 10 | 4 | 10000 | 4 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 47 ¹ / ₄ | | VF1070916 |
| 10 | 4 | 10000 | 4 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 47 ¹ / ₄ | | VF1070920 |
| 10 | 4 | 15000 | 4 ¹ / ₂ | 3 ¹ / ₈ | 1 ¹ / ₄ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 46 ¹ / ₄ | | VH1070920 |
| 10 | 4 | 15000 | 4 ¹ / ₂ | 3 ¹ / ₈ | 1 ¹ / ₂ | 1 ³ / ₄ | 7 ⁸ / ₁₆ | 46 ¹ / ₄ | | VH1070924 |

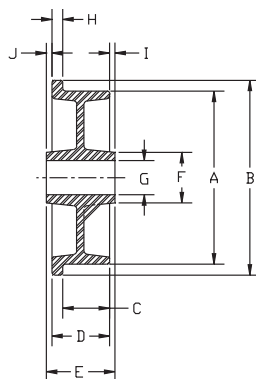
FL Single Flange

 Premium Quality

 Heat Resistant



Various bore sizes are available for FL for use as plain bore wheels or to be used with keyway and set screw or with a variety of bearings. This cast iron wheel offers 30,000 psi tensile strength.



Letters match to chart descriptions below.

FEATURES

- **Finish:** Gray enamel
 - **Temperature Range:** Up to +800°F, consult factory for high temperature requirements
 - **Hardness:** Brinell 145
- ### WHEEL OPTIONS
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
 - For customization & special application options, please consult factory

| Single Flange (FL) | | | | | | | | | | | | | | Wheel Number Straight Roller (01) | Wheel Number Tapered Roller (09) |
|-------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|---------------------|------------------------------|----------------------------|----------------------------|-------------------|--------------------------|----------------------|-----------|-----------------------------------|----------------------------------|
| Face Diameter "A" (Inches) | Flange OD "B" (Inches) | Face Width "C" (Inches) | O.A. Width "D" (Inches) | Hub Length "E" (Inches) | Hub O.D. "F" (Inches) | Bore G" (Inches) | Flange Width "H" (Inches) | Hub Offset "I" (Inches) | Hub Offset "J" (Inches) | Capacity (Lbs) | Bearing Size (Inches) | Approx. Wt. (LBS) | | | |
| 3 | 4 | 1 | 13/8 | 23/16 | 15/8 | 13/16 | 3/8 | 9/16 | 1/4 | 700 | 3/4 | 3 | FL0320112 | | |
| 3 1/4 | 4 | 1 | 13/8 | 23/16 | 13/4 | 13/16 | 3/8 | 19/32 | 7/32 | 700 | 3/4 | 3 | FL0310112 | | |
| 4 1/2 | 5 1/2 | 19/16 | 23/8 | 2 1/2 | 2 1/2 | 115/16 | 3/16 | 1/16 | 1/16 | 1500 | 1 | 9 1/2 | FL0410116 | FL0410912 | |
| 4 1/2 | 5 1/2 | 19/16 | 23/8 | 2 1/2 | 2 1/2 | 115/16 | 3/16 | 1/16 | 1/16 | 1500 | 3/4 | 9 1/2 | | | |
| 6 | 6 3/4 | 15/8 | 2 | 23/16 | 13/4 | 13/16 | 3/8 | 3/32 | 3/32 | 900 | 3/4 | 8 1/2 | FL0620112 | | |
| 8 | 9 1/2 | 2 | 2 1/2 | 3 1/4 | 3 | 115/16 | 1/2 | 3/8 | 3/8 | 1600 | 1 | 16 1/4 | FL0840116 | FL0840912 | |
| 8 | 9 1/2 | 2 | 2 1/2 | 3 1/2 | 3 | 115/16 | 1/2 | 3/8 | 3/8 | 1600 | 3/4 | 16 1/4 | | | |
| 14 | 16 | 3 | 3 5/8 | 4 1/4 | 4 1/4 | 27/16 | 5/8 | 5/16 | 5/16 | 3000 | 1 1/4 | 56 | FL1460120 | FL1460916 | |
| 14 | 16 | 3 | 3 5/8 | 4 1/2 | 4 1/4 | 27/16 | 5/8 | 5/16 | 5/16 | 3000 | 1 | 56 | | | |

FD Double Flange

 Premium Quality

 Heat Resistant



FD offers various bore sizes for use as plain bore wheels or to be used with keyway and set screw or with a variety of bearings. This cast iron wheel offers 30,000 psi tensile strength. See FL for features and options.

| Double Flange (FD) | | | | | | | | | | | | | | Wheel Number Straight Roller (01) | Wheel Number Tapered Roller (09) |
|-------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|---------------------|------------------------------|----------------------------|----------------------------|-------------------|--------------------------|----------------------|--|-----------------------------------|----------------------------------|
| Face Diameter "A" (Inches) | Flange OD "B" (Inches) | Face Width "C" (Inches) | O.A. Width "D" (Inches) | Hub Length "E" (Inches) | Hub O.D. "F" (Inches) | Bore G" (Inches) | Flange Width "H" (Inches) | Hub Offset "I" (Inches) | Hub Offset "J" (Inches) | Capacity (Lbs) | Bearing Size (Inches) | Approx. Wt. (LBS) | | | |
| 10 | 12 | 13/4 | 3 | 3 1/2 | 3 | 115/16 | 5/8 | 1/8 | 1/8 | 2000 | 3/4 | 35 | | FD1050912 | |

FR



Full Radius Ductile Tread



FR Full Radius Ductile Tread Design For Easier Maneuverability

Albion FR Ductile Wheels feature higher capacities compared to cast iron wheels. Full radius tread design makes them easier to swivel and roll. Wheels are painted black.

FEATURES

- **Wheel face:** Full radius tread design
- **Finish:** Black paint
- **Temperature Range:** Up to +800°F, consult factory for high temperature requirements
- **Tensile Strength:** 65K PSI

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Plain Bore (00) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|------------------------------|----------------------------------|----------------------------------|
| 5 | 2 | 1500 | 23/16 | 13/16 | 3/4 | 6 | FR0520019 | FR0520112 | |
| 5 | 2 | 1500 | 27/16 | 13/8 | 1/2 | 6 | | | FR0520908 |
| 6 | 2 | 2000 | 23/16 | 13/16 | 3/4 | 7 1/2 | FR0620019 | FR0620112 | |
| 6 | 2 | 2000 | 27/16 | 13/8 | 1/2 | 7 1/2 | | | FR0620908 |
| 6 | 3 | 6000 | 3 1/4 | 1 15/16 | 1 1/4 | 11 1/2 | FR0650031 | FR0650120 | |
| 6 | 3 | 6000 | 3 1/2 | 1 15/16 | 3/4 | 11 1/2 | | | FR0650912 |
| 8 | 2 | 1500 | 23/16 | 13/16 | 3/4 | 11 | FR0820019 | FR0820112 | |
| 8 | 2 | 2000 | 27/16 | 13/8 | 1/2 | 11 | | | FR0820908 |
| 8 | 3 | 6000 | 3 1/4 | 1 15/16 | 1 1/4 | 15 1/2 | FR0850031 | FR0850120 | |
| 8 | 3 | 6000 | 3 1/2 | 1 15/16 | 3/4 | 15 1/2 | | | FR0850912 |
| 10 | 3 | 6000 | 3 1/4 | 1 15/16 | 1 1/4 | 20 1/2 | FR1050031 | FR1050120 | |
| 10 | 3 | 6000 | 3 1/2 | 1 15/16 | 3/4 | 20 1/2 | | | FR1050912 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

VM



Ductile V-Groove

Albion VM Ductile Wheels feature higher capacities compared to cast iron V-Groove wheels. Wheels are painted black.



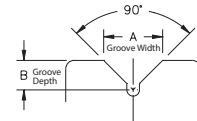
FEATURES

- **Wheel face:** V-Groove
- **Finish:** Flat Black Paint w/Rust Inhibitor
- **Temperature Range:** Up to +350°F, consult factory for high temperature requirements
- **Hardness:** Brinell 131 – 217 (mechanical properties ASTM A536 grade 65-45-12)
- **Tensile:** 65,000 psi

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory

Letters match to chart descriptions



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|---------------------------|---------------------------|-------------------|----------------------------------|----------------------------------|
| 6 | 2 | 1100 | 23/16 | 13/16 | 3/4 | 7/8 | 7/16 | 7 1/2 | VM0620112 | |
| 6 | 2 1/2 | 3500 | 3 1/4 | 1 15/16 | 1 | 7/8 | 7/16 | 9 1/2 | VM0640116 | |
| 6 | 2 1/2 | 3500 | 3 1/4 | 1 15/16 | 1 1/4 | 7/8 | 7/16 | 9 1/2 | VM0640120 | |
| 6 | 2 1/2 | 3500 | 3 1/2 | 1 15/16 | 3/4 | 7/8 | 7/16 | 9 1/2 | | VM0640912 |
| 6 | 3 | 5000 | 3 1/4 | 1 15/16 | 1 | 7/8 | 7/16 | 10 1/2 | VM0650116 | |
| 6 | 3 | 5000 | 3 1/4 | 1 15/16 | 1 1/4 | 7/8 | 7/16 | 10 1/2 | VM0650120 | |
| 6 | 3 | 5000 | 3 1/2 | 1 15/16 | 3/4 | 7/8 | 7/16 | 10 1/2 | | VM0650912 |
| 8 | 3 | 5000 | 3 1/4 | 1 15/16 | 1 | 7/8 | 7/16 | 16 1/2 | VM0850116 | |
| 8 | 3 | 5000 | 3 1/4 | 1 15/16 | 1 1/4 | 7/8 | 7/16 | 16 1/2 | VM0850120 | |
| 8 | 3 | 5000 | 3 1/2 | 1 15/16 | 3/4 | 7/8 | 7/16 | 16 1/2 | | VM0850912 |
| 8 | 3 | 5000 | 3 1/2 | 1 15/16 | 1 | 7/8 | 7/16 | 16 1/2 | | VM0850916 |
| 10 | 3 | 6000 | 3 1/4 | 1 15/16 | 1 | 13/8 | 11/16 | 26 | VM1050116 | |
| 10 | 3 | 6000 | 3 1/4 | 1 15/16 | 1 1/4 | 13/8 | 11/16 | 26 | VM1050120 | |
| 10 | 3 | 6000 | 3 1/2 | 1 15/16 | 3/4 | 13/8 | 11/16 | 26 | | VM1050912 |
| 10 | 3 | 6000 | 3 1/2 | 1 15/16 | 1 | 13/8 | 11/16 | 26 | | VM1050916 |

FR/VM DUCTILE IRON



Cast Iron

Premium cast iron, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). CA wheels are a cost-effective solution for high capacity applications.

FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Gray enamel
- **Temperature Range:** Up to +800°F, consult factory for high temperature requirements
- **Hardness:** Brinell 145

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on minimal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01, 05, 07) | Wheel Number Tapered Roller Roller (09) |
|------------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--|--|
| Cast Iron Wheels (CA) | | | | | | | | |
| 4 | 2 | 1000 | 23/16 | 17/16 | 1/2 | 33/4 | CA0420108 | |
| 4 | 2 | 1000 | 23/16 | 17/16 | 5/8 | 31/4 | CA0420110 | |
| 4 | 2 | 1000 | 23/16 | 13/16 | 3/4 | 31/4 | CA0420112~ | |
| 4 | 3 | 2000 | 31/4 | 115/16 | 1 | 81/4 | CA0450116 | |
| 4 | 3 | 2000 | 31/4 | 1-15/16 | 11/4 | 81/4 | CA0450120 | |
| 4 | 4 | 4000 | 41/4 | 27/16 | 11/4 | 103/4 | CA0470120* | |
| 4 | 4 | 4000 | 41/4 | 27/16 | 11/2 | 103/4 | CA0470124* | |
| 5 | 2 | 1300 | 23/16 | 13/16 | 1/2 | 41/4 | CA0520108 | |
| 5 | 2 | 1300 | 23/16 | 13/16 | 5/8 | 41/4 | CA0520110 | |
| 5 | 2 | 1300 | 23/16 | 13/16 | 3/4 | 41/4 | CA0520112~ | |
| 5 | 2 1/8 | 1500 | 23/16 | 17/16 | 7/8 | 51/4 | CA0530114 | |
| 5 | 2 1/8 | 1500 | 23/16 | 17/16 | 1 | 51/4 | CA0530116 | |
| 5 | 2 1/2 | 2300 | 31/4 | 115/16 | 1 | 10 | CA0540116 | |
| 5 | 2 1/2 | 2300 | 31/4 | 115/16 | 1 1/4 | 10 | CA0540120 | |
| 6 | 2 | 1400 | 23/16 | 13/16 | 1/2 | 61/4 | CA0620108 | |
| 6 | 2 | 1400 | 23/16 | 13/16 | 5/8 | 61/4 | CA0620110 | |
| 6 | 2 | 1400 | 23/16 | 13/16 | 3/4 | 61/4 | CA0620112~ | |
| 6 | 2 1/2 | 1600 | 23/4 | 13/16 | 3/4 | 71/2 | CA0640712 | |
| 6 | 2 1/2 | 1800 | 23/4 | 115/16 | 1 | 91/2 | CA0640516 | |
| 6 | 3 | 2800 | 31/4 | 115/16 | 1 | 113/4 | CA0650116 | |
| 6 | 3 | 2800 | 31/4 | 115/16 | 1 1/4 | 113/4 | CA0650120 | |
| 6 | 3 | 2800 | 31/2 | 115/16 | 3/4 | 111/2 | | CA0650912 |
| 8 | 2 | 1800 | 23/16 | 13/16 | 1/2 | 81/2 | CA0820108 | |
| 8 | 2 | 1800 | 23/16 | 13/16 | 5/8 | 81/2 | CA0820110 | |
| 8 | 2 | 1800 | 23/16 | 13/16 | 3/4 | 81/2 | CA0820112~ | |
| 8 | 2 1/2 | 1600 | 23/4 | 13/16 | 3/4 | 10 | CA0840712 | |
| 8 | 2 1/2 | 1800 | 23/4 | 115/16 | 1 | 13 | CA0840516 | |
| 8 | 3 | 2800 | 31/4 | 115/16 | 1 | 113/4 | CA0850116 | |
| 8 | 3 | 2800 | 31/4 | 115/16 | 1 1/4 | 113/4 | CA0850120 | |
| 8 | 3 | 2800 | 31/2 | 115/16 | 3/4 | 111/2 | | CA0850912 |
| 8 | 4 | 4000 | 41/4 | 27/16 | 1 1/4 | 271/4 | CA0870120 | |
| 8 | 4 | 4000 | 41/4 | 27/16 | 1 1/2 | 271/4 | CA0870124 | |
| 8 | 4 | 6000 | 41/2 | 27/16 | 1 | 261/2 | | CA0870916 |
| 8 | 4 | 6000 | 41/2 | 27/16 | 1 1/4 | 261/2 | | CA0870920 |
| 10 | 3 | 2800 | 31/4 | 115/16 | 1 | 163/4 | CA1050116 | |
| 10 | 3 | 2800 | 31/4 | 115/16 | 1 1/4 | 163/4 | CA1050120 | |
| 10 | 3 | 2800 | 31/2 | 115/16 | 3/4 | 161/2 | | CA1050912 |
| 10 | 4 | 4000 | 41/4 | 27/16 | 1 1/4 | 33 | CA1070120 | |
| 10 | 4 | 4000 | 41/2 | 27/16 | 1 1/2 | 33 | CA1070124 | |
| 10 | 4 | 6000 | 41/2 | 27/16 | 1 | 321/2 | | CA1070916 |
| 10 | 4 | 6000 | 41/2 | 27/16 | 1 1/4 | 321/2 | | CA1070920 |
| 12 | 2 1/2 | 1800 | 23/4 | 115/16 | 1 | 201/2 | CA1240516 | |
| 12 | 3 | 2800 | 31/4 | 115/16 | 1 | 22 | CA1250116 | |
| 12 | 3 | 2800 | 31/4 | 115/16 | 1 1/4 | 22 | CA1250120 | |
| 12 | 3 | 2800 | 31/2 | 115/16 | 3/4 | 213/4 | | CA1250912 |
| 14 | 4 | 4000 | 41/4 | 27/16 | 1 1/4 | 491/2 | CA1470120 | |
| 14 | 4 | 4000 | 41/4 | 27/16 | 1 1/2 | 491/2 | CA1470124 | |
| 16 | 4 | 5000 | 51/4 | 27/16 | 1 1/4 | 651/4 | CA1670120 | |
| 16 | 4 | 5000 | 51/4 | 27/16 | 1 1/2 | 651/4 | CA1670124 | |
| 18 | 3 | 4000 | 41/4 | 27/16 | 1 1/4 | 58 | CA1850120 | |
| 18 | 3 | 4000 | 41/4 | 27/16 | 2 | 58 | CA1850124 | |

~ Nylon retainer thrust washers & hardened metal spanner bushing included.
 ^ 27/16" spanner and spacers included. * Crown face

VG/VL



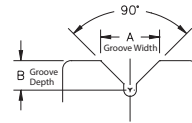
Premium Quality



Heat Resistant

Cast Iron V-Groove

Letters match to chart descriptions



Wheel face and "V"-groove are machined from heavy duty cast iron. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but flat surfaces as well. VL wheels feature a larger bore for greater capacity.

Please note: Track alignment is critical when utilizing v-groove wheels.

FEATURES

- **Wheel face:** V-Groove
- **Finish:** Silver Enamel Paint
- **Temperature Range:** Up to +350°F, consult factory for high temperature requirements
- **Hardness:** Brinell 145 **Tensile:** 30,000 psi

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory



Premium Quality



Heat Resistant

Cast Iron V-Groove (VG, VL)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (LBS) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|-------------------------------|---|--------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|
| 4 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 7/8 | 7/16 | 4 | VG0420110 | |
| 4 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 7/8 | 7/16 | 4 | VG0420112~ | |
| 5 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 7/8 | 7/16 | 5 | VG0520110 | |
| 5 | 2 | 800 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 7/8 | 7/16 | 5 | VG0520112~ | |
| 6 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 7/8 | 7/16 | 8 | VG0620110 | |
| 6 | 2 | 1000 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 7/8 | 7/16 | 8 | VG0620112~ | |
| 6 | 2 ¹ / ₂ | 2500 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 7/8 | 7/16 | 11 ³ / ₄ | VG0640116 | |
| 6 | 2 ¹ / ₂ | 2500 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 7/8 | 7/16 | 11 ³ / ₄ | VG0640120 | |
| 6 | 2 ¹ / ₂ | 2500 | 3 ¹ / ₂ | 1 ¹⁵ / ₁₆ | 3/4 | 7/8 | 7/16 | 11 ¹ / ₂ | | VG0640912 |
| 8 | 2 ¹ / ₂ | 2500 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 7/8 | 7/16 | 15 ¹ / ₂ | VG0840116 | |
| 8 | 2 ¹ / ₂ | 2500 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 7/8 | 7/16 | 15 ¹ / ₂ | VG0840120 | |
| 8 | 2 ¹ / ₂ | 2500 | 3 ¹ / ₂ | 1 ¹⁵ / ₁₆ | 3/4 | 7/8 | 7/16 | 15 ¹ / ₂ | | VG0840912 |
| 8 | 2 ¹ / ₂ | 2500 | 3 ¹ / ₂ | 2 | 1 | 7/8 | 7/16 | 15 ¹ / ₂ | | VG0840916 |
| 8 | 3 | 2500 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 7/8 | 7/16 | 16 ³ / ₄ | VG0850116 | |
| 8 | 3 | 2500 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 7/8 | 7/16 | 16 ³ / ₄ | VG0850120 | |
| 8 | 3 | 2500 | 3 ¹ / ₂ | 1 ¹⁵ / ₁₆ | 3/4 | 7/8 | 7/16 | 16 ¹ / ₂ | | VG0850912 |
| 8 | 3 | 2500 | 3 ¹ / ₂ | 2 | 1 | 7/8 | 7/16 | 16 ¹ / ₂ | | VG0850916 |
| 8 | 3 | 4000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 17 ³ / ₄ | VL0850120 | |
| 8 | 3 | 4000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₂ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 17 ³ / ₄ | VL0850124 | |
| 8 | 3 | 4000 | 3 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 17 ¹ / ₄ | | VL0850916 |
| 8 | 3 | 4000 | 3 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 17 ¹ / ₄ | | VL0850920 |
| 10 | 3 | 3000 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 27 | VG1050116 | |
| 10 | 3 | 3000 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 27 | VG1050120 | |
| 10 | 3 | 3500 | 3 ¹ / ₂ | 1 ¹⁵ / ₁₆ | 3/4 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 26 ³ / ₄ | | VG1050912 |
| 10 | 3 | 3500 | 3 ¹ / ₂ | 2 | 1 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 26 ³ / ₄ | | VG1050916 |
| 10 | 3 | 4000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 28 | VL1050120 | |
| 10 | 3 | 4000 | 3 ¹ / ₄ | 2 ⁷ / ₁₆ | 1 ¹ / ₂ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 28 | VL1050124 | |
| 10 | 3 | 4000 | 3 ¹ / ₂ | 2 ⁷ / ₁₆ | 1 | 1 ³ / ₈ | 1 ¹ / ₁₆ | 27 ¹ / ₄ | | VL1050916 |
| 10 | 3 | 4000 | 3 ¹ / ₂ | 2 ¹¹ / ₃₂ | 1 ¹ / ₄ | 1 ³ / ₈ | 1 ¹ / ₁₆ | 27 ¹ / ₄ | | VL1050920 |

RUBBER TREAD WHEELS

Mold-on Rubber on Cast Iron Wheels



Heavy Duty Mold-On Rubber on
Cast Iron Core (MH).....143



Mold-On Rubber on
Cast Iron Core (MR).....144

Mold-on Rubber on Aluminum Wheels



Mold-On Rubber on Die Cast
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Black Monoprene Semi-Pneumatic (SZ).....148



Grey Monoprene Semi-Pneumatic (SV).....149



Black Pneumatic (SF).....149



Grey Pneumatic (SG).....149



Pneumatic Handtruck Wheel (SO).....150

MH



Premium Quality

Heavy Duty Mold-On Rubber on Iron Core



Heavy Duty cushion rubber treads are vulcanized to cast iron cores. The harder rubber tread still provides a cushion effect to the load and excellent floor protection. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

FEATURES

- **High Tensile Strength**
- **Wheel face:** Moderate crown
- **Finish:** Black tread on iron core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 90-95 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rolls for 1000' length) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01, 05, 07) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|---|
| 3 1/4 | 1 1/2 | 340 | 1 5/8 | 1 3/16 | 3/4 | | MH0310112~ |
| 4 | 1 1/2 | 400 | 1 5/8 | 1 3/16 | 3/4 | | MH0410112~ |
| 5 | 1 1/2 | 560 | 1 5/8 | 1 3/16 | 1/2 | | MH0510108 |
| 5 | 1 1/2 | 560 | 1 5/8 | 1 3/16 | 5/8 | | MH0510110 |
| 5 | 1 1/2 | 560 | 1 5/8 | 1 3/16 | 3/4 | | MH0510112~ |
| 5 | 2 | 700 | 2 3/16 | 1 3/16 | 1/2 | | MH0520108 |
| 5 | 2 | 700 | 2 3/16 | 1 3/16 | 5/8 | | MH0520110 |
| 5 | 2 | 700 | 2 3/16 | 1 3/16 | 3/4 | | MH0520112~ |
| 6 | 2 | 820 | 2 3/16 | 1 3/16 | 1/2 | | MH0620108 |
| 6 | 2 | 820 | 2 3/16 | 1 3/16 | 5/8 | | MH0620110 |
| 6 | 2 | 820 | 2 3/16 | 1 3/16 | 3/4 | | MH0620112~ |
| 7 | 1 5/8 | 760 | 2 | 1 3/16 | 5/8 | | MH0710110 |
| 7 | 1 5/8 | 760 | 2 | 1 3/16 | 3/4 | | MH0710112~ |
| 8 | 2 | 1000 | 2 3/16 | 1 3/16 | 5/8 | | MH0820110 |
| 8 | 2 | 1000 | 2 3/16 | 1 3/16 | 3/4 | | MH0820112~ |
| 8 | 2 | 1000 | 2 3/16 | 1 3/16 | 7/8 | | MH0820114 |
| 8 | 2 | 1000 | 2 3/16 | 1 15/16 | 1 | | MH0820116 |
| 8 | 2 1/2 | 1300 | 2 3/4 | 1 3/16 | 7/8 | | MH0840714 |
| 8 | 2 1/2 | 1300 | 2 3/4 | 1 15/16 | 1 | | MH0840516 |
| 10 | 2 1/2 | 1500 | 2 3/4 | 1 3/16 | 7/8 | | MH1040714 |
| 10 | 2 1/2 | 1500 | 2 3/4 | 1 15/16 | 1 | | MH1040516 |
| 10 | 2 1/2 | 1500 | 2 3/4 | 1 15/16 | 1 1/2 | | MH1040524 |
| 10 | 3 | 1800 | 3 1/4 | 1 15/16 | 1 | | MH1050116 |
| 12 | 2 1/2 | 1700 | 2 3/4 | 1 15/16 | 1 | | MH1240516 |
| 12 | 2 1/2 | 1700 | 2 3/4 | 1 15/16 | 1 1/4 | | MH1240520 |
| 16 | 3 | 2500 | 3 | 2 7/16 | 1 1/4 | | MH1650120 |

MR



Premium Quality

Mold-On Rubber on Iron Core



Cushion rubber treads are vulcanized to cast iron cores. The soft rubber tread affords a cushion effect to the load. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

FEATURES

- **High Tensile Strength**
- **Wheel face:** Moderate crown
- **Finish:** Black tread on black enamel core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 70-85 Shore A

WHEEL OPTIONS

- For neoprene on iron core, consult factory.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01, 05, 07) | Wheel Number Tapered Roller (09) |
|--|----------------------|--|---------------------|------------------|---------------------|-------------------|--|----------------------------------|
| Moldon Rubber on Iron Core (MR) | | | | | | | | |
| 4 | 2 | 300 | 23/16 | 13/16 | 1/2 | 11/2 | MR0420108 | |
| 4 | 2 | 300 | 23/16 | 13/16 | 5/8 | 11/2 | MR0420110 | |
| 4 | 2 | 300 | 23/16 | 13/16 | 3/4 | 11/2 | MR0420112~ | |
| 5 | 2 | 450 | 23/16 | 1-3/16 | 1/2 | 2 | MR0520108 | |
| 5 | 2 | 450 | 23/16 | 13/16 | 5/8 | 2 | MR0520110 | |
| 5 | 2 | 450 | 23/16 | 13/16 | 3/4 | 2 | MR0520112~ | |
| 6 | 2 | 500 | 23/16 | 13/16 | 1/2 | 2 1/4 | MR0620108 | |
| 6 | 2 | 500 | 23/16 | 13/16 | 5/8 | 2 1/4 | MR0620110 | |
| 6 | 2 | 500 | 23/16 | 13/16 | 3/4 | 2 1/4 | MR0620112~ | |
| 6 | 2 1/2 | 700 | 23/4 | 13/16 | 3/4 | 6 1/4 | MR0640712 | |
| 6 | 2 1/2 | 700 | 3 1/2 | 13/16 | 3/4 | 9 1/2 | | MR0640912 |
| 6 | 3 | 750 | 3 1/4 | 1 15/16 | 1 | 9 1/2 | MR0650116 | |
| 6 | 3 | 750 | 3 1/4 | 1 15/16 | 1 1/4 | 9 1/2 | MR0650120 | |
| 6 | 3 | 750 | 3 1/2 | 1 15/16 | 3/4 | 9 1/4 | | MR0650912 |
| 7 | 2 1/2 | 800 | 23/4 | 1 15/16 | 1 | 9 1/2 | MR0740516 | |
| 8 | 2 | 600 | 23/16 | 13/16 | 1/2 | 3 1/2 | MR0820108 | |
| 8 | 2 | 600 | 23/16 | 13/16 | 3/4 | 6 1/3 | MR0820112~ | |
| 8 | 2 | 600 | 2-3/16 | 13/16 | 5/8 | 3 1/2 | MR0820110 | |
| 8 | 2 | 600 | 23/16 | 13/16 | 7/8 | 3 1/2 | MR0820114 | |
| 8 | 2 | 600 | 23/16 | 1 15/16 | 1 | 4 | MR0820116 | |
| 8 | 2 1/2 | 850 | 23/4 | 1 15/16 | 1 | 9 1/2 | MR0840516 | |
| 8 | 2 1/2 | 850 | 23/4 | 13/16 | 3/4 | 8 1/2 | MR0840712 | |
| 8 | 3 | 900 | 3 1/2 | 1 15/16 | 3/4 | 11 1/4 | | MR0850912 |
| 8 | 3 | 900 | 3 1/2 | 1 63/64 | 1 | 11 1/4 | | MR0850916 |
| 8 | 3 | 900 | 3 1/4 | 1 15/16 | 1 1/4 | 11 1/2 | MR0850120 | |
| 10 | 2 1/2 | 950 | 23/4 | 13/16 | 3/4 | 12 1/4 | MR1040712 | |
| 10 | 2 1/2 | 950 | 23/4 | 13/16 | 7/8 | 12 3/4 | MR1040714 | |
| 10 | 2 1/2 | 950 | 23/4 | 1 15/16 | 1 | 12 3/4 | MR1040516 | |
| 10 | 3 | 1000 | 3 1/2 | 1 15/16 | 3/4 | 14 | | MR1050912 |
| 10 | 3 | 1000 | 3 1/4 | 1 15/16 | 1 | 14 1/4 | MR1050116 | |
| 10 | 3 | 1000 | 3 1/2 | 1 63/64 | 1 | 14 | | MR1050916 |
| 10 | 3 | 1000 | 3 1/4 | 1 15/16 | 1 1/4 | 14 1/4 | MR1050120 | |
| 10 | 3 | 1000 | 3 1/2 | 2 1/64 | 1 1/4 | 14 | | MR1050920 |
| 10 | 4 | 1400 | 4 1/4 | 2 7/16 | 1 1/4 | 25 1/2 | MR1070120 | |
| 10 | 4 | 1400 | 4 1/4 | 2 7/16 | 1 1/2 | 25 1/2 | MR1070124 | |
| 10 | 4 | 1400 | 4 1/2 | 2 7/16 | 1 | 25 | | MR1070916 |
| 10 | 4 | 1400 | 4 1/2 | 2 7/16 | 1 1/4 | 25 | | MR1070920 |
| 12 | 2 1/2 | 950 | 23/4 | 1 15/16 | 1 | 15 1/2 | MR1240516 | |
| 12 | 3 | 1200 | 3 1/4 | 1 15/16 | 1 | 19 1/4 | MR1250116 | |
| 12 | 3 | 1200 | 3 1/4 | 1 15/16 | 1 1/4 | 19 1/4 | MR1250120 | |
| 12 | 3 | 1200 | 3 1/2 | 1 15/16 | 3/4 | 19 | | MR1250912 |
| 12 | 4 | 1600 | 4 1/4 | 2 7/16 | 1 1/4 | 29 1/2 | MR1270120 | |
| 12 | 4 | 1600 | 4 1/4 | 2 7/16 | 1 1/2 | 29 1/2 | MR1270124 | |
| 12 | 4 | 1600 | 4 1/2 | 2 7/16 | 1 | 29 | | MR1270916 |
| 12 | 4 | 1600 | 4 1/2 | 2 7/16 | 1 1/4 | 29 | | MR1270920 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
 ^ 2 7/16" spanner and spacers included.

MD

Q Premium Quality

Mold-On Rubber on Die Cast Aluminum



Cushion rubber treads are vulcanized to die cast aluminum core. The soft rubber tread affords a cushion effect to the load and excellent floor protection. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black on natural aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 80-83 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Heavy Duty Mold-On Rubber on Aluminum Core (MD) | | | | | | | | Wheel Number Roller Bearing (01) |
|---|----------------------|--|--------------------------------|--------------------------------|---------------------|-------------------------------|------------|----------------------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | | |
| 4 | 2 | 400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 1 ¹ / ₂ | MD0420108 | |
| 4 | 2 | 400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 1 ¹ / ₂ | MD0420110 | |
| 4 | 2 | 400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₂ | MD0420112~ | |
| 5 | 2 | 500 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 2 | MD0520108 | |
| 5 | 2 | 500 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 2 | MD0520110 | |
| 5 | 2 | 500 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 2 | MD0520112~ | |
| 6 | 2 | 550 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 2 ¹ / ₄ | MD0620108 | |
| 6 | 2 | 550 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 2 ¹ / ₄ | MD0620110 | |
| 6 | 2 | 550 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 2 ¹ / ₄ | MD0620112~ | |
| 8 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 1/2 | 3 ¹ / ₂ | MD0820108 | |
| 8 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 3 ¹ / ₂ | MD0820110 | |
| 8 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 3 ¹ / ₂ | MD0820110 | |
| 8 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 3 ¹ / ₂ | MD0820112~ | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
 ^ 2⁷/₁₆" spanner and spacers included.



The Performa rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need.

FEATURES

- **Wheel Face:** Round tread
- **Finish:** Non-marking grey tread on grey core.
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A (unless otherwise specified)

WHEEL OPTIONS

- For customization, special applications or alternate bearings consult factory



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Bearing | Wheel Number |
|---|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------|--------------|
| Performa Round Grey Tread (XR) (Medium Heavy Duty) | | | | | | | | |
| 6 | 2 | 450 | 23/16 | 13/16 | 3/4 | 13/8 | Delrin | XR0625112 |
| 6 | 2 | 450 | 23/16 | 13/16 | 3/4 | 13/8 | Roller | XR0620112~ |
| 6 | 2 | 450 | 27/16 | 19/16 | 1/2 | 13/8 | Precision Ball | XR0622808* |
| 8 | 2 | 600 | 23/16 | 13/16 | 3/4 | 23/8 | Delrin | XR0825112 |
| 8 | 2 | 600 | 23/16 | 13/16 | 3/4 | 23/8 | Roller | XR0820112* |
| 8 | 2 | 600 | 27/16 | 19/16 | 1/2 | 23/8 | Precision Ball | XR0822808* |



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Bearing | Wheel Number |
|--|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------|--------------|
| Performa Round Grey Tread (XR) (Heavy Duty) | | | | | | | | |
| 10 | 2 1/2 | 850 | 3 1/2 | 27/16 | 3/4 | 3 | Precision Ball | XR1042812* |
| 10 | 2 1/2 | 850 | 3 1/4 | 1 15/16 | 1 | 3 | Roller | XR1040116 |
| 10 | 2 1/2 | 850 | 3 1/4 | 1 15/16 | 1 | 1 | Delrin | XR1045116 |

Tread Hardness is 50-60 Shore A.
 ~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
 * Precision sealed bearings and top hats.



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Bearing | Wheel Number |
|--|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------|--------------|
| Performa Round Black Tread (XR) (Hand Truck Offset Hub) | | | | | | | | |
| 8 | 2 | 250 | 2 1/4 | 13/8 | 1/2 | 2 | Precision Ball | XR0822808H |
| 8 | 2 | 250 | 2 1/4 | 13/8 | 5/8 | 2 | Precision Ball | XR0822810H |
| 10 | 2 | 250 | 2 1/4 | 13/8 | 1/2 | 3 | Precision Ball | XR1022808H |
| 10 | 2 | 250 | 2 1/4 | 13/8 | 5/8 | 3 | Precision Ball | XR1022810H |

Tread Hardness is 50-60 Shore A.
 ~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
 * Precision sealed bearings and top hats.



XS

Premium Quality
**Performa
Rubber**

The Performa rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Non-marking grey tread on grey core
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A

WHEEL OPTIONS

- For customization, special applications or alternate bearings, consult factory



Made in the USA



Made in the USA

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Bearing | Wheel Number |
|--|----------------------|---|--------------------------------|--------------------------------|---------------------|-------------------------------|----------------|--------------|
| Performa Flat Grey Tread (XS) (Medium Heavy Duty) | | | | | | | | |
| 4 | 2 | 400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | Delrin | XS0425112 |
| 4 | 2 | 400 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 | Roller | XS0420112~ |
| 4 | 2 | 400 | 2 ⁷ / ₁₆ | 1 ⁹ / ₁₆ | 1/2 | 1 | Precision Ball | XS0422808* |
| 5 | 2 | 500 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₈ | Delrin | XS0525112 |
| 5 | 2 | 500 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ¹ / ₈ | Roller | XS0520112~ |
| 5 | 2 | 500 | 2 ⁷ / ₁₆ | 1 ⁹ / ₁₆ | 1/2 | 1 ¹ / ₈ | Precision Ball | XS0522808* |
| 6 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ³ / ₈ | Delrin | XS0625112 |
| 6 | 2 | 600 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 1 ³ / ₈ | Roller | XS0620112~ |
| 6 | 2 | 600 | 2 ⁷ / ₁₆ | 1 ⁹ / ₁₆ | 1/2 | 1 ³ / ₈ | Precision Ball | XS0622808* |
| 8 | 2 | 675 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 2 ³ / ₈ | Delrin | XS0825112 |
| 8 | 2 | 675 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 2 ³ / ₈ | Roller | XS0820112~ |
| 8 | 2 | 675 | 2 ⁷ / ₁₆ | 1 ⁹ / ₁₆ | 1/2 | 2 ³ / ₈ | Precision Ball | XS0822808* |

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Bearing | Wheel Number |
|--|-------------------------------|---|--------------------------------|--------------------------------|---------------------|-------------------|-----------------|--------------|
| Performa Flat Black Tread (XS) (Center Hub) | | | | | | | | |
| 8 | 1 ¹ / ₂ | 350 | 2 ⁵ / ₁₆ | 1 ³ / ₈ | 1/2 | 3 | Industrial Ball | XS0812708 |
| 8 | 1 ¹ / ₂ | 350 | 2 | 1 ³ / ₁₆ | N/A | 3 | Plain | XS081001901 |

XS ULTIMA PERFORMA RUBBER CROWNED TREAD

SZ Monoprene Semi-Pneumatic



The SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat. These maintenance free wheels, constructed of solid monoprene material, which rejects debris and will not go flat, offer the same great features of a pneumatic wheel.

FEATURES

- **Wheel Face:** Traction tread
- **Finish:** Zinc plated hub
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 65-75 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bearing ID (Inches) | Tread Style | Wheel Number Precision Ball Bearing (28) |
|--|-------------------------|---|---------------------|---------------------|-------------|--|
| Black Monoprene Semi-Pneumatic (SZ) | | | | | | |
| 6 | 2 | 250 | 27/16 | 1/2 | Lug | SZ0622808 |
| 8 | 2 | 280 | 27/16 | 1/2 | Lug | SZ0822808 |
| 10 | 3 1/2 | 440 | 3 1/4 | 1/2 | Ribbed | SZ1062808 |
| 10 | 3 1/2 | 440 | 2 1/4 | 5/8 | Ribbed | SZ1062810H |

SV Monoprene Semi-Pneumatic



The SV wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat. These maintenance free wheels, constructed of solid monoprene material, which rejects debris and will not go flat, offer the same great features of a pneumatic wheel.

FEATURES

- **Wheel Face:** Traction tread
- **Finish:** Zinc plated hub
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 65-75 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bearing ID (Inches) | Tread Style | Wheel Number Precision Ball Bearing (28) |
|---|-------------------------|---|---------------------|---------------------|-------------|--|
| Grey Monoprene Semi-Pneumatic (SV) | | | | | | |
| 6 | 2 | 250 | 27/16 | 1/2 | Lug | SV0622808 |
| 8 | 2 | 280 | 27/16 | 1/2 | Lug | SV0822808 |
| 10 | 3 1/2 | 440 | 3 1/4 | 1/2 | Ribbed | SV1062808 |
| 10 | 3 1/2 | 440 | 2 1/4 | 5/8 | Ribbed | SV1062810H |

SF Premium Quality Black Pneumatic



Full Pneumatic (SF) are recommended for the greatest possible protection to both loads and floors. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider a pneumatic tire. Full pneumatics cushion the load on air, just like an automobile. They must be properly inflated as indicated in wheel table. These tires can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity. Suitable for extended service.

FEATURES

- Black Pneumatic tires feature non-marking floor protection
- Full pneumatics cushion the load on air, just like an automobile tire
- Smoother ride over rough floors
- Load capacities up to 3630 lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion for additional information

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Based on manual operation) | Ply Rating | Hub Length (Inches) | Air Pressure (PSI) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Ball Bearing (27) | Wheel Number Roller (01) | Wheel Number Tapered (09) |
|----------------------------------|-------------------------|--|------------|-------------------------------|--------------------|---------------------|-------------------|--------------------------------|--------------------------|---------------------------|
| 8 | 2 | 210 | 4 | 27/16 | 50 | 1/2 | 3 | SF0822708* | | |
| 8 ⁹ / ₁₆ | 2.50/4 | 220 | 4 | 2 ³ / ₄ | 50 | 3/4 | 3 | SF0842708* | SF0840112 | |
| 8 ⁹ / ₁₆ | 2.50/4 | 220 | 4 | 3 | 50 | 1/2 | 3 | | | |
| 9 | 2.80/4 | 295 | 4 | 3 1/2 | 50 | 3/4 | 4 1/4 | SF0852708* | SF0850112 | |
| 9 | 2.80/4 | 295 | 4 | 3 1/2 | 50 | 1/2 | 4 1/4 | | | |
| 10 ²⁹ / ₃₂ | 4.10/4 | 350 | 4 | 3 1/2 | 50 | 3/4 | 5 1/2 | SF1062708* | SF1060112 | |
| 10 ²⁹ / ₃₂ | 4.10/4 | 350 | 4 | 3 1/2 | 50 | 1/2 | 5 1/2 | | | |
| 13 | 4.10/6 | 445 | 4 | 4 1/2 | 50 | 1 | 6 1/4 | SF1272712 | SF1270116 | |
| 13 | 4.10/6 | 445 | 4 | 4 1/2 | 50 | 3/4 | 6 1/4 | | | |
| 13 | 4.10/6 | 445 | 4 | 4 1/2 | 50 | 1 | 10 1/4 | | | SF1270916 |
| 14 ¹⁹ / ₃₂ | 5.30/6 | 785 | 4 | 4 1/2 | 65 | 1 | 9 | SF1482712 | SF1480116 | |
| 14 ¹⁹ / ₃₂ | 5.30/6 | 785 | 4 | 4 1/2 | 65 | 3/4 | 9 | | | |
| 16 ³ / ₁₆ | 4.80/8 | 1300 | 6 | 6 | 90 | 1 | 16 | | | SF1680916 |
| 16 ¹⁵ / ₁₆ | 4.80/8 | 1000 | 4 | 4 1/2 | 70 | 1 1/4 | 12 | | SF1680120 | |
| 18.4 | 5.70/8 | 1170 | 4 | 4 1/2 | 60 | 1 1/4 | 15 | | SF1890120 | |
| 19 | 5.70/8 | 1530 | 6 | 6 1/2 | 75 | 1 | 25 | | | SF1890916 |
| 21 | 6.90/9 | 2420 | 10 | 7 | 100 | 1 1/4 | 37 1/2 | | | SF2190920 |
| 23 1/2 | 6.50/10 | 2775 | 10 | 6 | 100 | 1 1/4 | 38 | | | SF2390920 |
| 25 ¹¹ / ₁₆ | 7.50/10 | 3630 | 10 | 9 | 95 | 1 1/4 | 40 | | | SF2590920 |

*Precision bearings now available. Replacement parts now available, consult factory.

SG Premium Quality Grey Pneumatic



See SF description above.

FEATURES

- Grey Pneumatic tires feature non-marking floor protection
- Full pneumatics cushion the load on air, just like an automobile tire
- Smoother ride over rough floors
- Load capacities up to 350 lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion for additional information



| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bearing ID (Inches) | Approx. Wt. (Inches) | Ply Rating | Air Pressure (PSI) | Bearing Type | Wheel Number |
|---|-------------------------|--|---------------------|---------------------|----------------------|------------|--------------------|----------------|--------------|
| Grey Pneumatic (SG) 2" Tread Width | | | | | | | | | |
| 8 | 2 | 210 | 27/16 | 1/2 | 3 | 4 | 50 | Precision Ball | SG0822808 |

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bearing ID (Inches) | Approx. Wt. (Inches) | Ply Rating | Air Pressure (PSI) | Bearing Type | Wheel Number |
|---|-------------------------|--|-------------------------------|---------------------|----------------------|------------|--------------------|----------------|--------------|
| Grey Pneumatic (SG) 2.50" to 4.10" Tread Width | | | | | | | | | |
| 8 ¹⁹ / ₃₂ | 2.50/4 | 220 | 2 ³ / ₄ | 3/4 | 3 | 4 | 30 | Roller | SG0840112 |
| 8 ¹⁹ / ₃₂ | 2.50/4 | 220 | 3 1/2 | 1/2 | 4 | 4 | 30 | Precision Ball | SG0842808 |
| 9 | 2.80/4 | 295 | 3 1/2 | 3/4 | 4 1/4 | 4 | 50 | Roller | SG0850112 |
| 9 | 2.80/4 | 295 | 3 1/2 | 1/2 | 4 1/4 | 4 | 50 | Precision Ball | SG0852808 |
| 10 ²⁹ / ₃₂ | 4.10/4 | 350 | 3 1/2 | 3/4 | 5 1/2 | 4 | 50 | Roller | SG1060112 |
| 10 ²⁹ / ₃₂ | 4.10/4 | 350 | 3 1/2 | 1/2 | 5 1/2 | 4 | 50 | Precision Ball | SG1062808 |

SF/SG PNEUMATIC

SO Pneumatic Hand Truck



This 4-ply rating tire with offset hub is the perfect answer for all your hand truck replacement needs.

FEATURES

- Black Pneumatic tires feature non-marking floor protection
- Full pneumatics cushion the load on air, just like an automobile tire
- Smoother ride over rough floors
- Load capacities up to 350 lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion for additional information

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Based on manual operation) | Ply Rating | Hub Length (Inches) | Air Pressure (PSI) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Ball Bearing (27) | Wheel Number Roller (01) | Wheel Number Precision Ball (28) |
|---------------------------------------|----------------------------|--|------------|------------------------|-----------------------|------------------------|----------------------|---|-----------------------------------|---|
| Pneumatic Hand Truck Tire (SO) | | | | | | | | | | |
| 10 1/2 | 4.10/4 | 350 | 4 | 2 1/4 Offset | 50 | 5/8 | 2 | S01062710 | S01060110 | S01062810 |

PHENOLIC WHEELS

Phenolic Wheels



Phenolic (TM).....152



Heat Resistant Phenolic (TR).....153



Laminated Phenolic (TL).....154



Straight Sided Phenolic (TH/TS).....155



TM wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (+300°F intermittent)
- **Hardness:** Rockwell 102 E

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

Less capacity compared to TM,
but more heat resistant

| Phenolic (TM) | | | | | | | | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|------------|----------------------------------|----------------------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | | | |
| 4 | 2 | 800 | 23/16 | 13/16 | 1/2 | 1 1/2 | TM0420108 | | |
| 4 | 2 | 800 | 23/16 | 13/16 | 5/8 | 1 1/2 | TM0420110 | | |
| 4 | 2 | 800 | 23/16 | 13/16 | 3/4 | 1 1/2 | TM0420112~ | | |
| 5 | 2 | 1000 | 23/16 | 13/16 | 1/2 | 1-3/4 | TM0520108 | | |
| 5 | 2 | 1000 | 23/16 | 13/16 | 5/8 | 1-3/4 | TM0520110 | | |
| 5 | 2 | 1000 | 23/16 | 13/16 | 3/4 | 1-3/4 | TM0520112~ | | |
| 6 | 2 | 1200 | 23/16 | 13/16 | 1/2 | 2 1/2 | TM0620108 | | |
| 6 | 2 | 1200 | 23/16 | 13/16 | 5/8 | 2 1/2 | TM0620110 | | |
| 6 | 2 | 1200 | 23/16 | 13/16 | 3/4 | 2 1/2 | TM0620112~ | | |
| 6 | 2 1/2 | 1600 | 2-3/4 | 1 15/16 | 1 | 4 1/4 | TM0640516 | | |
| 6 | 2 1/2 | 1600 | 2-3/4 | 13/16 | 3/4 | 3 1/2 | TM0640712 | | |
| 6 | 3 | 2000 | 3 1/4 | 13/16 | 1 | 5 | TM0650116 | | |
| 6 | 3 | 2000 | 3 1/4 | 13/16 | 1 1/4 | 5 | TM0650120 | | |
| 6 | 3 | 2000 | 3-1/2 | 13/16 | 3/4 | 4 3/4 | | TM0650912 | |
| 6 | 3 | 2000 | 3-1/2 | 13/16 | 1 | 4 3/4 | | TM0650916 | |
| 6 | 3 | 2000 | 3-1/2 | 1 1/16 | 1 1/4 | 4 3/4 | | TM0650920 | |
| 7 | 3 | 2200 | 3 1/4 | 1 15/16 | 1 | 6 1/2 | TM0750116 | | |
| 7 | 3 | 2200 | 3 1/4 | 1 15/16 | 1 1/4 | 6 1/2 | TM0750120 | | |
| 7 | 3 | 2200 | 3 1/2 | 1 15/16 | 3/4 | 6 1/4 | | TM0750912 | |
| 7 | 3 | 2200 | 3 1/2 | 2 | 1 | 6 1/4 | | TM0750916 | |
| 7 | 3 | 2200 | 3 1/2 | 2 1/16 | 1 1/4 | 6 1/4 | | TM0750920 | |
| 8 | 2 | 1400 | 23/16 | 13/16 | 5/8 | 4 | TM0820110 | | |
| 8 | 2 | 1400 | 23/16 | 13/16 | 3/4 | 4 | TM0820112~ | | |
| 8 | 2 1/2 | 1800 | 2-3/4 | 1 15/16 | 1 | 5 3/4 | TM0840516 | | |
| 8 | 2 1/2 | 1600 | 2-3/4 | 13/16 | 3/4 | 5 1/4 | TM0840712 | | |
| 8 | 3 | 2500 | 3 3/4 | 1 15/16 | 1 | 7 1/4 | TM0850116 | | |
| 8 | 3 | 2500 | 3 3/4 | 1 15/16 | 1 1/4 | 7 1/4 | TM0850120 | | |
| 8 | 3 | 2500 | 3 1/2 | 1 15/16 | 3/4 | 7 | | TM0850912 | |
| 8 | 3 | 2500 | 3 1/2 | 2 | 1 | 7 | | TM0850916 | |
| 8 | 3 | 2500 | 3 1/2 | 2 1/16 | 1 1/4 | 7 | | TM0850920 | |
| 8 | 6** | 5000 | 6 1/2 | 2 1/16 | 1 1/4 | 15 1/2 | | TM0890920 | |
| 10 | 2 1/2 | 2500 | 2-3/4 | 1 15/16 | 1 | 7 1/2 | TM1040516 | | |
| 10 | 2 1/2 | 2500 | 2-3/4 | 13/16 | 3/4 | 7 | TM1040712 | | |
| 10 | 3 | 2900 | 3-1/4 | 1 15/16 | 1 | 9-3/4 | TM1050116 | | |
| 10 | 3 | 2900 | 3-1/4 | 1 15/16 | 1 1/4 | 9-3/4 | TM1050120 | | |
| 10 | 3 | 2900 | 3 1/2 | 1 15/16 | 3/4 | 9 1/2 | | TM1050912 | |
| 10 | 3 | 2900 | 3 1/2 | 2 | 1 | 9 1/2 | | TM1050916 | |
| 10 | 3 | 2900 | 3 1/2 | 2 1/16 | 1 1/4 | 9 1/2 | | TM1050920 | |
| 10 | 6** | 5800 | 6 1/2 | 2 1/16 | 1 1/4 | 20 1/2 | | TM1090920 | |
| 12 | 2 1/2 | 1800 | 2-3/4 | 1 15/16 | 1 | 11 1/4 | TM1240516 | | |
| 12 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 | 12 3/4 | TM1250116 | | |
| 12 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 1/4 | 12 3/4 | TM1250120 | | |
| 12 | 3 | 3500 | 3 1/2 | 1 15/16 | 3/4 | 12 1/2 | | TM1250912 | |
| 12 | 3 | 3500 | 3 1/2 | 2 | 1 | 12 1/2 | | TM1250916 | |
| 12 | 3 | 3500 | 3 1/2 | 2 1/16 | 1 1/4 | 12 1/2 | | TM1250920 | |
| 12 | 3 1/2 | 4000 | 4 1/4 | 2 7/16 | 1 1/4 | 23 1/2 | TM1260120 | | |
| 12 | 3 1/2 | 4000 | 4 1/4 | 2 7/16 | 1 1/2 | 23 1/2 | TM1260124 | | |
| 12 | 3 1/2 | 4000 | 4 1/2 | 2 7/16 | 1 | 23 | | TM1260916 | |
| 12 | 3 1/2 | 4000 | 4 1/2 | 2 7/16 | 1 1/4 | 23 | | TM1260920 | |
| 12 | 4 | 8000 | 4 1/2 | 2 1/32 | 1 1/4 | 26 1/4 | | TM1270920 | |
| 16 | 3 | 4000 | 4 1/4 | 2 7/16 | 1 1/4 | 25 | TM1650120 | | |
| 16 | 3 | 4000 | 4 1/4 | 2 7/16 | 1 1/2 | 25 | TM1650124 | | |
| 16 | 3 | 4000 | 4 1/2 | 2 7/16 | 1 1/4 | 25 3/4 | | TM1650920 | |
| 16 | 4 | 8000 | 5 1/4 | 2 7/16 | 1 1/4 | 35 3/4 | TM1670120 | | |
| 16 | 4 | 8000 | 5 1/4 | 2 7/16 | 1 1/2 | 35 3/4 | TM1670124 | | |
| 16 | 4 | 8000 | 5 1/2 | 2 7/16 | 1 1/4 | 34 1/4 | | TM1670920 | |
| 18 | 3 | 3500 | 3 1/4 | 1 15/16 | 1 | 23 3/4 | TM1850116 | | |
| 18 | 3 | 3500 | 3 1/4 | 1 15/16 | 1-1/4 | 23 3/4 | TM1850120 | | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 2 7/16" spanner and spacers included.

**Specially machined wheel built from 2 modified 3" tread width wheels.

TR Heat Resistant Phenolic



TR have similar benefit of TM wheels, but are designed for higher heat applications. Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Reddish Brown
- **Temperature Range:** -65°F to +525°F (+475°F intermittent)
- **Hardness:** Rockwell 102 E

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| Phenolic (TR) | | | | | | | | Wheel Number | Wheel Tapered Roller |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|---------------------|--------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Boye ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Roller (01, 05, 07) | (01, 05, 07) | (09) |
| 4 | 2 | 600 | 23/16 | 13/16 | 1/2 | 1 1/2 | TR0420108 | | |
| 4 | 2 | 600 | 23/16 | 13/16 | 5/8 | 1 1/2 | TR0420110 | | |
| 4 | 2 | 600 | 23/16 | 13/16 | 3/4 | 1 1/2 | TR0420112~ | | |
| 5 | 2 | 750 | 23/16 | 13/16 | 1/2 | 1 3/4 | TR0520108 | | |
| 5 | 2 | 750 | 23/16 | 13/16 | 5/8 | 1 3/4 | TR0520110 | | |
| 5 | 2 | 750 | 23/16 | 13/16 | 3/4 | 1 3/4 | TR0520112~ | | |
| 6 | 2 | 900 | 23/16 | 13/16 | 1/2 | 2 1/2 | TR0620108 | | |
| 6 | 2 | 900 | 23/16 | 13/16 | 5/8 | 2 1/2 | TR0620110 | | |
| 6 | 2 | 900 | 2-3/16 | 13/16 | 3/4 | 2 1/2 | TR0620112~ | | |
| 6 | 3 | 1400 | 3 1/4 | 13/16 | 1 | 5 | TR0650116 | | |
| 6 | 3 | 1700 | 3 1/4 | 13/16 | 1 1/4 | 5 | TR0650120 | | |
| 6 | 3 | 1700 | 3 1/2 | 13/16 | 3/4 | 4 3/4 | | TR0650912 | |
| 6 | 3 | 1700 | 3 1/2 | 13/16 | 1 | 4 3/4 | | TR0650916 | |
| 6 | 3 | 1700 | 3 1/2 | 1 1/16 | 1 1/4 | 4 3/4 | | TR0650920 | |
| 8 | 2 | 1100 | 23/16 | 13/16 | 5/8 | 4 | TR0820110 | | |
| 8 | 2 | 1100 | 23/16 | 13/16 | 3/4 | 4 | TR0820112~ | | |
| 8 | 3 | 1900 | 3 1/4 | 1 15/16 | 1 | 7 1/4 | TR0850116 | | |
| 8 | 3 | 1900 | 3 1/4 | 1 15/16 | 1 1/4 | 7 1/4 | TR0850120 | | |
| 8 | 3 | 1900 | 3 1/2 | 1 15/16 | 3/4 | 7 | | TR0850912 | |
| 8 | 3 | 1900 | 3 1/2 | 2 | 1 | 7 | | TR0850916 | |
| 8 | 3 | 1900 | 3 1/2 | 2 1 1/16 | 1 1/4 | 7 | | TR0850920 | |
| 10 | 3 | 2400 | 3 1/4 | 1 15/16 | 1 | 9 3/4 | TR1050116 | | |
| 10 | 3 | 2400 | 3 1/4 | 1 15/16 | 1 1/4 | 9 3/4 | TR1050120 | | |
| 10 | 3 | 2400 | 3 1/2 | 1 15/16 | 3/4 | 9 1/2 | | TR1050912 | |
| 10 | 3 | 2400 | 3 1/2 | 2 | 1 | 9 1/2 | | TR1050916 | |
| 10 | 3 | 2400 | 3 1/2 | 2 1 1/16 | 1 1/4 | 9 1/2 | | TR1050920 | |
| 12 | 3 | 2600 | 3 1/4 | 1 15/16 | 1 | 12 3/4 | TR1250116 | | |
| 12 | 3 | 2600 | 3 1/4 | 1 15/16 | 1 1/4 | 12 3/4 | TR1250120 | | |
| 12 | 3 | 2600 | 3 1/2 | 1 15/16 | 3/4 | 12 1/2 | | TR1250912 | |
| 12 | 3 | 2600 | 3 1/2 | 2 | 1 | 12 1/2 | | TR1250916 | |
| 12 | 3 | 2600 | 3 1/2 | 2 1 1/16 | 1 1/4 | 12 1/2 | | TR1250920 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 2 7/16" spanner and spacers included.

**Specially machined wheel built from 2 modified 3" tread width wheels.

TL Laminated Phenolic



TL wheels feature a laminated tread that is highly resistant to chipping or fraying. Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers. Color is brown with black core.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Brown with black core
- **Temperature Range:** -65°F to +250°F (+300°F intermittent)
- **Hardness:** Rockwell 102 E

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

40% greater capacity
compared to TM wheels

| Wheel Diameter (Inches) | | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller (01, 05, 07) | Wheel Number Tapered Roller (09) |
|-------------------------|---|----------------------|---|---------------------------------|-------------------------------|--------------------------------|-------------------|-------------------------------------|-------------------------------------|
| Phenolic (TR) | | | | | | | | | |
| 8 | 2 | 1750 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 5/8 | 4 | TL0820110 | | |
| 8 | 2 | 1750 | 2 ³ / ₁₆ | 1 ³ / ₁₆ | 3/4 | 4 | TL0820112~ | | |
| 8 | 3 | 3125 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 7 ¹ / ₄ | TL0850116 | | |
| 8 | 3 | 3125 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 7 ¹ / ₄ | TL0850120 | | |
| 8 | 3 | 3125 | 3 ¹ / ₂ | 1 ¹⁵ / ₁₆ | 3/4 | 7 | | TL0850912 | |
| 8 | 3 | 3125 | 3 ¹ / ₂ | 2 | 1 | 7 | | TL0850916 | |
| 8 | 3 | 6250 | 3 ¹ / ₂ | 2 ¹¹ / ₃₂ | 1 ¹ / ₄ | 7 | | TL0850920 | |
| 10 | 3 | 3625 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 9 ³ / ₄ | TL1050116 | | |
| 10 | 3 | 3625 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 9 ³ / ₄ | TL1050120 | | |
| 10 | 3 | 3625 | 3 ¹ / ₂ | 1 ¹⁵ / ₁₆ | 3/4 | 9 ¹ / ₂ | | TL1050912 | |
| 10 | 3 | 3625 | 3 ¹ / ₂ | 2 ¹¹ / ₃₂ | 1 ¹ / ₄ | 9-1/2 | | TL1050920 | |
| 12 | 3 | 4375 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 | 12 ³ / ₄ | TL1250116 | | |
| 12 | 3 | 4375 | 3 ¹ / ₄ | 1 ¹⁵ / ₁₆ | 1 ¹ / ₄ | 12 ³ / ₄ | TL1250120 | | |
| 12 | 3 | 4375 | 3 ¹ / ₂ | 1 ¹⁵ / ₁₆ | 3/4 | 12 ¹ / ₂ | | TL1250912 | |
| 12 | 3 | 4375 | 3 ¹ / ₂ | 2 | 1 | 12 ¹ / ₂ | | TL1250916 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
^ 2⁷/₁₆" spanner and spacers included.

TH/TS Economical

Straight Sided Phenolic

Made in the USA



TH/TS wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (+300°F intermittent)
- **Hardness:** Rockwell 102 E

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13
- For customization & special application options, please consult factory

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Read for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) |
|---|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|---|
| Straight Sided Phenolic (TH, TS) | | | | | | | | |
| 4 | 1 1/2 | 500 | 127/32 | 1 1/16 | 3/4 | 3/4 | | TS0410112 |
| 4 | 1 7/8 | 800 | 213/32 | 13/16 | 3/4 | 1 | | TS0420112 |
| 4 | 2 | 1000 | 23/16 | 13/16 | 1/2 | 1 3/4 | | TH0420108 |
| 4 | 2 | 1000 | 23/16 | 13/16 | 5/8 | 1 3/4 | | TH0420110 |
| 4 | 2 | 1000 | 23/16 | 13/16 | 3/4 | 1 3/4 | | TH0420112~ |
| 5 | 1 1/2 | 500 | 127/32 | 1 1/16 | 3/4 | 1 1/4 | | TS0510112~ |
| 5 | 1 7/8 | 1000 | 213/32 | 13/16 | 3/4 | 1 1/2 | | TS0520112 |
| 5 | 2 | 1200 | 23/16 | 13/16 | 1/2 | 2 1/4 | | TH0520108 |
| 5 | 2 | 1200 | 23/16 | 13/16 | 5/8 | 1/4 | | TH0520110 |
| 5 | 2 | 1200 | 23/16 | 13/16 | 3/4 | 2 1/4 | | TH0520112~ |
| 6 | 1 1/2 | 500 | 127/32 | 13/16 | 3/4 | 1 1/4 | | TS0610112 |
| 6 | 1 7/8 | 1200 | 213/32 | 13/16 | 3/4 | 1 3/4 | | TS0620112 |
| 6 | 2 | 1500 | 23/16 | 13/16 | 1/2 | 3 | | TH0620108 |
| 6 | 2 | 1500 | 23/16 | 13/16 | 5/8 | 3 | | TH0620110 |
| 6 | 2 | 1500 | 23/16 | 13/16 | 3/4 | 3 | | TH0620112~ |
| 8 | 1 7/8 | 1400 | 213/32 | 13/16 | 3/4 | 4 | | TS0820112 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

CASTER ACCESSORIES

Caster Brakes



Brakes for Medium & Heavy Duty Casters.....157-158
Brakes Kits.....158

Swivel Locks/Pads/Jacks



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Caster Brakes

Brakes for Medium and Heavy Duty Casters

16 FBA Face Brake



Available on 16 Series.
Step down to engage and release brake. Will not work with swivel locks.

| Part # | Dia. |
|----------|------|
| FB140400 | 4" |
| FB140500 | 5" |
| FB140600 | 6" |
| FB140800 | 8" |

FBB Face Brake



Available on 16, 18, 61, 62, 71, 72, 110, 170 Series.

| Part # | Arm Angle | Dia. |
|------------|-----------|------|
| WK060202WA | 55° | 6" |
| WK080202W | 75° | 8" |

Available on 81, 310, 370 Series.

| Part # | Dia. |
|------------|------|
| WK062525WA | 6" |
| WK082535W | 8" |
| WK102535W | 10" |
| WK122535W | 12" |

Available on 90, 410, 470 Series.

| Part # | Dia. |
|------------|------|
| WK060335WA | 6" |
| WK080335W | 8" |
| WK100335W | 10" |
| WK120335W | 12" |

FBC Face Brake



Available on 18, 100, 110, and 170 Series.

| Part # | Dia. |
|----------|------|
| FB180400 | 4" |
| FB180500 | 5" |
| FB180600 | 6" |
| FB180800 | 8" |

FBE Face Brake



Available on 16, 18, 61, 62, 71, 110 and 170 Series.

Works on 6" and 8" rigid casters.

| Part # | Dia. |
|----------|------|
| FB160400 | 4" |
| FB160500 | 5" |
| FB160600 | 6" |
| FB160800 | 8" |

FBG Stainless Steel Face Brake



Available on 120 Series stainless steel. Works on 6" and 8" rigid casters.

| Part # | Dia. |
|-----------|------|
| WK1200400 | 4" |
| WK1200500 | 5" |
| WK1200600 | 6" |
| WK1200800 | 8" |

FBK Steel Face Brake



| 28 Series Part # | Dia. | 38 Series Dia. |
|------------------|------|----------------|
| FB280400 | 4" | FB380600 6" |
| FB280500 | 5" | FB380800 8" |
| FB280600 | 6" | FB381000 10" |
| FB280800 | 8" | |

Works on 16, 18, 28, 110, 170, 62

Cam Brake



Available on 16, 18, 61, 62, 71, 72, 110 and 170 Series.

Works on swivel or rigid casters. Can be used with roller, Delrin, and Oilix bearings. May appear different on other series. Please note: Not all brake / bearing combinations will work – please consult factory.

| Part # | Description |
|---------|-------------|
| CAMXX2L | Long pedal |
| CAMXX2S | Short pedal |

Total Lock Brake



Available on 16 Series.
6" rig requires 7-1/2" HS60 option.

| Part # | Dia. |
|----------|------|
| TL160400 | 4" |
| TL160500 | 5" |
| TL160600 | 6" |
| TL160800 | 8" |

Integrated Poly Lock Brake



Available on 110, 310, 410, 600, 610 and 700 Series.

Laser cut design. Large poly brake pedal engages metal plate against wheel tread for positive braking. Brake can mount trailing or leading position (leading shown).

Caster Brakes

Brakes for Medium and Heavy Duty Casters (continued)

Poly Cam Brake



Available on all swivel and rigid casters. Integrated design available on select models.
Add **P** to end of the part number for factory orders.

Single Side Brake



Available on all swivel and rigid casters, except stainless. Right hand installation standard, left hand option available. Add **SSB** to end of part number for factory orders.

Double Side Brake



Available on all swivel and rigid casters, except stainless. Same as Single Side Brake, except brake on both sides. Add **DSB** to end of part number for factory orders.

Face Contact Brake



Available on all swivel and rigid casters, except stainless and spring loaded. Turn lever to apply shoe against wheel tread for positive locking action. Add **F** to end of part number for factory orders.

Swivel Locks



Welded Hand Operated

Hand activated or foot activated plunger can be disengaged for continuous swiveling or engaged for straight line traveling. Requires notched yoke base. **To order standard swivel lock installed on your caster, please refer to the individual caster series ACCESSORIES instructions.** For field installable locks, see chart at right to order correct swivel lock by series.



Field Installable Hand Operated



Field Installable Foot Operated

| Series | Factory Install Code | Hand Operated Part Numbers | Foot Operated Part Numbers |
|---------------------|----------------------|----------------------------|----------------------------|
| Swivel Locks | | | |
| 16 | L | SL16000013A | SL160002 |
| 18 | L | SL16000013A | N/A |
| 40 | L | SL16000013A | N/A |
| 42 | L | SL810000 | N/A |
| 44 | L | SL900000 | N/A |
| 62 | L | SL620000 | N/A |
| 72 | L | SL720000 | N/A |
| 81 | L | SL810000 | N/A |
| 90 | L | SL900000 | N/A |
| 110 | L | SL16000013A | SL160002 |
| 120 | L | SL1200000 | N/A |
| 170 | L | SL16000013A | SL160002 |
| 310 | L | SL3000000 | N/A |
| 330 | L | SL3300000 | N/A |
| 410 | L | SL4000000 | N/A |
| 610 | L | SL6000000 | N/A |

Consult factory for optional top plates and if yoke base is notched

Quick-Release Caster Pads



Albion quick-release caster pads make changing casters fast and easy.

- Simplifies caster replacement
- Install or replace casters with just one nut & bolt
- Unplated for easy welding to carts

| Description | Series | Caster Pad Number |
|----------------------------------|-------------------------------|-------------------|
| Quick Release Caster Pads | | |
| Fits 4" x 4 1/2" Top Plate | 16 | PC160000 |
| Fits 4" x 4 1/2" Top Plate | 18, 110 | PC110000 |
| Fits 4 1/2" x 6 1/4" Top Plate | 62, 63, 72, 16 Pattern K, 310 | PC620000 |

Leveling Jacks



- Retractable Folding Hand Crank
- Reinforced rubber pad on base
- Zinc plated for corrosion resistance
- For leveling, stabilizing and elevating portable equipment

| Overall Height | Min. Ht. Below Frame of Equipment | Max. Extended Ht. Below Frame of Equipment | Length of Screw Travel | Approx. Weight (lbs) | Part Number |
|-----------------------|-----------------------------------|--|------------------------|----------------------|-------------|
| Leveling Jacks | | | | | |
| 18" | 4 1/2" | 13 1/2" | 9" | 10 1/2 | LJ625000 |
| 26" | 4 1/2" | 21 1/2" | 17" | 12 1/2 | LJ622000 |

Field Installable Toe Guards



- Easy to install! No drilling or modification needed to fit existing casters
- Safety yellow powder coat finish
- Durable 1/4" steel construction
- 1/2" clearance from floor
- Made in the USA

| Caster Wheel Dia. | Tread Width | Recommended Series | Toe Guard Part Number |
|-------------------|-------------|--------------------|-----------------------|
| 4" | 2" | 28, 38, 110 | TGRD04X2 |
| 5" | 2" | 28, 38, 110 | TGRD05X2 |
| 6" | 2" | 28, 38, 110 | TGRD06X2 |
| | 3" | 310, 410 | TGRD06X3 |
| 8" | 2" | 28, 38, 110 | TGRD08X2 |
| | 3" | 310, 410 | TGRD08X3 |
| 10" | 3" | 310, 410 | TGRD10X3 |
| 12" | 3" | 310, 410 | TGRD12X3 |

Kit Comes With:

- High visibility toe guard
- Axle and axle nut
- Set allen screws specially designed to stabilize toe guard on fork

LE 16 Series ERGOnomic Floor Locks



| Caster Wheel Diameter (inches) | Caster Series Number | Caster Height (inches) | Retracted Clearance (inches) | Approx. Wt. (LBS) | Floor Lock Number |
|---------------------------------|----------------------|------------------------|------------------------------|-------------------|-------------------|
| LE ERGOnomic Floor Locks | | | | | |
| 6 | 16 | 7 1/4 | 1 1/2 | 3 3/4 | 16LE0680 |
| 8 | 16 | 9 1/2 | 1 1/2 | 3 3/4 | 16LE0880 |
| 6 | 110 | 7 1/2 | 1 1/2 | 3 3/4 | 110LE0680 |
| 8 | 110 | 10 1/8 | 1 1/2 | 3 3/4 | 110LE0880 |



Easy to engage. Simply push down on ergonomically designed extended pedal to activate.



Easy to disengage. Simply push down on top pedal to deactivate.

FEATURES

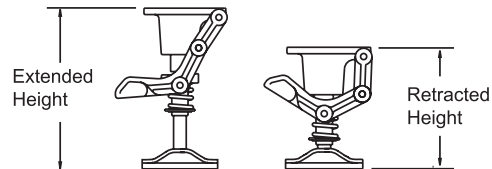
- Ergonomically designed extended pedals make this floor lock the best in the industry!
- Bright Safety Yellow powder coating
- Easy to operate – even with steel toed boots
- Top plate bolt hole spacing: same as 16 Series
- Brake Shoe: Large, non-skid, molded rubber for solid, no-slip contact
- Foot Pedal: Adjusted by slight foot pressure for simple, instant locking
- Finish: Corrosion resistant zinc plate and powder coating for long-use

LF Cast Iron Floor Locks

This floor lock allows you to immobilize equipment in any desired location, but does not interfere with its movement when not in use. Platform trucks, fixture dollies or other castered items can be locked in place by a simple press of the foot. Locking action is created when a large, round friction face of nearly 10 sq. inches in area is pressed against the floor with the force of 70 to 100 lbs. This position lock does not lift equipment.



| Caster Wheel Diameter (inches) | Extended Working Height (inches) | Retracted Height (inches) | Mounting Plate Size (inches) | Bolt Hole Spacing (inches) | Attaching Bolt Size (inches) | Approx. Wt. (LBS) | Floor Lock Number |
|---------------------------------|----------------------------------|---------------------------|------------------------------|----------------------------|------------------------------|-------------------|-------------------|
| LF Cast Iron Floor Locks | | | | | | | |
| 4 | 5 5/8 | 4 11/16 | 3 11/16 x 5 3/8 | 2-5/8 x 3 5/8 | 3/8 | 8 | 930LF0410U |
| 4 | 5 13/32 | 4 11/16 | 3 11/16 x 5 3/8 | 2 5/8 x 3 5/8 | 3/8 | 8 | 920LF0430U |
| 6 | 7 1/4 | 6 1/4 | 4 1/2 x 6 | 2 7/16 x 4 15/16 | 1/2 | 10 | 980LF0550S |
| 6 | 7 3/4 | 6 3/4 | 4 1/2 x 6 | 2 7/16 x 4 15/16 | 1/2 | 10 | 940LF0600U |
| 6 | 7 1/2 | 6 3/8 | 4 1/2 x 6 | 2 7/16 x 4 15/16 | 1/2 | 10 1/2 | 940LF06751 |



FEATURES

- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Painted

LF

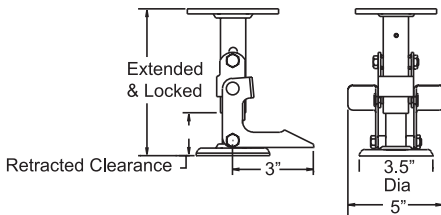
Standard Floor Locks



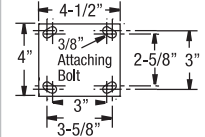
Designed to hold portable equipment in a desired location. Intended for use on level surfaces. Floor lock is activated by toe pressure on the extension pedal or released by toe touching one of the dual retractable brake pads. The large non-skid brake pad, under high spring compression, holds the portable piece of equipment until released. For best results, units should be used in pairs.

FEATURES

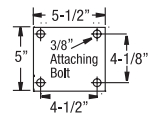
- **Top Plate:** Steel matching regular caster tops for easy installation
- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Corrosion resistant zinc plating for long-use



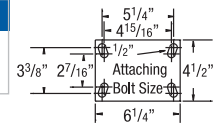
| Caster Wheel Diameter (Inches) | | Caster Series Number | Caster Height (Inches) | Retracted Clearance | Approx. Wt. (LBS) | Floor Lock Number |
|---------------------------------|--------|----------------------|------------------------|---------------------|-------------------|-------------------|
| 16/71 Series Floor Locks | | | | | | |
| 4 | 16, 71 | 55/8 | 3/4 | 3 1/4 | 16 | 16LF0480 |
| 5 | 16, 71 | 6 1/2 | 3/4 | 3 1/2 | 16 | 16LF0580 |
| 6 | 16 | 7 1/4 | 3/4 | 3 1/2 | 16 | 16LF0680 |
| 6 | 71 | 7 1/2 | 3/4 | 3 3/4 | 16 | 71LF0680 |
| 8 | 16 | 9 1/2 | 3/4 | 4 | 16 | 16LF0880 |
| 8 | 71 | 10 1/8 | 3/4 | 4 1/2 | 16 | 71LF0880 |



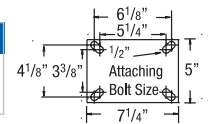
| Caster Wheel Diameter (Inches) | | Caster Series Number | Caster Height (Inches) | Retracted Clearance | Approx. Wt. (LBS) | Floor Lock Number |
|---------------------------------|--------|----------------------|------------------------|---------------------|-------------------|-------------------|
| 12/61 Series Floor Locks | | | | | | |
| 4 | 12, 61 | 55/8 | 9/16 | 4 | 12 | 12LF0480 |
| 5 | 12, 61 | 6 1/2 | 1 | 4 1/4 | 12 | 12LF0580 |
| 6 | 12, 61 | 7 3/8 | 1 | 4 1/4 | 12 | 12LF0680 |
| 8 | 12, 61 | 9 1/2 | 1 | 4 3/4 | 12 | 12LF0880 |



| Caster Wheel Diameter (Inches) | | Caster Series Number | Caster Height (Inches) | Retracted Clearance | Approx. Wt. (LBS) | Floor Lock Number |
|--|----------------|----------------------|------------------------|---------------------|-------------------|-------------------|
| 62, 63, 72, 81 Series Floor Locks | | | | | | |
| 6 | 62, 63, 72, 81 | 7 1/2 | 1 | 4 1/4 | 62 | 62LF0680 |
| 8 | 62, 63, 72, 81 | 10 1/8 | 1 | 4 1/2 | 62 | 62LF0880 |



| Caster Wheel Diameter (Inches) | | Caster Series Number | Caster Height (Inches) | Retracted Clearance | Approx. Wt. (LBS) | Floor Lock Number |
|--------------------------------|----|----------------------|------------------------|---------------------|-------------------|-------------------|
| 90 Series Floor Locks | | | | | | |
| 6 | 90 | 8 | 1 | 6 | 90 | 90LF0680 |
| 8 | 90 | 10 1/2 | 1 | 6 1/2 | 90 | 90LF0880 |



Turntables



| Turntable Description | Top Plate Size (Inches) | | Overall Height (Inches) | Capacity (LBS) | Part Number |
|-----------------------|-------------------------|-------|-------------------------|----------------|-------------|
| | Width | Depth | | | |

| | | | | | |
|---|--------|--------|--------|-------|-----------------|
| Shockmaster Turntables | | | | | |
| 1/2" thick mounting plates, 3/4" ball bearings (4-1/2" raceway) | 6 1/4" | 7 1/4" | 2 3/4" | 10000 | TT600000 |
| 1/2" thick mounting plates, 3/4" ball bearings (7" raceway) | 8 1/2" | 8 1/2" | 3 1/8" | 20000 | TT700000 |

| | | | | | |
|---|--------|--------|----------|------|-----------------|
| Turntables | | | | | |
| 1/4" thick mounting plates, 3/8" ball bearings | 4" | 4 1/2" | 1 17/32" | 1400 | TT110000 |
| 5/16" mounting plates, 1/2" ball bearings | 4 1/2" | 6 1/4" | 1 3/4" | 4100 | TT310000 |
| 3/8" thick mounting plates, 1/2" ball bearings | 5 1/4" | 7 1/4" | 1 3/4" | 5400 | TT410000 |
| 1/2" thick mounting plates, 3/4" ball bearings (4-1/2" raceway) | 6 1/4" | 7 1/4" | 2 25/32" | 9500 | TT610000 |

APPLICATIONS

- Manufacturing
- Packaging
- Assembly
- Repairs
- Material Handling
- Displays
- Painting
- More ...

Replacement Parts

Axle and Bearing Components for Standard Models (Consult factory for parts not in this chart)

| Caster Number | Wheel Hub Length (Inches) | Axle Hollow | Axle Solid | Nut | Lock Nut | Spanner Bushing | Lock Washer | Roller Bearing | Plain Retaining Washer | Sealed Retaining Washer | Nylon Sealed Combo-Washer | Metal Combo-Washer | Thrust Washer |
|---|----------------------------------|--------------|-------------|--------------|--------------|-----------------|-------------|----------------|------------------------|-------------------------|---------------------------|--------------------|---------------|
| 16, 18, 28, 38, 40, 61, 62, 71, 72, 110, 170, 141 | 2 ³ / ₁₆ " | 05953.75 | ZJ085403 | 67260.15 | NL082000 | 52000.08 | | 32084.30 | 52006.79 | WA121990 | WA121905 | 30116.02 | WA122600 |
| 120 | 2 ³ / ₁₆ " | AXLEZRKEX2SS | AXLESLEX2SS | AXLENUTEX2SS | SPANNEREX2SS | | | BRGCROLLEX2SS | WA121904 | WA121990 | WA121905 | | WA122603 |
| 42, 62, 72 | 2 ³ / ₄ " | ZJ086400 | ZJ086403 | | NL082000 | ZF081248 | | ZB121940 | 52006.79 | WA121990 | WA121905 | 30116.02 | WA122600 |
| 44, 81, 90, 310, 410, 610 | 3 ¹ / ₄ " | ZJ127600 | | NL121001 | | ZF121657 | | ZB163148 | WA163103 | WA163190 | | WA163199 | WA163900 |
| 330 | 3 ¹ / ₄ " | ZJ12801001 | | NJ121000 | | ZF12165703 | WA122006 | ZB16314803 | WA16310304 | | | | WA16390005 |
| 600 | 3 ¹ / ₄ " | | ZJ16149604 | | NL161403 | ZF162073 | | ZB203148 | WA203103 | | | | WA204800 |
| 90 | 4 ¹ / ₄ " | ZJ169601 | | | NL161403 | ZF162073 | | | WA203903 | | | | WA204800 |
| 600, 610 | 4 ¹ / ₄ " | | ZJ16149604 | | NL161403 | ZF162073 | | ZB203964 | WA203903 | | | | WA204800 |

Axles and Nuts

| | Diameter | Length |
|--------------------|----------|-------------------------------|
| Axle Hollow | | |
| AXLEZRKEX2 | 1/2 | 3 ³ / ₈ |
| ZJ127600 | 3/4 | 4 ³ / ₄ |
| Axle Solid | | |
| ZJ085403 | 1/2 | 3 ³ / ₈ |
| ZJ127603 | 3/4 | 4 ³ / ₄ |
| Nut | | |
| AXLENUTEX2 | | |
| NL121001 | | |
| AXLENUTEX2 | | |
| NL121001 | | |
| Nut Solid | | |
| NL082000 | | |
| NL121001 | | |



Solid Axle & Nut
ZJ085409
Shown



Hollow Axle & Nut
ZJ085408
Shown

Bearings

| Part Number | Bearing ID | Bearing OD | Bearing Length | Bearing Type |
|-------------|-------------------------------|---------------------------------|-------------------------------|------------------------|
| BRGROLLEX2 | 3/4 | 1 ³ / ₁₆ | 1 ⁷ / ₈ | Roller |
| 55000.22 | 3/4 | 1 ³ / ₁₆ | 1 ⁷ / ₈ | Caged Roller |
| ZB163148 | 1 | 1 ¹⁵ / ₁₆ | 3 | Roller |
| ZT082200 | 1/2 | 1 ³ / ₈ | | Tapered |
| ZT123100 | 3/4 | 1 ¹⁵ / ₁₆ | | Tapered |
| ZT163200 | 1 | 2 | | Tapered |
| ZT163900 | 1 | 2 ⁷ / ₁₆ | | Tapered |
| ZT203900 | 1 ¹ / ₄ | 2 ⁷ / ₁₆ | | Tapered |
| ZT203920 | 1 ¹ / ₄ | 2 ¹¹ / ₃₂ | | Tapered |
| BRGPBALLEX2 | 1/2 | 1 ³ / ₁₆ | 1 ¹ / ₄ | Pedestal Precision |
| ZA123102 | 3/4 | 1 ¹⁵ / ₁₆ | 1 ⁵ / ₈ | Pedestal Precision |
| BRGDELRNEX2 | 3/4 | 1 ³ / ₁₆ | | Flanged Delrin Bearing |



Roller Bearing
ZB121930
Shown



Tapered Roller Bearing



Delrin



Pedestal Precision Ball



Precision Ball

Spanners

| Spanners | Bushing ID | Bushing OD | Bushing Length |
|------------|------------|------------|-------------------------------|
| SPANNEREX2 | 1/2 | 3/4 | 2 ¹ / ₄ |
| ZF121657 | 3/4 | 1 | 3 ¹ / ₂ |



Spanner Bushing
ZF081239
Shown

Washers

| Washers | Washer ID | Washer OD | Washer Type |
|-------------|-----------|---------------------------------|--------------------------|
| WHLCAPPLEX2 | 3/4 | 1 ³ / ₁₆ | Retaining Washer Plastic |
| WHLCAPSTEX2 | 3/4 | 1 ³ / ₁₆ | Retaining Washer Steel |
| WA121905 | 3/4 | 1 ³ / ₁₆ | Nylon Combo |
| WA163199 | 1 | 1 ¹⁵ / ₁₆ | Sintered Washer |



Metal Step Retaining Thrust Washer



Nylon Sealed Retaining Thrust Washer
WA121905
Shown



Sealed Retaining Thrust Washer

Replacement Parts



Tapered Roller Bearing

Tapered Roller Bearing and Spacers

| Kit Number | Bearing ID (Inches) | Bearing OD (Inches) | Spacer Number | Spacer ID (Inches) | Spacer OD (Inches) | Spacer Length (Inches) |
|------------|---------------------|---------------------|---------------|--------------------|--------------------|------------------------|
| ZT082200 | 1/2 | 13/8 | ZM082800 | 1/2 | 13/4 | 3/18 |
| ZT123100 | 3/4 | 15/16 | ZY121600 | 3/4 | 1 | 9/32 |
| ZT163200 | 1 | 2 | ZY162004 | 1 | 11/4 | 9/32 |
| ZT163900 | 1 | 27/16 | ZY162005 | 1 | 11/4 | 5/16 |
| ZT203900 | 11/4 | 27/16 | ZY202406 | 11/4 | 11/2 | 11/32 |
| ZT203920 | 11/4 | 27/16 | ZY202404 | 11/4 | 11/2 | 9/32 |
| ZT205000 | 11/4 | 31/8 | ZY202606 | 11/4 | 15/8 | 3/8 |
| ZT244100 | 11/2 | 29/16 | ZY242806 | 11/2 | 13/4 | 13/32 |
| ZT245000 | 11/2 | 31/8 | ZY242806 | 11/2 | 13/4 | 13/32 |



Industrial Ball



Stainless Pedestal Precision Ball



Precision Ball Stainless

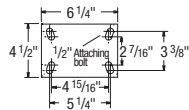
Other Bearing Types

| Kit Number | Bearing ID (Inches) | Bearing OD (Inches) | Spacer Number | Spacer ID (Inches) | Spacer OD (Inches) |
|---------------|---|---------------------|---------------|--------------------|--------------------|
| ZA081900 | Industrial Ball | 1/2 | 13/16 | 13/16 | |
| ZA081902 | Industrial Ball | 1/2 | 13/16 | 27/16 | |
| 57703.11 | Pedestal Precision Ball | 1/2 | 13/16 | 11/4 | |
| BRGPBALLEX2SS | Stainless Steel Pedestal Precision Ball | 1/2 | 13/16 | 11/4 | |
| ZA112500 | Precision Ball | 21/32 | 19/16 | 14/32 | |
| ZT203920 | 11/4 | 27/16 | ZY202404 | 11/4 | 11/2 |
| ZT205000 | 11/4 | 31/8 | ZY202606 | 11/4 | 15/8 |
| ZT244100 | 11/2 | 29/16 | ZY242806 | 11/2 | 13/4 |
| ZT245000 | 11/2 | 31/8 | ZY242806 | 11/2 | 13/4 |

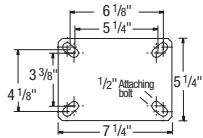
Top Plate and Bolt Hole Center Charts

| F & G Bolt Hole Centers (Inches) | D & E Top Plate Size (Inches) | Attaching Bolt (Inches) | Series 16, 110, 120, 141, 410, 415, S410 | Series 310, 315, S310, 330 | Series 95 |
|--|-------------------------------|-------------------------|--|----------------------------|-----------|
| Slotted for 33/8 x 51/4 to 27/16 x 415/16" | 41/2 x 61/4 | 1/2 | K | | |
| Slotted for 41/8 x 61/8 to 33/8 x 51/4 | 51/4 x 71/4 | 1/2 | | P | |
| 7 x 93/4 | 81/2 x 11 | 5/8 | | | T |

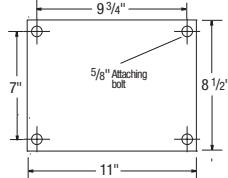
K Plate



P Plate



T Plate



Optional Overall Heights

| Series | Wheel Diameter (Inches) | Optional Height (Inches) | Swivel Lead (Inches) | Swivel Option Number | Rigid Option Number |
|--------|-------------------------|--------------------------|----------------------|----------------------|---------------------|
| 16 | 3 1/4 | 5 1/4 | 1 11/16 | HS42 | HR42 |
| 16 | 4 | 5 1/4 | 1 11/16 | HS86 | HR86 |
| 16 | 5 | 6 1/8 | 1 11/16 | HS50 | HR50 |
| 16 | 5 | 6 3/4 | 1 3/4 | HS54 | HR54 |
| 16 | 6 | 6 7/8 | 2 1/2 | HS56 | HR56 |
| 16 | 6 | 7 3/8 | 1 3/4 | HS59 | HR59 |
| 16 | 6 | 7 1/2 | 1 7/8 | HS60 | HR60 |
| 62 | 6 | 7 3/4 | 1 3/4 | HS85 | HR85 |
| 16 | 8 | 10 | 1 3/4 | HS81 | HR81 |
| 62 | 8 | 9 1/2 | 2 1/4 | HS76 | HR76 |
| 62 | 8 | 9 3/4 | 1 3/4 | HS83 | HR83 |
| 63 | 8 | 9 1/2 | 2 1/4 | HS84 | HR84 |
| 110 | 8 | 9 1/2 | 2 1/4 | S01 | R01 |
| 170 | 8 | 9 1/2 | 2 1/4 | S01 | R01 |
| 120 | 8 | 9 1/2 | 2 1/4 | S01 | R01 |

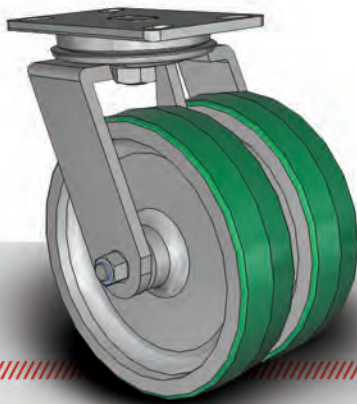
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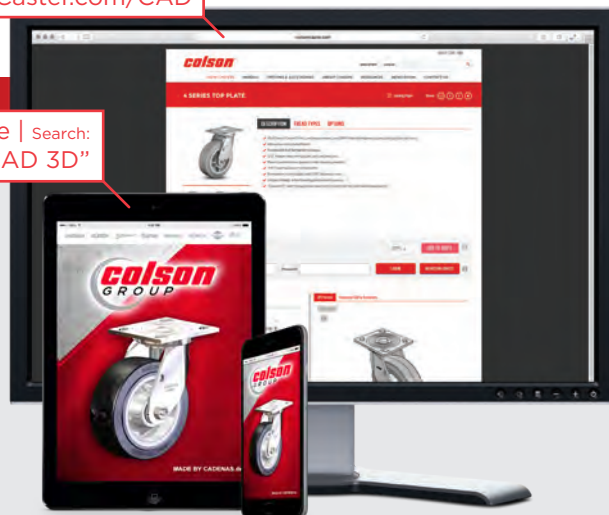
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How to Select Your Caster & Wheel

How to Select the Proper Caster & Wheel
p. 6

Understanding our Model Numbers
p. 7

Wheel Selection Guide
p. 8-9

1 Series

Page: 10-19



Wood Furniture p. 10



Expanding Adapter p. 11



Grip Ring p. 12-13



Threaded p. 14-15



Square p. 16



Plate p. 17-19

Tread Width: 7/8"

Wheel Diameters: 1-5/8", 2", 3", 4" and 5"

Capacity: 60 lbs to 145 lbs each

Brake: Side lock

2 Series

Page: 20-37



Plate p. 20-21



Threaded p. 22-23



Grip Ring p. 24-25



Expanding Adapter p. 26-27



Modular p. 28-29



Square p. 30-31



Pipe Thread p. 32-33



Convertible Hand Truck p. 34



LoPro p. 34



Encore Dolly p. 35



Stainless p. 36-37

Tread Width: 1-1/4" to 1-15/32"

Wheel Diameters: 2-1/2", 3", 3-12", 4" and 5"

Capacity: 125 lbs to 350 lbs each

Brakes: Top lock, total lock, direction lock, tech lock

3 Series

Page: 38-41



Plate p. 38-39



Square p. 40-41



Round p. 40-41

Tread Width: 1-1/2"

Wheel Diameters: 3", 4", 5" and 6"

Capacity: 250 lbs to 400 lbs each

Brake: Top lock

4 Page: 42-48
Series



Plate p. 42-45 Defender Stainless p. 46-47 Business Machine p. 48

Tread Width: 1-1/2" or 2" **Wheel Diameters:** 3", 3-1/4", 4", 5", 6" and 8"
Capacity: 225 lbs to 2,000 lbs each **Brakes:** Tech lock, total lock, top lock, tread lock, side lock, swivel locks

6 Page: 50-51
Series



Plate p. 50-51

Tread Width: 2" or 2-1/2" **Wheel Diameters:** 4", 5", 6", 8" and 10"
Capacity: 300 lbs to 2,000 lbs each **Brakes:** Tread lock, side lock, swivel locks

Wheels Page: 52-82



Rubber & Thermoplastic p. 55-66 Polyurethane p. 67-73 HydroTech TPE p. 74 Nylon p. 75-77 Polyolefin p. 78-79 Phenolic p. 80-81 Cast Iron p. 82-84 Encore Handtruck p. 85

NEW
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INTRODUCING... the ultimate TPE wheel for the outdoors (page 74)

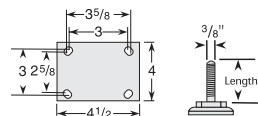
Polyurethane 2" wide wheels
NEW
Page 69

New 2 Series Wheel Models
NEW
Page 64

Parts and Accessories Page: 86-95



Mountings and Thread Guards Page: 96-98



How to Select the Proper Caster & Wheel

There is no simple formula or rule that can be followed in selecting the proper casters. Many varying and individual factors must be balanced to make the selection that will do the best job for you. The following are several of the more important considerations.

Load Weight. The heavier the load, the larger the wheel required for the caster. The weight of the load also influences the mobility of the wheel. Roller or ball bearings are recommended for loads over 400 pounds. Weight capacities are shown for each caster in this catalog.

Floor Conditions. Make sure the wheel you select is large enough to pass over cracks in the floor, tracks, moldings and other obstructions. For floor protection on linoleum, tile, carpet, etc., use polyurethane or Performa rubber wheels.

Unusual Conditions. Each wheel material has certain characteristics which will give the best results where unusual conditions exist. For example, where acids, oils, chemicals and other conditions harmful to rubber are present, Colson polyurethane, polyolefin, Maxim, phenolic or steel wheels are recommended. Check conditions, then select the caster and wheel.

Rolling Ease. The larger the wheel diameter, the easier it rolls. To maximize ergonomics and rolling ease, use Precision Ball Bearings where available. When possible, use the largest ball bearing wheel for best results.

Extreme Climates. Room temperatures are no problem for most casters, but extreme cold or heat can be a problem. Colson helps solve this problem with "Colson 45"—the green lube which assures caster rolling ease from 45°F below zero to 260°F above. It's standard on most Colson casters. (**Note:** Some wheel types should not be used in extreme temperature ranges. Consult factory.)

Your Local Distributor. Colson casters are available from stocking distributors across the U.S., Canada, & Mexico. Each is a caster specialist who can help you select the proper caster to suit your needs. Visit our website (www.colsoncaster.com), or contact us for details at 1-800-643-5515.

How to Select

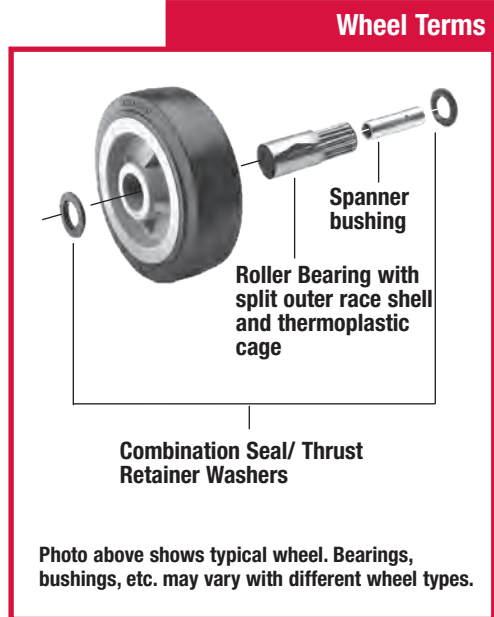
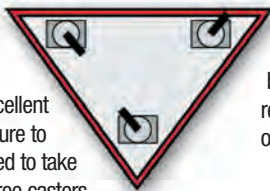


Photo above shows typical wheel. Bearings, bushings, etc. may vary with different wheel types.

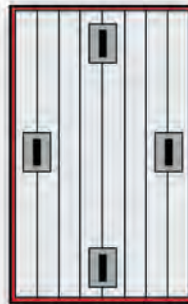
Caster Combinations for Trucks

In building, repairing and refurbishing mobile equipment, various effective caster combinations may be used. Several types of mountings are illustrated below.

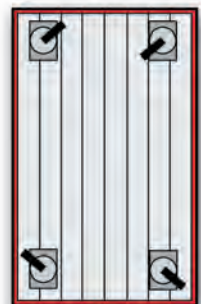
Three Swivel. For barrel dollies and small portable machines. Affords excellent maneuverability. Be sure to select casters designed to take the weight load on three casters rather than the usual four.



Tilt Mounting. A tilt mounting is the most economical, but should be limited to lighter loads. The tilt is best when the load wheels are 1/8" taller than the balance wheels. Not recommended for use on ramps.



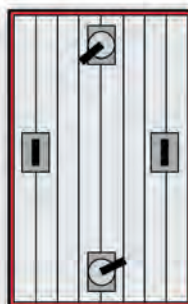
Four Swivel. Where a side motion is frequently needed, the four swivel arrangement is excellent. If the casters are equipped with swivel locks, this mounting is also practical for long straight travel as well as use on ramps. A most versatile arrangement.



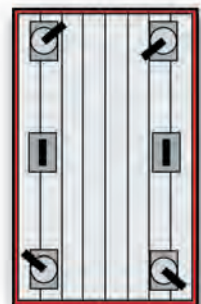
Two Rigid, Two Swivel. Most practical and inexpensive arrangement for straight and/or long distances. Can be used for heavy or medium loads, depending upon the weight capacity of the casters selected.



Diamond Mounting. Two rigid and two swivel casters, but the diamond shaped mounting greatly increases maneuverability. This mounting is not recommended for ramps.



Four Swivel, Two Rigid. This is a level mounting design for heavy loads and long trucks. The two rigid casters help to distribute and reduce the load on the swivel units and thereby maintain good maneuverability and easy steering.



Caster Model Number

PREFIX

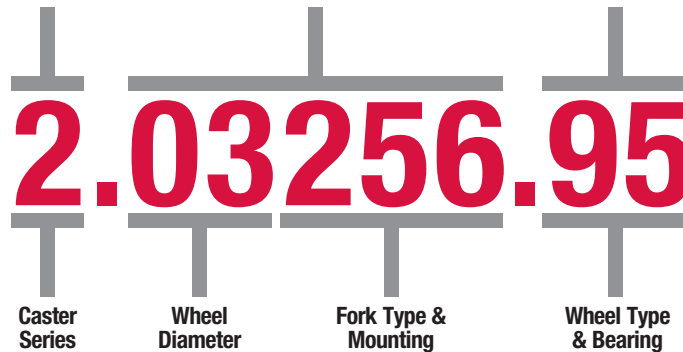
The prefix number shows the caster Series: 1 thru 8 Series with capacities ranging from 60 lbs to 6,000 lbs each.

BODY

The body number shows the wheel diameter and type of fork mounting (swivel, rigid, stem).

SUFFIX

The suffix number shows the type of wheel material and bearing.



The above caster model number is a 2 Series caster with swivel top plate fork and polyurethane tread wheel (HI-TECH).

Note: The replacement fork model number is the same as above except the wheel suffix is not included (For example 2.03256).

Wheel Model Number

PREFIX

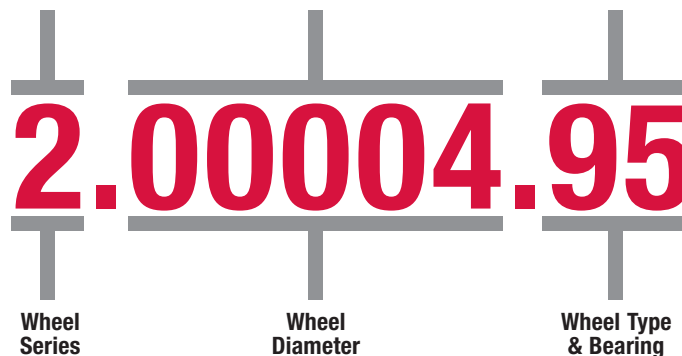
The prefix number shows the wheel Series: 1 thru 8 Series ranging from 60 lbs up to 7,200 lbs each.

BODY

The body number shows the wheel diameter.

SUFFIX

The suffix number shows the type of wheel material and bearing, and when applicable, the wheel tread width.



The above wheel model number is a 2 Series wheel with a diameter of 4", made with polyurethane tread and ball bearing.

Note: The diameter code is usually, but not always the diameter of the wheel (for example, the diameter code 3 could denote 3", 3 1/4" and 3 1/2" wheels). Please check wheel chart for actual diameter of wheel.

IMPORTANT NOTICE • CAPACITY RATINGS

Caster and wheel capacities shown in this catalog are based on normal operating conditions as defined by the Institute of Caster and Wheel Manufacturers (ICWM). Normal operating conditions, as defined by the ICWM, consist of manual operations on a relatively smooth surface (such as concrete) with normal minor obstacles. All bearings must be properly lubricated. Conditions of excessive temperature and/or dirt will reduce ratings. **Do not exceed the capacity ratings published in this catalog.**

CUSTOMER RESPONSIBILITIES

1. If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race.
2. The stem shoulder must fit tightly against the customer equipment.
3. It is the customer's responsibility to mount the caster in a workmanlike manner so there will be no risk to operator safety.
4. It is the customer's responsibility to determine the fitness of the caster for its application.

Please work with your sales representative for compliance requirements on a part specific basis.

Wheel Selection

FLOOR SURFACES

Wheel Selection Guide

| WHEEL TYPE | CAPACITY (LBS EACH) | TEMPERATURE RANGE* (FAHRENHEIT) | FLOOR SURFACES | | | | | | | | | | |
|-----------------------|---------------------|---------------------------------|----------------|-------|----------|----------|---------|----------|------|--------------|--------------|------|---|
| | | | CARPET | BRICK | CONCRETE | LINOLEUM | ASPHALT | TERRAZZO | WOOD | SMOOTH STEEL | RIBBED STEEL | TILE | |
| Performa Rubber® | 60 → 1700 | -45° to +180° ¹ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Moldon Rubber | 400 → 500 | -45° to +160° | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Moldon Polyurethane | 700 → 1500 | -45° to +180° | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Polyurethane HI-TECH® | 100 → 1700 | -45° to +180° | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Endura® | 1000 → 1200 | -45° to +230° | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Moldon Nylon | 1000 → 1500 | -45° to +180° | ✓ | ✓ | ✓ | | | | | | ✓ | ✓ | |
| Maxim® | 600 → 1400 | -45° to +180° | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Thermo® | 300 → 1100 | -70° to +525° ³ | ✓ | ✓ | ✓ | | | | | | ✓ | ✓ | |
| Polyolefin | 75 → 900 | -45° to +180° | ✓ | ✓ | ✓ | | | | | | ✓ | ✓ | |
| Phenolic | 300 → 1400 | -45° to +180° | ✓ | ✓ | ✓ | | | | | ✓ | ✓ | | |
| Cast Iron | 200 → 1200 | -45° to +500° | | | ✓ | | | | | | ✓ | | |
| V-Groove | 800 → 6000 | -45° to +500° | | | ✓ | | | | | | ✓ | | |

¹ 180° intermittent service; 120° continuous service
² 525° intermittent service; 490° continuous service
³ 525° intermittent service; 480° continuous service

*See Wheel Section (pages 52-85) for information regarding higher operating temperature ranges.

Performa Chemical Chart

| Substance | Rating | Substance | Rating | Substance | Rating | Substance | Rating |
|--------------------------------|--------|-------------------------------|--------|-------------------|--------|------------------------|--------|
| Organics & Solvents | | Methyl ethyl ketone | F | Acetic, 75% | G | Alkalies | |
| Acetone | G | Oakite (floor cleaner) | E | Acetic, glacial | G | Tartaric | F |
| Alcohol, butyl | G | Orangeve | X | Boric | G | Ammonium hydroxide | G |
| Alcohol, ethyl | G | Naptha | F | Butyric | G | G | |
| Alcohol, methyl | G | Nitrobenzene | X | Chromic | F | Calcium hydroxide | G |
| Aniline | G | Phenol | X | Citric | G | Potassium hydroxide | G |
| Benzene | X | Toluene | X | Fluoboric | G | Sodium hydroxide | G |
| Bravo (wax stripper diluted) | E | Trichloroethylene | X | Hydrobromic, 25% | G | Acids | |
| Carbon disulfide | X | Varsol | X | Hydrochloric, 10% | F | Acid salts | G-F |
| Carbon tetrachloride | X | Vestalene (detergent diluted) | E | Hydrofluoric | G | Alkaline salts | G |
| Chlorobenzene | X | Urine | E | Lactic | F | Neutral salts | G |
| Chloroform | X | Gases | | Nitric, 5% | G | Miscellaneous salts: | |
| Colson 45 lubricant | G | Carbon dioxide | G | Nitric, 65% | X | Potassium dichromate | G |
| Enclean SS-2 (parts cleaner) | X | Carbon monoxide | G | Oleic | G | Potassium permanganate | G |
| Ethyl acetate | F | Chlorine, wet | F | Oleum | X | Salt water | G |
| Ethylene chloride | G | Chlorine, dry | F | Oxalic | G | Sodium cyanide | G |
| Ethylene dichloride | F | Hydrogen sulfide | G | Phosphoric, 25% | G | Sodium ferricyanide | G |
| Ethyl ether | G | Sulfur dioxide, wet | F | Phosphoric, 85% | G | Sodium hypochlorite | G |
| Formaldehyde, 37% | G | Sulfur dioxide, dry | F | Sulfuric, 10% | G | | |
| Gasoline | X | Acids | | Sulfuric, 78% | F | | |
| Heptane | X | Acetic, 10-50% | G | Tannic | G | | |
| Methylene chloride | X | | | | | | |

E=Excellent G=Good F=Fair X=Unacceptable

IMPORTANT NOTICE • CHEMICAL RESISTANCE CHART GUIDELINES

This chart lists an extensive range of chemicals, solvents and gases. Examine the listings in this chart to determine if your application is considered compatible with Performa wheels. Ratings are at 72°F. Concentrations of aqueous solutions

are saturated except where noted. Information in this chart is based on laboratory tests and results may vary in actual caster applications. Field testing is recommended to confirm compatibility with your particular application. For information on the compatibility of other fluids and chemicals, please contact the factory.

OPERATING CONDITIONS

Wheel Selection Guide

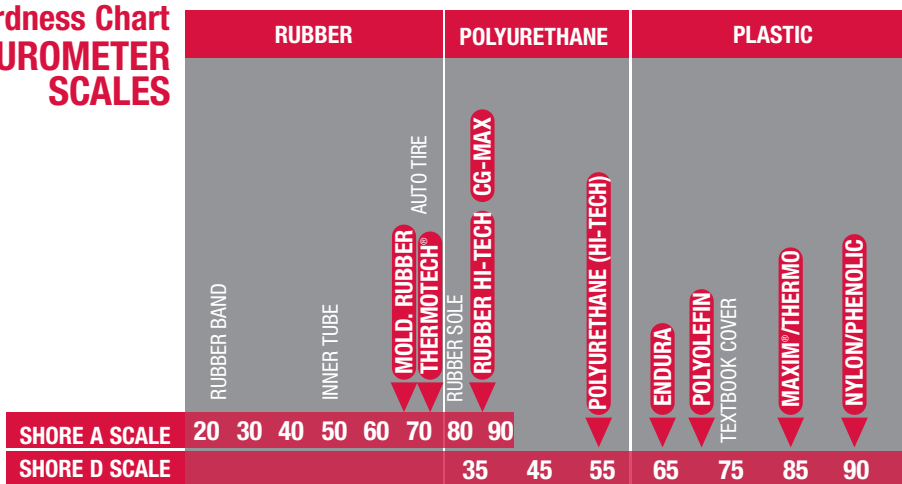
| | WATER | STEAM | MILD CHEMICALS*** | OIL & GREASE | METAL CHIPS | HIGH HEAT (+250°F) | EXTREME COLD (-45°F) | ANIMAL FATS | NOISE REDUCTION | FLOOR PROTECTION | CUSHION LOAD | DURO-METER RATINGS | CATALOG PAGE NUMBER | WHEEL TYPE |
|-----|-------|-------|-------------------|--------------|-------------|--------------------|----------------------|-------------|-----------------|------------------|--------------|--------------------|---------------------|-----------------------|
| ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | 65(±5)A | 55-63 | Performa® Rubber |
| ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | 70(±5)A | 66 | Moldon Rubber |
| ✓** | | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | | 45(±5)D | 67, 72 | Moldon Polyurethane |
| ✓** | | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | | 55(±5)D | 68-71 | Polyurethane HI-TECH® |
| ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | 63(±5)D | 73 | Endura® |
| ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | | | | | 70(±5)D | 75 | Moldon Nylon |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | 85(±5)D | 76 | Maxim® |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | 85(±5)D | 77 | Thermo® |
| ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | ✓ | | | 70(±5)D | 78-79 | Polyolefin |
| | | ✓ | ✓ | | ✓ | ✓ | ✓ | | | | | 90(±5)D | 79-81 | Phenolic |
| | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | - | 82-83 | Cast Iron® |
| | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | - | 84 | V-Groove |

Intermittent contact at room temperature only. *Consult factory for harsh chemicals.

¹ Red crowned tread: 75(±5) Shore A, Brown crowned tread 90(±5) Shore A, Red round tread: 89(±5) Shore A, Blue round tread 95(±5) Shore A.

The above chart is designed to provide the user with a general comparison of Colson wheel types under a variety of floor surfaces and operating conditions. For specific applications or unusual conditions, please consult factory.

**Wheel Hardness Chart
DUROMETER
SCALES**



How To Select Wheel

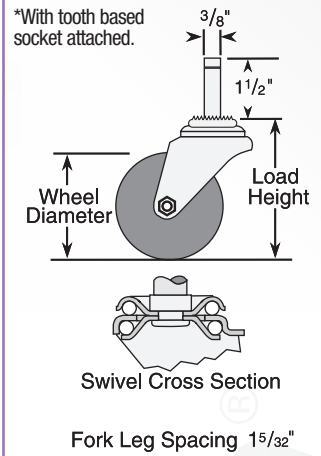
1 Series

WOOD FURNITURE STEM

Capacity up to **75 lbs each**



Standard Dimensions*



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- For use on wood furniture that can accept a 3/8" diameter hole approximately 1 5/8" deep
- **Stem Size:** 5/16" diameter x 1 1/2" long grip neck
- Standard No. 20 pressed steel adapter (Part #50011) with toothed base is supplied

Colson 1 Series Casters • Wood Furniture Stem • Capacity to 75 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 1 5/8" | 7/8" | 60 | Perfoma Rubber | Delrin | 1.01652.441 | 2 1/2" | 1 3/4" | 1/2 |
| | | 75 | Polyolefin | Delrin | 1.01652.52 | 2 1/2" | 1 3/4" | 1/2 |
| 2" | 7/8" | 75 | Perfoma Rubber | Delrin | 1.02252.441 | 2 11/16" | 1 15/16" | 1/2 |
| | | | Polyolefin | Delrin | 1.02252.52 | 2 11/16" | 1 15/16" | 1/2 |
| | | | Cushion Rubber | Ball | 1.02252.45 | 2 11/16" | 1 15/16" | 1/2 |
| | | | Hard Rubber | Ball | 1.02252.55 | 2 11/16" | 1 15/16" | 1/2 |
| 3" | 7/8" | 75 | Perfoma Rubber | Delrin | 1.03052.441 | 3 13/16" | 2 9/16" | 3/4 |
| | | | Polyurethane HI-TECH | Delrin | 1.03052.91 | 3 13/16" | 2 9/16" | 3/4 |
| | | | Polyolefin | Delrin | 1.03052.53 | 3 13/16" | 2 9/16" | 3/4 |

Caster Brake



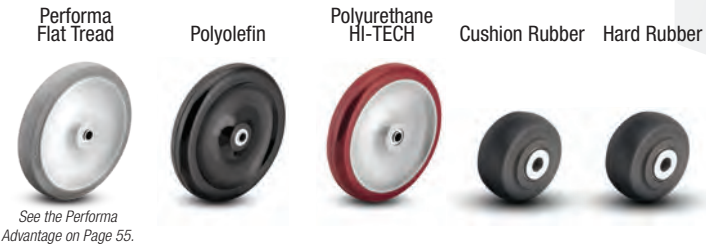
Side Lock
(See page 86) Available on all 3" models. Field installable (Specify **BRK3**; Example: 1.03052.53 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 1.01652).

Wheel Selection



Wheel Option

Thread Guards
(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01652.441 TG1).



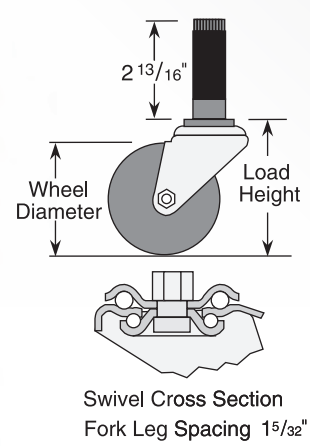
1 Series

EXPANDING ADAPTER STEM

Capacity up to **145 lbs each**



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Turning of octagon on upper raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit
- To order, select caster model number and specify stem adapter size by code number from mounting options chart at bottom right

Colson 1 Series Casters • Expanding Adapter Stem • Capacity to 145 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Stem Caster Models* | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|---------------------|---------------------------------|-----------------------------------|-------------------------------|
| 3" | 7/8" | 100 | Polyurethane HI-TECH | Delrin | 1.03367.91 | 3 ⁷ / ₈ " | 2 ¹³ / ₁₆ " | 1 ¹ / ₄ |
| | | 125 | Performa Rubber | Delrin | 1.03367.441 | 3 ⁷ / ₈ " | 2 ¹³ / ₁₆ " | 1 ¹ / ₄ |
| | | | Polyolefin | Delrin | 1.03367.53 | 3 ⁷ / ₈ " | 2 ¹³ / ₁₆ " | 1 ¹ / ₄ |
| 4" | 7/8" | 125 | Polyurethane HI-TECH | Delrin | 1.04367.91 | 4 ⁷ / ₈ " | 3 ⁷ / ₁₆ " | 1 ¹ / ₂ |
| | | 135 | Performa Rubber | Delrin | 1.04367.441 | 4 ⁷ / ₈ " | 3 ⁷ / ₁₆ " | 1 ¹ / ₂ |
| | | | Polyolefin | Delrin | 1.04367.53 | 4 ⁷ / ₈ " | 3 ⁷ / ₁₆ " | 1 ¹ / ₂ |
| 5" | 7/8" | 140 | Polyurethane HI-TECH | Delrin | 1.05367.91 | 5 ⁷ / ₈ " | 4 ¹ / ₁₆ " | 1 ³ / ₄ |
| | | 145 | Performa Rubber | Delrin | 1.05367.441 | 5 ⁷ / ₈ " | 4 ¹ / ₁₆ " | 1 ³ / ₄ |
| | | | Polyolefin | Delrin | 1.05367.53 | 5 ⁷ / ₈ " | 4 ¹ / ₁₆ " | 1 ³ / ₄ |

*To order you must include mounting code in the Mounting Options chart below (Example: 1.03367.91 MTG40).

Note: Expanding adapter temperature rating is 180°F.

Caster Brake



Side Lock (See page 86)
Available on all models. Field installable (Specify **BRK3**; Example: 1.03367.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 1.03367).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards (See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03367.91 TG1).

Mounting Options

(See page 97)

| Inside Diameter of Tube | Mounting Code Numbers | |
|-------------------------|-----------------------|---------------|
| | Round Tubing | Square Tubing |
| 3/4" - 13/16" | MTG40 | - |
| 7/8" - 15/16" | MTG41 | MTG51 |
| 1" - 1 1/16" | MTG42 | MTG52 |
| 1 1/8" - 1 3/16" | MTG43 | MTG53 |
| 1 1/4" - 1 5/16" | MTG44 | MTG54 |
| 1 3/8" - 1 7/16" | MTG45 | MTG55 |
| 1 1/2" - 1 9/16" | MTG46 | - |
| 1 5/8" - 1 11/16" | MTG47 | - |

Stems are 2¹¹/₁₆" long. Stem size less adapter: 1/2" - 13UNC x 2¹³/₁₆"

To order add the mounting code to Stem Caster Models number (Example: 1.03367.91 MTG40).

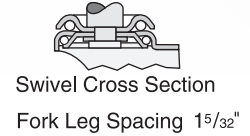
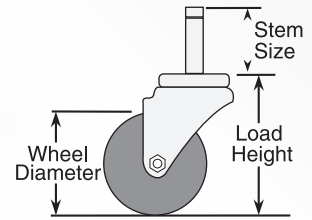
1 Series

Capacity up to 75 lbs each

GRIP RING STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Spring grip on top of stem holds caster firmly in place
- **Stem Size:** 7/16" x 1 29/32" long **with** grip ring

Colson 1 Series Casters • Grip Ring Stem • Capacity to 75 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 1 5/8" | 7/8" | 60 | Performa Rubber | Delrin | 1.01651.441 | 2 1/2" | 1 3/4" | 1/2 |
| | | 75 | Polyolefin | Delrin | 1.01651.52 | 2 1/2" | 1 3/4" | 1/2 |
| 2" | 7/8" | 75 | Performa Rubber | Delrin | 1.02251.441 | 2 11/16" | 1 15/16" | 1/2 |
| | | | Polyolefin | Delrin | 1.02251.52 | 2 11/16" | 1 15/16" | 1/2 |
| | | | Cushion Rubber | Ball | 1.02251.45 | 2 11/16" | 1 15/16" | 5/8 |
| | | | Hard Rubber | Ball | 1.02251.55 | 2 11/16" | 1 15/16" | 5/8 |
| 3" | 7/8" | 75 | Performa Rubber | Delrin | 1.03051.441 | 3 13/16" | 2 9/16" | 3/4 |
| | | | Polyurethane HI-TECH | Delrin | 1.03051.91 | 3 13/16" | 2 9/16" | 3/4 |
| | | | Polyolefin | Delrin | 1.03051.53 | 3 13/16" | 2 9/16" | 3/4 |

Caster Brake



Side Lock
(See page 86) Available on all 3" models. Field installable (Specify **BRK3**; Example: 1.03051.53 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01651).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01651.441 TG1).

Mounting Options

Standard Mounting (no code necessary):
7/16" x 1 29/32" long **with** grip ring.

MTG1: 3/8" x 1 9/16" long

MTG2: 7/16" x 1 9/16" long

MTG50: 7/16" x 1" long

MTG51: 7/16" x 1 29/32" long **less** grip ring

MTG57: 1/2" x 4 1/2" (ladder caster stem)

To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.01651.441 MTG1).



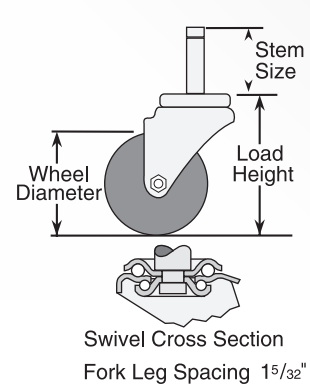
1 Series

Capacity up to **145 lbs each**

GRIP RING STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Spring grip on top of stem holds caster firmly in place
- Stem Size: 7/16" x 1 29/32" long with grip ring

Colson 1 Series Casters • Grip Ring Stem • Capacity to 145 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 3" | 7/8" | 100 | Polyurethane HI-TECH | Delrin | 1.03351.91 | 33/4" | 213/16" | 1 |
| | | 125 | Performa Rubber | Delrin | 1.03351.441 | 33/4" | 213/16" | 11/8 |
| | | | Polyolefin | Delrin | 1.03351.53 | 33/4" | 213/16" | 11/8 |
| 4" | 7/8" | 125 | Polyurethane HI-TECH | Delrin | 1.04351.91 | 43/4" | 37/16" | 11/8 |
| | | 135 | Performa Rubber | Delrin | 1.04351.441 | 43/4" | 37/16" | 13/8 |
| | | | Polyolefin | Delrin | 1.04351.53 | 43/4" | 37/16" | 13/8 |
| 5" | 7/8" | 140 | Polyurethane HI-TECH | Delrin | 1.05351.91 | 53/4" | 41/16" | 11/4 |
| | | 145 | Performa Rubber | Delrin | 1.05351.441 | 53/4" | 41/16" | 15/8 |
| | | | Polyolefin | Delrin | 1.05351.53 | 53/4" | 41/16" | 11/8 |

Caster Brake



Side Lock (See page 86)
Available on all models. Field installable (Specify **BRK3**; Example: 1.03351.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.03351).

Wheel Selection



Wheel Option

Thread Guards
(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03351.91 TG1).

Mounting Options

Standard Mounting (no code necessary):
7/16" x 1 29/32" long with grip ring no plastic adapter.

MTG2: 7/16" x 1 1/2" long

MTG51: 7/16" x 1 29/32" long less grip ring

To order optional mounting, add mounting code to Stem Caster Model number (Example: 1.03367.91 MTG51).

Plastic Adapters

Snaps in place to reduce distortion and damage to furniture and equipment tubing.

Plastic adapters are non-conductive. To order, add plastic adapter mounting code from below to Stem Caster Model number (Example: 1.03351.91 MTG53).

MTG53: (No. 50810): Fits 7/8" x 18 ga. wall round tubing or any I.D. from 3/4" to 51/64".

MTG55: (No. 50865): Fits 1" x 14 ga. wall round tubing or any I.D. from 53/64" to 55/64".

MTG56: (No. 50916): Fits 1" x 16 ga. wall round tubing or any I.D. from 57/64" to 29/32".



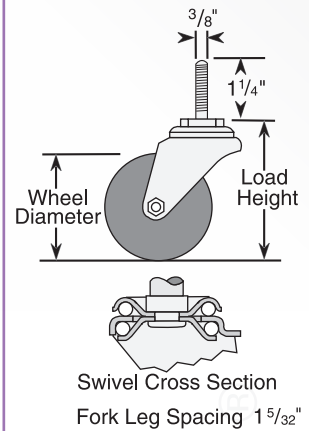
1 Series

Capacity up to 75 lbs each

THREADED STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Stem Size: 3/8" diameter - 16UNC x 1 1/4" long threaded 1 1/8"

IMPORTANT: If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

Colson 1 Series Casters • Threaded Stem • Capacity to 75 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 1 5/8" | 7/8" | 60 | Perfoma Rubber | Delrin | 1.01654.441 | 2 1/2" | 1 3/4" | 3/8 |
| | | 75 | Polyolefin | Delrin | 1.01654.52 | 2 1/2" | 1 3/4" | 3/8 |
| 2" | 7/8" | 75 | Perfoma Rubber | Delrin | 1.02254.441 | 2 11/16" | 1 15/16" | 3/8 |
| | | | Polyolefin | Delrin | 1.02254.52 | 2 11/16" | 1 15/16" | 3/8 |
| | | | Cushion Rubber | Ball | 1.02254.45 | 2 11/16" | 1 15/16" | 1/2 |
| | | | Hard Rubber | Ball | 1.02254.55 | 2 11/16" | 1 15/16" | 1/2 |
| 3" | 7/8" | 75 | Perfoma Rubber | Delrin | 1.03054.441 | 3 13/16" | 2 9/16" | 5/8 |
| | | | Polyurethane HI-TECH | Delrin | 1.03054.91 | 3 13/16" | 2 9/16" | 5/8 |
| | | | Polyolefin | Delrin | 1.03054.53 | 3 13/16" | 2 9/16" | 5/8 |

Caster Brake



Side Lock
(See page 86) Available on all 3" models. Field installable (Specify **BRK3**; Example: 1.03054.53 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01654).

Wheel Selection



See the Perfoma Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01654.441 TG1).

Mounting Options

Standard Mounting (no code necessary):
3/8" diameter - 16UNC x 1 1/4" long threaded 1 1/8".

MTG51: 3/8" diameter - 24NF x 1 1/16" long
To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.01654.441 MTG51).



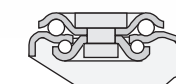
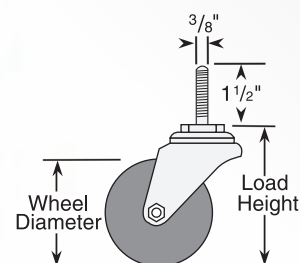
1 Series

Capacity up to **145 lbs each**

THREADED STEM



Standard Dimensions



Swivel Cross Section
Fork Leg Spacing 1 5/32"

Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Stem Size: 3/8" diameter - 16UNC x 1 1/2" long threaded 1 3/8"

IMPORTANT: If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

Colson 1 Series Casters • Threaded Stem • Capacity to 145 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 3" | 7/8" | 100 | Polyurethane HI-TECH | Delrin | 1.03354.91 | 3 3/4" | 2 13/16" | 11/8 |
| | | 125 | Performa Rubber | Delrin | 1.03354.441 | 3 3/4" | 2 13/16" | 11/8 |
| | | | Polyolefin | Delrin | 1.03354.53 | 3 3/4" | 2 13/16" | 11/8 |
| 4" | 7/8" | 125 | Polyurethane HI-TECH | Delrin | 1.04354.91 | 4 3/4" | 3 7/16" | 1 3/8 |
| | | 135 | Performa Rubber | Delrin | 1.04354.441 | 4 3/4" | 3 7/16" | 1 3/8 |
| | | | Polyolefin | Delrin | 1.04354.53 | 4 3/4" | 3 7/16" | 1 3/8 |
| 5" | 7/8" | 140 | Polyurethane HI-TECH | Delrin | 1.05354.91 | 5 3/4" | 4 1/16" | 1 5/8 |
| | | 145 | Performa Rubber | Delrin | 1.05354.441 | 5 3/4" | 4 1/16" | 1 5/8 |
| | | | Polyolefin | Delrin | 1.05354.53 | 5 3/4" | 4 1/16" | 1 5/8 |

Caster Brake



Side Lock (See page 86)
Available on all models. Field installable (Specify **BRK3**; Example: 1.03354.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.03354).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03354.91 TG1).

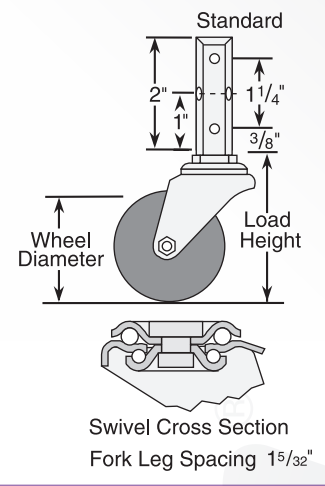
1 Series

Capacity up to **145 lbs each**

SQUARE STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Designed for easy installation on the inside of angle iron legs or against flat surfaces
- Stems may be bolted or riveted against any flat vertical surface
- **Stem Size:** 2" long x 3/4" square with 3 mounting holes 17/64" diameter

Colson 1 Series Casters • Square Stem • Capacity to 145 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|-----------------------------------|-------------------------------|
| 3" | 7/8" | 100 | Polyurethane HI-TECH | Delrin | 1.03370.91 | 33/4" | 2 ¹³ / ₁₆ " | 1 ¹ / ₄ |
| | | 125 | Performa Rubber | Delrin | 1.03370.441 | 33/4" | 2 ¹³ / ₁₆ " | 1 ¹ / ₄ |
| | | | Polyolefin | Delrin | 1.03370.53 | 33/4" | 2 ¹³ / ₁₆ " | 1 ¹ / ₄ |
| 4" | 7/8" | 125 | Polyurethane HI-TECH | Delrin | 1.04370.91 | 43/4" | 3 ⁷ / ₁₆ " | 1 ¹ / ₂ |
| | | 135 | Performa Rubber | Delrin | 1.04370.441 | 43/4" | 3 ⁷ / ₁₆ " | 1 ¹ / ₂ |
| | | | Polyolefin | Delrin | 1.04370.53 | 43/4" | 3 ⁷ / ₁₆ " | 1 ¹ / ₂ |
| 5" | 7/8" | 140 | Polyurethane HI-TECH | Delrin | 1.05370.91 | 53/4" | 4 ¹ / ₁₆ " | 1 ³ / ₄ |
| | | 145 | Performa Rubber | Delrin | 1.05370.441 | 53/4" | 4 ¹ / ₁₆ " | 1 ³ / ₄ |
| | | | Polyolefin | Delrin | 1.05370.53 | 53/4" | 4 ¹ / ₁₆ " | 1 ³ / ₄ |

Caster Brake



Side Lock
(See page 86) Available on all models. Field installable (Specify **BRK3**; Example: 1.03370.441 BRK3).

Wheel Selection

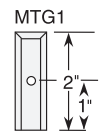


See the Performa Advantage on Page 55.

Mounting Options

Standard Mounting (no code necessary): 2" long x 3/4" square with 3 mounting holes 17/64" diameter.

MTG1: Optional Square Stem: 2" long x 7/8" square with 1 mounting hole 17/64" diameter.



To order optional mounting, add mounting code above to Stem Caster Models number (Example: 1.03370.91 MTG1).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 1.03370).

Wheel Option

Thread Guards
(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03370.91 TG1).



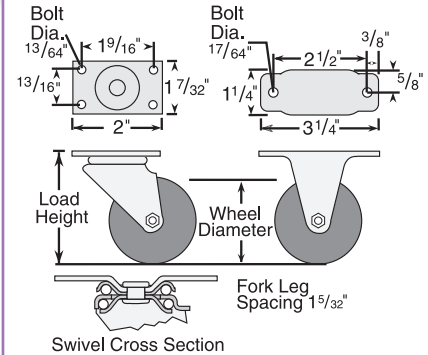
1 Series

Capacity up to **75 lbs each**

SMALL TOP PLATE Swivel & Rigid



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Rigid caster mounting holes do not match swivel

Colson 1 Series Casters • Small Top Plate Swivel and Rigid • Capacity to 75 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 1 5/8" | 7/8" | 60 | Performa Rubber | Delrin | 1.01666.441 | 1.01610.441 | 29/16" | 1 3/4" | 3/8 |
| | | 75 | Polyolefin | Delrin | 1.01666.52 | 1.01610.52 | 29/16" | 1 3/4" | 3/8 |
| 2" | 7/8" | 75 | Performa Rubber | Delrin | 1.02266.441 | 1.02210.441 | 2 3/4" | 1 15/16" | 1/2 |
| | | | Polyolefin | Delrin | 1.02266.52 | 1.02210.52 | 2 3/4" | 1 15/16" | 1/2 |
| | | | Cushion Rubber | Ball | 1.02266.45 | 1.02210.45 | 2 3/4" | 1 15/16" | 1/2 |
| | | | Hard Rubber | Ball | 1.02266.55 | 1.02210.55 | 2 3/4" | 1 15/16" | 1/2 |
| 3" | 7/8" | 75 | Performa Rubber | Delrin | 1.03066.441 | — | 3 7/8" | 2 9/16" | 3/4 |
| | | | Polyurethane HI-TECH | Delrin | 1.03066.91 | — | 3 7/8" | 2 9/16" | 3/4 |
| | | | Polyolefin | Delrin | 1.03066.53 | — | 3 7/8" | 2 9/16" | 3/4 |

Caster Brake



Side Lock (See page 86)
Available on all 3" swivel models. Field installable (Specify **BRK3**; Example: 1.03066.91 BRK3).

Fork Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01666).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01666.441 TG1).

1 Series

Capacity up to **75 lbs each**

TOP PLATE Swivel & Rigid

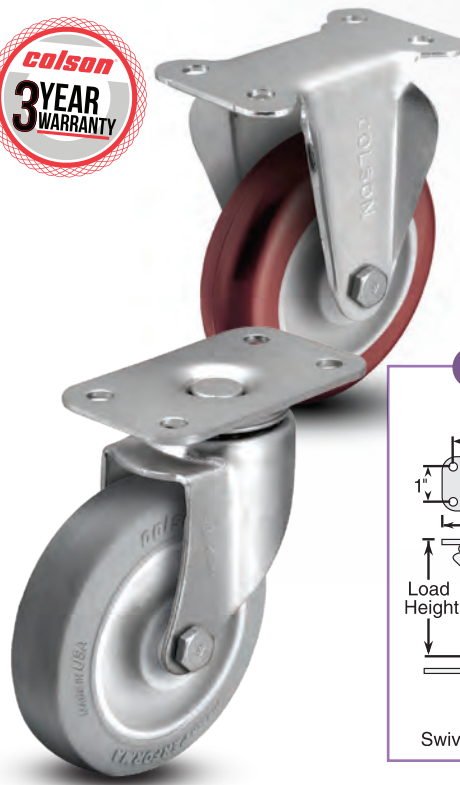


Features

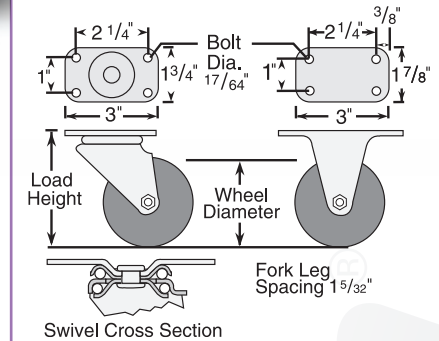
- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Rigid caster available with 3" diameter wheel only



Standard Dimensions



Colson 1 Series Casters • Top Plate Swivel and Rigid • Capacity to 75 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 1 5/8" | 7/8" | 60 | Performa Rubber | Delrin | 1.01656.441 | — | 29/16" | 1 3/4" | 1/2 |
| | | 75 | Polyolefin | Delrin | 1.01656.52 | — | 29/16" | 1 3/4" | 1/2 |
| 2" | 7/8" | 75 | Performa Rubber | Delrin | 1.02256.441 | — | 2 3/4" | 1 15/16" | 1/2 |
| | | | Polyolefin | Delrin | 1.02256.52 | — | 2 3/4" | 1 15/16" | 1/2 |
| | | | Cushion Rubber | Ball | 1.02256.45 | — | 2 3/4" | 1 15/16" | 5/8 |
| | | | Hard Rubber | Ball | 1.02256.55 | — | 2 3/4" | 1 15/16" | 5/8 |
| 3" | 7/8" | 75 | Performa Rubber | Delrin | 1.03056.441 | 1.03010.441 | 3 7/8" | 2 9/16" | 3/4 |
| | | | Polyurethane HI-TECH | Delrin | 1.03056.91 | 1.03010.91 | 3 7/8" | 2 9/16" | 3/4 |
| | | | Polyolefin | Delrin | 1.03056.53 | 1.03010.53 | 3 7/8" | 2 9/16" | 3/4 |

Caster Brake



Side Lock
(See page 86) Available on all 3" swivel models. Field installable (Specify **BRK3**; Example: 1.03056.53 BRK3).

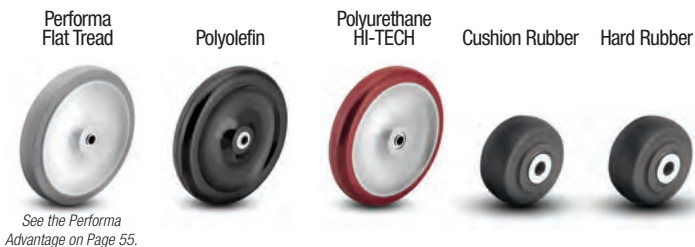
Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.01656).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.01656.441 TG1).

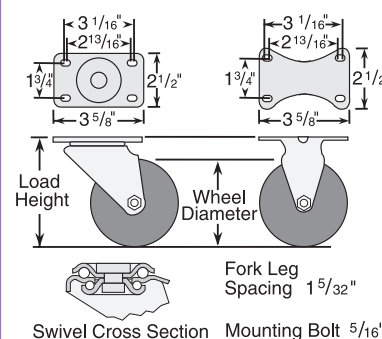


1 Series

LARGE TOP PLATE Swivel & Rigid
Capacity up to **145 lbs each**



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- .090" steel top plate
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Colson 1 Series Casters • Large Top Plate Swivel and Rigid • Capacity to 145 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 3" | 7/8" | 100 | Polyurethane HI-TECH | Delrin | 1.03356.91 | 1.03008.91 | 3 3/4" | 2 13/16" | 1 1/4 |
| | | 125 | Performa Rubber | Delrin | 1.03356.441 | 1.03008.441 | 3 3/4" | 2 13/16" | 1 1/4 |
| | | | Polyolefin | Delrin | 1.03356.53 | 1.03008.53 | 3 3/4" | 2 13/16" | 1 1/4 |
| 4" | 7/8" | 125 | Polyurethane HI-TECH | Delrin | 1.04356.91 | 1.04008.91 | 4 3/4" | 3 7/16" | 1 1/2 |
| | | 135 | Performa Rubber | Delrin | 1.04356.441 | 1.04008.441 | 4 3/4" | 3 7/16" | 1 1/2 |
| | | | Polyolefin | Delrin | 1.04356.53 | 1.04008.53 | 4 3/4" | 3 7/16" | 1 1/2 |
| 5" | 7/8" | 140 | Polyurethane HI-TECH | Delrin | 1.05356.91 | 1.05008.91 | 5 3/4" | 4 1/16" | 1 3/4 |
| | | 145 | Performa Rubber | Delrin | 1.05356.441 | 1.05008.441 | 5 3/4" | 4 1/16" | 1 3/4 |
| | | | Polyolefin | Delrin | 1.05356.53 | 1.05008.53 | 5 3/4" | 4 1/16" | 1 3/4 |

Caster Brake



Side Lock
(See page 86) Available on all swivel models. Field installable (Specify **BRK3**; Example: 1.03356.91 BRK3).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 1.03356).

Wheel Selection



See the Performa Advantage on Page 55.

Wheel Option

Thread Guards

(See page 98) Available on all 3" models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal; Example: 1.03356.91 TG1).

2 Series

Capacity up to **350 lbs each**

TOP PLATE Swivel & Rigid



www.ColsonCaster.com
Consult factory for RoHS and NSF requirements on a part specific basis.

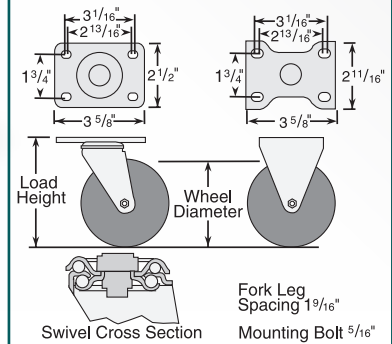


Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures



Standard Dimensions



Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05256.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05256.319 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3", 3 1/2", 4", 5" and 6" swivel models. Field installable (Specify **BRK5**; Example: 2.05256.53 BRK5).



Directional Lock
(See page 87) Available with standard top plate only. For optional top plates, consult factory. To order with caster, change 4th digit to "1" (Example: 2.05156.91).

Note: No Dust Cap Available.

Fork Option

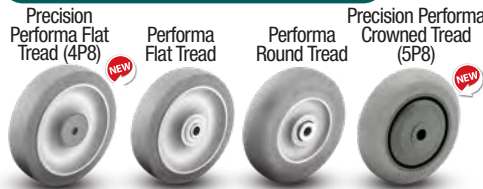
NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1** standard; **DC2** Dust Cap w/ grease seal and zerck) Example: 2.05256.441 DC2).

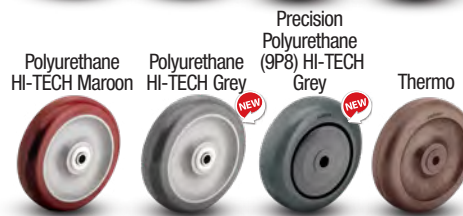
Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.05256).

Axle/Nut Options Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.



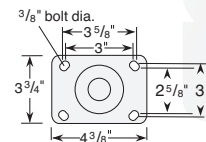
Thread Guards

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

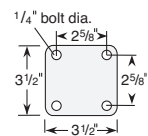
Optional Thread Guards
(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05256.441 TG2.

Optional Top Plates

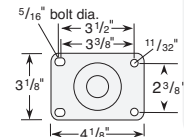
27 Top Plate (Swivel)
(Specify **MTG27**)



35 Top Plate (Swivel)
(Specify **MTG35**)



59 Top Plate (Swivel)
(Specify **MTG59**).



To order optional top plate, add mounting code to Swivel Top Plate Caster Models number (Example: 2.02256.445 MTG27).

Colson 2 Series Casters • Top Plate Swivel & Rigid • Capacity to 350 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Standard Bearings | Swivel Caster Models | Rigid Caster Models | Optional Bearings | Load Height | Swivel Radius | Weight (Pounds) | |
|------------|-------------|------------------------|-------------------------------------|-------------------|----------------------|---------------------|-------------------|-------------|---------------|-----------------|-------|
| 2 1/2" | 1 1/4" | 125 | Performa Flat Conductive | Ball | 2.02256.445COND | 2.02208.445COND | – | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 140 | Performa Flat | Ball | 2.02256.445 | 2.02208.445 | Delrin (441) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 200 | Polyolefin | Ball | 2.02256.55 | 2.02208.55 | Delrin (53) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 250 | Polyurethane Hi-Tech Maroon | Ball | 2.02256.95 | 2.02208.95 | Delrin (91) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 250 | Polyurethane Hi-Tech Grey | Ball | 2.02256.95G | 2.02208.95G | Delrin (91G) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | 300 | Cast Iron | Plain | 2.02256.12 | 2.02208.12 | – | – | 3 7/8" | 2 13/32" | 2 | |
| | 1 7/16" | 300 | Phenolic | Roller | 2.02256.319 | 2.02208.319 | – | 3 7/8" | 2 13/32" | 2 | |
| 3" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03356.RR2 | 2.03208.RR2 | – | 4 11/16" | 2 29/32" | 2 1/4 | |
| | | 200 | Polyolefin | Ball | 2.03356.55 | 2.03308.55 | Delrin (52) | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Performa Flat | Ball | 2.03356.445 | 2.03308.445 | Delrin (441) | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Precision Performa Flat | Precision Ball | 2.03356.4P8 | 2.03308.4P8 | – | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Performa Crown | Precision Ball | 2.03356.5P8 | 2.03308.5P8 | – | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Performa Flat Conductive | Ball | 2.03356.445COND | 2.03308.445COND | – | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Polyolefin | Ball | 2.03356.55 | 2.03308.55 | Delrin (52) | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Polyurethane Hi-Tech Maroon | Ball | 2.03356.95 | 2.03308.95 | Delrin (91) | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Polyurethane Hi-Tech Grey | Ball | 2.03356.95G | 2.03308.95G | Delrin (91G) | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03356.9P8 | 2.03308.9P8 | – | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Cast Iron | Plain | 2.03356.14 | 2.03308.14 | – | – | 4 1/8" | 2 21/32" | 2 3/4 |
| | | 350 | Hard Rubber | Plain | 2.03356.RN2 | 2.03308.RN2 | – | – | 4 11/16" | 2 29/32" | 2 1/4 |
| | | 1 15/32" | 350 | Phenolic | Roller | 2.03356.309 | 2.03308.309 | – | 4 1/8" | 2 21/32" | 2 3/4 |
| 3 1/2" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03256.RR2 | 2.03208.RR2 | – | 4 11/16" | 2 29/32" | 2 1/4 | |
| | | 250 | Performa Flat | Ball | 2.03256.445 | 2.03208.445 | Delrin (441) | 4 11/16" | 2 29/32" | 2 | |
| | | 250 | Performa Flat Conductive | Ball | 2.03256.445COND | 2.03208.445COND | – | 4 11/16" | 2 29/32" | 2 | |
| | | 250 | Precision Performa Flat | Precision Ball | 2.03256.4P8 | 2.03208.4P8 | – | 4 11/16" | 2 29/32" | 2 | |
| | | 250 | Performa Crown | Precision Ball | 2.03256.5P8 | 2.03208.5P8 | – | 4 11/16" | 2 29/32" | 2 1/4 | |
| | 1 5/16" | 250 | Performa Round | Ball | 2.03256.565 | 2.03208.565 | Delrin (561) | 4 11/16" | 2 29/32" | 2 1/4 | |
| | | 250 | Performa Round Conductive | Ball | 2.03256.565COND | 2.03208.565COND | – | 4 11/16" | 2 29/32" | 2 | |
| | | 280 | Polyolefin | Ball | 2.03256.55 | 2.03208.55 | Delrin (53) | 4 11/16" | 2 29/32" | 1 7/8 | |
| | 1 1/4" | 300 | Thermo | Plain | 2.03256.52HT | 2.03208.52HT | – | – | 4 11/16" | 2 29/32" | 2 7/8 |
| | | 300 | Cast Iron | Plain | 2.03256.12 | 2.03208.12 | – | – | 4 11/16" | 2 29/32" | 3 |
| | | 350 | Phenolic | Roller | 2.03256.309 | 2.03208.309 | – | – | 4 11/16" | 2 29/32" | 3 |
| | | 350 | Hard Rubber | Plain | 2.03256.RN2 | 2.03208.RN2 | – | – | 4 11/16" | 2 29/32" | 2 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.03256.95 | 2.03208.95 | Delrin (91) | 4 11/16" | 2 29/32" | 2 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.03256.95G | 2.03208.95G | Delrin (91G) | 4 11/16" | 2 29/32" | 1 7/8 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03256.9P8 | 2.03208.9P8 | – | – | 4 11/16" | 2 29/32" | 1 7/8 |
| 4" | 1 1/4" | 150 | Soft Rubber | Plain | 2.04256.RR2 | 2.04208.RR2 | – | 5 1/8" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Flat | Ball | 2.04256.445 | 2.04208.445 | Delrin (441) | 5 1/8" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Flat Conductive | Ball | 2.04256.445COND | 2.04208.445COND | – | 5 1/8" | 3 29/32" | 2 1/4 | |
| | | 300 | Precision Performa Flat | Precision Ball | 2.04256.4P8 | 2.04208.4P8 | – | 5 1/8" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Crown | Precision Ball | 2.04256.5P8 | 2.04208.5P8 | – | 5 1/8" | 3 29/32" | 2 1/4 | |
| | | 300 | Thermo | Plain | 2.04256.52HT | 2.04208.52HT | – | – | 5 1/8" | 3 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.04256.12 | 2.04208.12 | – | – | 5 1/8" | 3 29/32" | 3 3/8 |
| | | 350 | Polyolefin | Ball | 2.04256.55 | 2.04208.55 | Delrin (53) | 5 1/8" | 3 29/32" | 2 1/8 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.04256.95 | 2.04208.95 | Delrin (91) | 5 1/8" | 3 29/32" | 2 1/8 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.04256.95G | 2.04208.95G | Delrin (91G) | 5 1/8" | 3 29/32" | 2 1/8 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.04256.9P8 | 2.04208.9P8 | – | – | 5 1/8" | 3 29/32" | 2 1/4 |
| | | 350 | Hard Rubber | Plain | 2.04256.RN2 | 2.04208.RN2 | – | – | 5 1/8" | 3 29/32" | 2 1/4 |
| | 350 | Phenolic | Roller | 2.04256.309 | 2.04208.309 | – | – | 5 1/8" | 3 29/32" | 3 3/8 | |
| 5" | 1 1/4" | 175 | Soft Rubber | Plain | 2.05256.RR2 | 2.05208.RR2 | – | 6 3/16" | 3 13/16" | 3 | |
| | | 300 | Cast Iron | Plain | 2.05256.12 | 2.05208.12 | – | – | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 325 | Performa Flat | Ball | 2.05256.445 | 2.05208.445 | Delrin (441) | 6 3/16" | 3 13/16" | 3 1/2 | |
| | | 325 | Performa Flat Conductive | Ball | 2.05256.445COND | 2.05208.445COND | – | – | 6 3/16" | 3 13/16" | 3 |
| | | 325 | Precision Performa Flat | Precision Ball | 2.05256.445 | 2.05208.445 | – | – | 6 3/16" | 3 13/16" | 3 1/2 |
| | 1 5/16" | 325 | Performa Crown | Precision Ball | 2.05256.5P8 | 2.05208.5P8 | – | – | 6 3/16" | 3 13/16" | 2 3/4 |
| | | 325 | Performa Round Conductive | Ball | 2.05256.565COND | 2.05208.565COND | – | – | 6 3/16" | 3 13/16" | 3 |
| | | 325 | Performa Round | Ball | 2.05256.565 | 2.05208.565 | Delrin (561) | 6 3/16" | 3 13/16" | 3 | |
| | 1 1/4" | 350 | Hard Rubber | Plain | 2.05256.RN2 | 2.05208.RN2 | – | – | 6 3/16" | 3 13/16" | 3 |
| | | 350 | Polyolefin | Ball | 2.05256.55 | 2.05208.55 | Delrin (53) | 6 3/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.05256.95 | 2.05208.95 | Delrin (91) | 6 3/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.05256.95G | 2.05208.95G | Delrin (91G) | 6 3/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.05256.9P8 | 2.05208.9P8 | – | – | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 350 | Thermo | Plain | 2.05256.52HT | 2.05208.52HT | – | – | 6 3/16" | 3 13/16" | 3 3/4 |
| | | 350 | Phenolic | Roller | 2.05256.309 | 2.05208.309 | – | – | 6 3/16" | 3 13/16" | 3 3/4 |
| 6" | 1 1/4" | 350 | Performa Flat | Ball | 2.06256.445 | 2.06208.445 | Delrin (441) | 7 1/4" | 4 5/16" | 3 1/4 | |
| | | 350 | Performa Flat Conductive | Ball | 2.06256.445COND | 2.06208.445COND | – | – | 7 1/4" | 4 5/16" | 3 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.06256.95 | 2.06208.95 | Delrin (91) | 7 1/4" | 4 5/16" | 2 7/8 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.06256.95G | 2.06208.95G | Delrin (91G) | 7 1/4" | 4 5/16" | 3 7/8 | |
| | | 350 | Polyolefin | Ball | 2.06256.55 | 2.06208.55 | Delrin (53) | 7 1/4" | 4 5/16" | 2 7/8 | |

2 Series

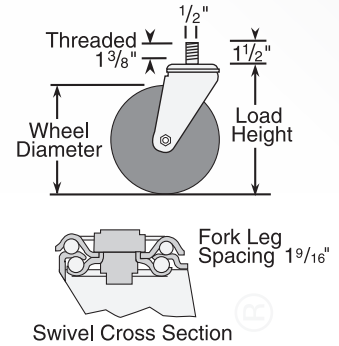
2 Series

Capacity up to **350 lbs each**

THREADED STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- **Stem Size:** 1/2" diameter – 13UNC X 1 1/2" long, threaded 1 3/8"
- **Easy Installation:** The 7/16" hex nut beneath the lower raceway makes it fast and easy to install these casters on a wide variety of equipment

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05254.91 BRK1).



Posi Lock
(See page 87) Available on all swivel models with solid axle only. Field installable (Specify **BRK8**; Example: 2.05254.4P5 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05254.12 BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05254.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02254).

Axle/Nut Options
Consult factory.

IMPORTANT: If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

Wheel Selection



See the Performa Advantage on Page 55.

Thread Guards

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are

standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards (See page 98)
Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05254.441 TG2.

Mounting Options

Standard Mounting (no code necessary):
1/2" diameter – 13UNC X 1 1/2" long, threaded 1 3/8".

- MTG10: 1/2" 13UNC x 3/4" long threaded
- MTG11: 1/2" 13UNC x 1" long threaded
- MTG12: 1/2" 20UNF x 3/4" long threaded
- MTG13: 5/8" 11UNC x 1 3/4" long threaded
- MTG14: 5/8" 18UNF x 1 3/4" long threaded
- MTG15: 3/4" 10UNC x 1 3/4" long threaded
- MTG16: 5/8" 11UNC x 1 1/8" long threaded
- MTG17: 1 1/2" 12UNF x 8.06" long threaded
- MTG18: 5/8" 18 X 3.5" long threaded
- MTG19: 1/2" 13UNC x 2.75" long threaded
- MTG21: 3/4" 10UNC x 6.500" long threaded
- MTG22: 5/8" 11UNC x 1 1/4" (.590 SH)

- MTG24: 3/4" 10UNC x 2.250" long threaded Zinc
- MTG25: 5/8" 11UNC x 2 1/2" W/FLTS long threaded
- MTG26: 3/4" 10UNC x 1" long threaded
- MTG28: 1/2" 13UNC x 2.0" long threaded
- MTG36: M14-2.00 x 1.50 long threaded
- MTG37: 1/2" 13UNC X 1.75" long threaded
- MTG38: M12 1.75 x 2" long threaded
- MTG39: 7/16" 14UNC x 1.63" long threaded
- MTG48: 1 1/4" UNC x 2" threaded to bottom
- MTG49: 1 1/4" 12UNF x 2.56" hex top long threaded
- MTG50: 1/2" 20UNF x 1 1/2" long threaded

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02254.441 MTG10).

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Colson 2 Series Casters • Threaded Stem • Capacity to 350 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Standard Bearings | Swivel Caster Models | Optional Bearings | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-------------------------------------|-------------------|----------------------|-------------------|-------------|---------------|-----------------|
| 2 1/2" | 1 1/4" | 125 | Performa Flat Conductive | Ball | 2.02254.445COND | – | 3 3/4" | 2 13/32" | 1 3/4 |
| | | 140 | Performa Flat | Ball | 2.02254.445 | Delrin (441) | 3 3/4" | 2 13/32" | 1 3/4 |
| | | 200 | Polyolefin | Ball | 2.02254.55 | Delrin (53) | 3 3/4" | 2 13/32" | 1 3/4 |
| | | 250 | Polyurethane Hi-Tech Maroon | Ball | 2.02254.95 | Delrin (91) | 3 3/4" | 2 13/32" | 1 1/2 |
| | | 250 | Polyurethane Hi-Tech Grey | Ball | 2.02254.95G | Delrin (91G) | 3 3/4" | 2 13/32" | 1 1/2 |
| | 300 | Cast Iron | Plain | 2.02254.12 | – | – | 3 3/4" | 2 13/32" | 2 1/8 |
| | 1 7/16" | 300 | Phenolic | Roller | 2.02254.319 | – | 3 3/4" | 2 13/32" | 1 3/4 |
| 3" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03354.RR2 | – | 4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03354.55 | Delrin (52) | 4" | 2 21/32" | 2 |
| | | 200 | Performa Flat | Ball | 2.03354.445 | Delrin (441) | 4" | 2 21/32" | 2 |
| | | 200 | Precision Performa Flat | Precision Ball | 2.03354.4P8 | – | 4" | 2 21/32" | 2 |
| | | 200 | Performa Crown | Precision Ball | 2.03354.5P8 | – | 4" | 2 21/32" | 2 |
| | | 200 | Performa Flat Conductive | Ball | 2.03354.445COND | – | 4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03354.55 | Delrin (52) | 4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Maroon | Ball | 2.03354.95 | Delrin (91) | 4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Grey | Ball | 2.03354.95G | Delrin (91G) | 4" | 2 21/32" | 2 |
| | | 300 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03354.9P8 | – | 4" | 2 21/32" | 2 |
| | | 300 | Cast Iron | Plain | 2.03354.14 | – | 4" | 2 21/32" | 2 3/4 |
| | | 350 | Hard Rubber | Plain | 2.03354.RN2 | – | 4" | 2 21/32" | 2 |
| | | 1 15/32" | 350 | Phenolic | Roller | 2.03354.309 | – | 4" | 2 21/32" |
| 3 1/2" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03254.RR2 | – | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 250 | Performa Flat | Ball | 2.03254.445 | Delrin (441) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Flat Conductive | Ball | 2.03254.445COND | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Precision Performa Flat | Precision Ball | 2.03254.4P8 | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Crown | Precision Ball | 2.03254.5P8 | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | 1 5/16" | 250 | Performa Round | Ball | 2.03254.545 | Delrin (561) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Round Conductive | Ball | 2.03254.545COND | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | 1 1/4" | 280 | Polyolefin | Ball | 2.03254.55 | Delrin (53) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 300 | Thermo | Plain | 2.03254.52HT | – | 4 9/16" | 2 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.03254.12 | – | 4 9/16" | 2 29/32" | 3 |
| | | 350 | Phenolic | Roller | 2.03254.309 | – | 4 9/16" | 2 29/32" | 3 |
| | | 350 | Hard Rubber | Plain | 2.03254.RN2 | – | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.03254.95 | Delrin (91) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.03254.95G | Delrin (91G) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03254.9P8 | – | 4 9/16" | 2 29/32" | 1 3/4 |
| 4" | 1 1/4" | 150 | Soft Rubber | Plain | 2.04254.RR2 | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Flat | Ball | 2.04254.445 | Delrin (441) | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Flat Conductive | Ball | 2.04254.445COND | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Precision Performa Flat | Precision Ball | 2.04254.4P8 | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Crown | Precision Ball | 2.04254.5P8 | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Thermo | Plain | 2.04254.52HT | – | 5" | 3 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.04254.12 | – | 5" | 3 29/32" | 3 3/8 |
| | | 350 | Polyolefin | Ball | 2.04254.55 | Delrin (53) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.04254.95 | Delrin (91) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.04254.95G | Delrin (91G) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.04254.9P8 | – | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Hard Rubber | Plain | 2.04254.RN2 | – | 5" | 3 29/32" | 2 1/4 |
| | 350 | Phenolic | Roller | 2.04254.309 | – | 5" | 3 29/32" | 3 3/8 | |
| 5" | 1 1/4" | 175 | Soft Rubber | Plain | 2.05254.RR2 | – | 6 1/16" | 3 13/16" | 3 |
| | | 300 | Cast Iron | Plain | 2.05254.12 | – | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 325 | Performa Flat | Ball | 2.05254.445 | Delrin (441) | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Flat Conductive | Ball | 2.05254.445COND | – | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Precision Performa Flat | Precision Ball | 2.05254.445 | – | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Crown | Precision Ball | 2.05254.5P8 | – | 6 1/16" | 3 13/16" | 3 |
| | 1 5/16" | 325 | Performa Round Conductive | Ball | 2.05254.545COND | – | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Round | Ball | 2.05254.545 | Delrin (561) | 6 1/16" | 3 13/16" | 3 |
| | | 350 | Hard Rubber | Plain | 2.05254.RN2 | – | 6 1/16" | 3 13/16" | 3 |
| | 1 1/4" | 350 | Polyolefin | Ball | 2.05254.55 | Delrin (53) | 6 1/16" | 3 13/16" | 2 3/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.05254.95 | Delrin (91) | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.05254.95G | Delrin (91G) | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.05254.9P8 | – | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Thermo | Plain | 2.05254.52HT | – | 6 1/16" | 3 13/16" | 3 3/4 |
| | | 350 | Phenolic | Roller | 2.05254.309 | – | 6 1/16" | 3 13/16" | 3 3/4 |
| 6" | 1 1/4" | 350 | Performa Flat | Ball | 2.06254.445 | Delrin (441) | 7 1/8" | 4 5/16" | 3 1/2 |
| | | 350 | Performa Flat Conductive | Ball | 2.06254.445COND | – | 7 1/8" | 4 5/16" | 3 1/2 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.06254.95 | Delrin (91) | 7 1/8" | 4 5/16" | 3 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.06254.95G | Delrin (91G) | 7 1/8" | 4 5/16" | 3 |
| | | 350 | Polyolefin | Ball | 2.06254.55 | Delrin (53) | 7 1/8" | 4 5/16" | 3 |

2 Series

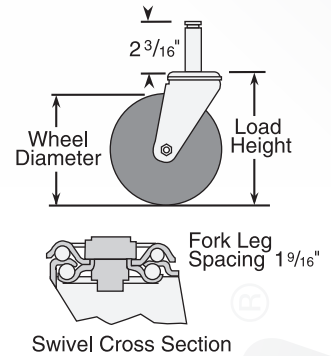
2 Series

Capacity up to **350 lbs each**

GRIP RING STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- **Stem Size:** 2 3/16" long with 5/8" diameter
- Stem features spring grip at top to hold caster securely in tubing
- Assures tight fit and easy swivel action

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05251.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05251.9P8 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable.

Note: When mounted in tubing, brake will function as wheel brake only. (Specify **BRK5**; Example: 2.05251.445 COND BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05251.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02251).

Axle/Nut Options
Consult factory.

Wheel Selection



Thread Guards

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards
(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05251.441 TG2.

Mounting Options

Standard Mounting (no code necessary):
2 3/16" long with 5/8" dia.

- MTG2:** 1 1/2" long x 7/16" dia. (.437)
- MTG4:** .845" x 2 13/16" dia. Metro 2 series
- MTG5:** 2 3/16" long x 3/4" dia. (.75)
- MTG6:** 2 3/16" long x 13/16" dia. (.812)
- MTG7:** 2 3/16" long x 27/32" dia. (.845)
- MTG8:** 2 3/16" long x 7/8" dia. (.865)

- MTG9:** 2 3/16" long x 1" dia. (1.00)
- MTG61:** .865" x 2 13/16" dia. (2 row)
- MTG62:** .845" x 2 13/16" dia. (2 row)
- MTG63:** 3/4" x 2 13/16" dia.
- MTG68:** .860" square x 2.00" dia
- MTG69:** .860" square. x dia.

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02251.441 MTG2).

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Colson 2 Series Casters • Grip Ring Stem • Capacity to 350 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Standard Bearings | Swivel Caster Models | Optional Bearings | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-------------------------------------|-------------------|----------------------|-------------------|-------------|---------------|-----------------|
| 2 1/2" | 1 1/4" | 125 | Performa Flat Conductive | Ball | 2.02251.445COND | – | 3 3/4" | 2 13/32" | 1 3/4 |
| | | 140 | Performa Flat | Ball | 2.02251.445 | Delrin (441) | 3 3/4" | 2 13/32" | 1 3/4 |
| | | 200 | Polyolefin | Ball | 2.02251.55 | Delrin (53) | 3 3/4" | 2 13/32" | 1 3/4 |
| | | 250 | Polyurethane Hi-Tech Maroon | Ball | 2.02251.95 | Delrin (91) | 3 3/4" | 2 13/32" | 1 1/2 |
| | | 250 | Polyurethane Hi-Tech Grey | Ball | 2.02251.95G | Delrin (91G) | 3 3/4" | 2 13/32" | 1 1/2 |
| | 300 | Cast Iron | Plain | 2.02251.12 | – | – | 3 3/4" | 2 13/32" | 2 1/8 |
| | 1 7/16" | 300 | Phenolic | Roller | 2.02251.319 | – | 3 3/4" | 2 13/32" | 1 3/4 |
| 3" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03351.RR2 | – | 4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03351.55 | Delrin (52) | 4" | 2 21/32" | 2 |
| | | 200 | Performa Flat | Ball | 2.03351.445 | Delrin (441) | 4" | 2 21/32" | 2 |
| | | 200 | Precision Performa Flat | Precision Ball | 2.03351.4P8 | – | 4" | 2 21/32" | 2 |
| | | 200 | Performa Crown | Precision Ball | 2.03351.5P8 | – | 4" | 2 21/32" | 2 |
| | | 200 | Performa Flat Conductive | Ball | 2.03351.445COND | – | 4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03351.55 | Delrin (52) | 4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Maroon | Ball | 2.03351.95 | Delrin (91) | 4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Grey | Ball | 2.03351.95G | Delrin (91G) | 4" | 2 21/32" | 2 |
| | | 300 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03351.9P8 | – | 4" | 2 21/32" | 2 |
| | | 300 | Cast Iron | Plain | 2.03351.14 | – | 4" | 2 21/32" | 2 3/4 |
| | 350 | Hard Rubber | Plain | 2.03351.RN2 | – | 4" | 2 21/32" | 2 | |
| | | 1 15/32" | 350 | Phenolic | Roller | 2.03351.309 | – | 4" | 2 21/32" |
| 3 1/2" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03251.RR2 | – | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 250 | Performa Flat | Ball | 2.03251.445 | Delrin (441) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Flat Conductive | Ball | 2.03251.445COND | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Precision Performa Flat | Precision Ball | 2.03251.4P8 | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Crown | Precision Ball | 2.03251.5P8 | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | 1 5/16" | 250 | Performa Round | Ball | 2.03251.515 | Delrin (561) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Round Conductive | Ball | 2.03251.515COND | – | 4 9/16" | 2 29/32" | 2 1/8 |
| | 1 1/4" | 280 | Polyolefin | Ball | 2.03251.55 | Delrin (53) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 300 | Thermo | Plain | 2.03251.52HT | – | 4 9/16" | 2 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.03251.12 | – | 4 9/16" | 2 29/32" | 3 |
| | | 350 | Phenolic | Roller | 2.03251.309 | – | 4 9/16" | 2 29/32" | 3 |
| | | 350 | Hard Rubber | Plain | 2.03251.RN2 | – | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.03251.95 | Delrin (91) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.03251.95G | Delrin (91G) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03251.9P8 | – | 4 9/16" | 2 29/32" | 1 3/4 |
| 4" | 1 1/4" | 150 | Soft Rubber | Plain | 2.04251.RR2 | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Flat | Ball | 2.04251.445 | Delrin (441) | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Flat Conductive | Ball | 2.04251.445COND | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Precision Performa Flat | Precision Ball | 2.04251.4P8 | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Crown | Precision Ball | 2.04251.5P8 | – | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Thermo | Plain | 2.04251.52HT | – | 5" | 3 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.04251.12 | – | 5" | 3 29/32" | 3 3/8 |
| | | 350 | Polyolefin | Ball | 2.04251.55 | Delrin (53) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.04251.95 | Delrin (91) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.04251.95G | Delrin (91G) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.04251.9P8 | – | 5" | 3 29/32" | 2 1/8 |
| | 350 | Hard Rubber | Plain | 2.04251.RN2 | – | 5" | 3 29/32" | 2 1/4 | |
| | 350 | Phenolic | Roller | 2.04251.309 | – | 5" | 3 29/32" | 3 3/8 | |
| 5" | 1 1/4" | 175 | Soft Rubber | Plain | 2.05251.RR2 | – | 6 1/16" | 3 13/16" | 3 |
| | | 300 | Cast Iron | Plain | 2.05251.12 | – | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 325 | Performa Flat | Ball | 2.05251.445 | Delrin (441) | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Flat Conductive | Ball | 2.05251.445COND | – | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Precision Performa Flat | Precision Ball | 2.05251.445 | – | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Crown | Precision Ball | 2.05251.5P8 | – | 6 1/16" | 3 13/16" | 3 |
| | 1 5/16" | 325 | Performa Round Conductive | Ball | 2.05251.515COND | – | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Round | Ball | 2.05251.515 | Delrin (561) | 6 1/16" | 3 13/16" | 3 |
| | 1 1/4" | 350 | Hard Rubber | Plain | 2.05251.RN2 | – | 6 1/16" | 3 13/16" | 3 |
| | | 350 | Polyolefin | Ball | 2.05251.55 | Delrin (53) | 6 1/16" | 3 13/16" | 2 3/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.05251.95 | Delrin (91) | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.05251.95G | Delrin (91G) | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.05251.9P8 | – | 6 1/16" | 3 13/16" | 2 1/2 |
| 350 | | Thermo | Plain | 2.05251.52HT | – | 6 1/16" | 3 13/16" | 3 3/4 | |
| 350 | | Phenolic | Roller | 2.05251.309 | – | 6 1/16" | 3 13/16" | 3 3/4 | |
| 6" | 1 1/4" | 350 | Performa Flat | Ball | 2.06251.445 | Delrin (441) | 7 1/8" | 4 5/16" | 3 1/2 |
| | | 350 | Performa Flat Conductive | Ball | 2.06251.445COND | – | 7 1/8" | 4 5/16" | 3 1/2 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.06251.95 | Delrin (91) | 7 1/8" | 4 5/16" | 3 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.06251.95G | Delrin (91G) | 7 1/8" | 4 5/16" | 3 |
| | | 350 | Polyolefin | Ball | 2.06251.55 | Delrin (53) | 7 1/8" | 4 5/16" | 3 |

2 Series

2 Series

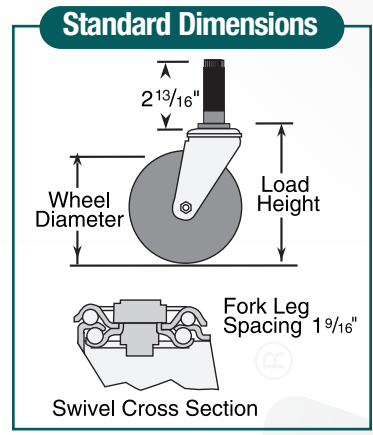
EXPANDING ADAPTER STEM

Capacity up to **350 lbs each**



- ### Features
- Zinc plated finish is attractive and durable
 - Full double ball hardened raceways for better performance and greater durability
 - 3/8" hollow axle with lock nut
 - Grease holes on wheel bearing for greater convenience
 - "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

- ### Standard Mounting
- Turning of hex nut beneath lower raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit
 - To order, select caster model number and specify stem adapter size by code number from mounting options chart below



Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05267.91 MTG40 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05267.RR2 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05267.53 MTG40 BRK5).

Fork Option

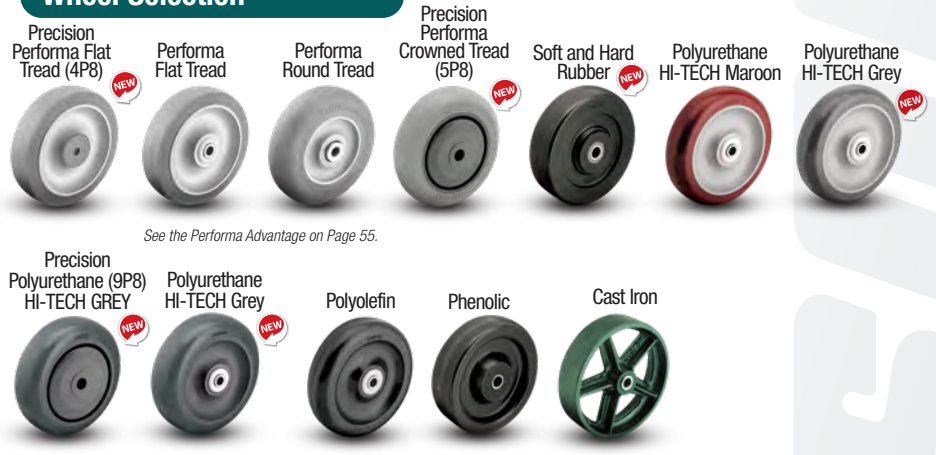
NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05267.441 MTG40 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02267).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.

Mounting Options

(See page 97)

| Inside Diameter of Tube | Mounting Code Numbers | |
|-------------------------|-----------------------|---------------|
| | Round Tubing | Square Tubing |
| 3/4" - 13/16" | MTG40 | - |
| 7/8" - 15/16" | MTG41 | MTG51 |
| 1" - 1 1/16" | MTG42 | MTG52 |
| 1 1/8" - 1 3/16" | MTG43 | MTG53 |
| 1 1/4" - 1 5/16" | MTG44 | MTG54 |
| 1 3/8" - 1 7/16" | MTG45 | MTG55 |
| 1 1/2" - 1 9/16" | MTG46 | - |
| 1 5/8" - 1 11/16" | MTG47 | - |

Stems are 2 11/16" long. Stem size less adapter: 1/2" - 13UNC x 2 13/16"

Thread Guards

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards (See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05267.441 MTG40 TG2.

To order you must add the mounting code to the Stem Caster Model number (Example: 2.02267.441 MTG40).

Colson 2 Series Casters • Expanding Adapter Stem • Capacity to 350 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Standard Bearings | Swivel Caster Models | Optional Bearings | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-------------------------------------|-------------------|----------------------|-------------------|-------------|---------------|-----------------|
| 2 1/2" | 1 1/4" | 140 | Performa Flat | Ball | 2.02267.445 | Delrin (441) | 4" | 2 13/32" | 1 5/8 |
| | | 200 | Polyolefin | Ball | 2.02267.55 | Delrin (53) | 4" | 2 13/32" | 1 5/8 |
| | | 250 | Polyurethane Hi-Tech Maroon | Ball | 2.02267.95 | Delrin (91) | 4" | 2 13/32" | 1 5/8 |
| | | 250 | Polyurethane Hi-Tech Grey | Ball | 2.02267.95G | Delrin (91G) | 4" | 2 13/32" | 1 5/8 |
| | 300 | Cast Iron | Plain | 2.02267.12 | — | 4" | 2 13/32" | 2 | |
| | 1 7/16" | 300 | Phenolic | Roller | 2.02267.319 | — | 4" | 2 13/32" | 1 5/8 |
| 3" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03367.RR2 | — | 4 1/4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03367.55 | Delrin (52) | 4 1/4" | 2 21/32" | 2 |
| | | 200 | Performa Flat | Ball | 2.03367.445 | Delrin (441) | 4 1/4" | 2 21/32" | 2 |
| | | 200 | Precision Performa Flat | Precision Ball | 2.03367.4P8 | — | 4 1/4" | 2 21/32" | 2 |
| | | 200 | Performa Crown | Precision Ball | 2.03367.5P8 | — | 4 1/4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03367.55 | Delrin (52) | 4 1/4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Maroon | Ball | 2.03367.95 | Delrin (91) | 4 1/4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Grey | Ball | 2.03367.95G | Delrin (91G) | 4 1/4" | 2 21/32" | 2 |
| | | 300 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03367.9P8 | — | 4 1/4" | 2 21/32" | 2 |
| | 300 | Cast Iron | Plain | 2.03367.14 | — | 4 1/4" | 2 21/32" | 2 3/4 | |
| | 350 | Hard Rubber | Plain | 2.03367.RN2 | — | 4 1/4" | 2 21/32" | 2 | |
| | 1 15/32" | 350 | Phenolic | Roller | 2.03367.309 | — | 4 1/4" | 2 21/32" | 2 3/4 |
| 3 1/2" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03267.RR2 | — | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 250 | Performa Flat | Ball | 2.03267.445 | Delrin (441) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Precision Performa Flat | Precision Ball | 2.03267.4P8 | — | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Crown | Precision Ball | 2.03267.5P8 | — | 4 9/16" | 2 29/32" | 2 1/8 |
| | 1 5/16" | 250 | Performa Round | Ball | 2.03267.675 | Delrin (561) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 280 | Polyolefin | Ball | 2.03267.55 | Delrin (53) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 300 | Cast Iron | Plain | 2.03267.12 | — | 4 9/16" | 2 29/32" | 3 |
| | 1 1/4" | 350 | Phenolic | Roller | 2.03267.309 | — | 4 9/16" | 2 29/32" | 3 |
| | | 350 | Hard Rubber | Plain | 2.03267.RN2 | — | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.03267.95 | Delrin (91) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.03267.95G | Delrin (91G) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03267.9P8 | — | 4 9/16" | 2 29/32" | 1 3/4 |
| 4" | 1 1/4" | 150 | Soft Rubber | Plain | 2.04267.RR2 | — | 5 1/4" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Flat | Ball | 2.04267.445 | Delrin (441) | 5 1/4" | 3 29/32" | 2 1/4 |
| | | 300 | Precision Performa Flat | Precision Ball | 2.04267.4P8 | — | 5 1/4" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Crown | Precision Ball | 2.04267.5P8 | — | 5 1/4" | 3 29/32" | 2 1/4 |
| | | 300 | Cast Iron | Plain | 2.04267.12 | — | 5 1/4" | 3 29/32" | 3 3/8 |
| | | 350 | Polyolefin | Ball | 2.04267.55 | Delrin (53) | 5 1/4" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.04267.95 | Delrin (91) | 5 1/4" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.04267.95G | Delrin (91G) | 5 1/4" | 3 29/32" | 2 1/8 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.04267.9P8 | — | 5 1/4" | 3 29/32" | 2 1/8 |
| | 350 | Hard Rubber | Plain | 2.04267.RN2 | — | 5 1/4" | 3 29/32" | 2 1/4 | |
| | | | 350 | Phenolic | Roller | 2.04267.309 | — | 5 1/4" | 3 29/32" |
| 5" | 1 1/4" | 175 | Soft Rubber | Plain | 2.05267.RR2 | — | 6 5/16" | 3 13/16" | 3 |
| | | 300 | Cast Iron | Plain | 2.05267.12 | — | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 325 | Performa Flat | Ball | 2.05267.445 | Delrin (441) | 6 5/16" | 3 13/16" | 3 1/2 |
| | | 325 | Precision Performa Flat | Precision Ball | 2.05267.445 | — | 6 5/16" | 3 13/16" | 3 1/2 |
| | | 325 | Performa Crown | Precision Ball | 2.05267.5P8 | — | 6 5/16" | 3 13/16" | 3 1/2 |
| | 1 5/16" | 325 | Performa Round | Ball | 2.05267.675 | Delrin (561) | 6 5/16" | 3 13/16" | 3 1/2 |
| | | 350 | Hard Rubber | Plain | 2.05267.RN2 | — | 6 5/16" | 3 13/16" | 3 |
| | | 350 | Polyolefin | Ball | 2.05267.55 | Delrin (53) | 6 5/16" | 3 13/16" | 2 1/2 |
| | 1 1/4" | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.05267.95 | Delrin (91) | 6 5/16" | 3 13/16" | 2 1/2 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.05267.95G | Delrin (91G) | 6 5/16" | 3 13/16" | 2 1/2 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.05267.9P8 | — | 6 5/16" | 3 13/16" | 2 1/2 |
| | | 350 | Phenolic | Roller | 2.05267.309 | — | 6 5/16" | 3 13/16" | 3 3/4 |
| 6" | 1 1/4" | 350 | Performa Flat | Ball | 2.06267.445 | Delrin (441) | 7 3/8" | 4 5/16" | 3 1/2 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.06267.95 | Delrin (91) | 7 3/8" | 4 5/16" | 2 3/4 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.06267.95G | Delrin (91G) | 7 3/8" | 4 5/16" | 2 3/4 |
| | | 350 | Polyolefin | Ball | 2.06267.55 | Delrin (53) | 7 3/8" | 4 5/16" | 2 3/4 |

*To order you must include mounting code in the Mounting Option chart on previous page. (Example: 2.02267.441 MTG40).

2 Series

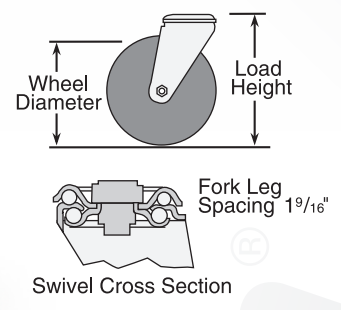
2 Series

Capacity up to **350 lbs each**

MODULAR STEM



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Colson modular stem casters feature a 1/2" hollow rivet which will accept a wide variety of mounting stems (even a standard 1/2" bolt will work)
- You can supply the mounting fasteners or stems – we supply the casters

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05250.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05250.319 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05250.565 COND BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05250.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02250).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.

Thread Guards

Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards
(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05250.441 TG2.

Colson 2 Series Casters • Modular Stem • Capacity to 350 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Standard Bearings | Swivel Caster Models | Optional Bearings | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-------------------------------------|-------------------|----------------------|-------------------|-------------|---------------|-----------------|
| 2 1/2" | 1 1/4" | 125 | Performa Flat Conductive | Ball | 2.02250.445COND | - | 3 3/4" | 2 13/32" | 1 1/2 |
| | | 140 | Performa Flat | Ball | 2.02250.445 | Delrin (441) | 3 3/4" | 2 13/32" | 1 1/2 |
| | | 200 | Polyolefin | Ball | 2.02250.55 | Delrin (53) | 3 3/4" | 2 13/32" | 1 1/2 |
| | | 250 | Polyurethane Hi-Tech Maroon | Ball | 2.02250.95 | Delrin (91) | 3 3/4" | 2 13/32" | 1 1/2 |
| | | 250 | Polyurethane Hi-Tech Grey | Ball | 2.02250.95G | Delrin (91G) | 3 3/4" | 2 13/32" | 1 1/2 |
| | 300 | Cast Iron | Plain | 2.02250.12 | - | - | 3 3/4" | 2 13/32" | 2 1/8 |
| | 1 7/16" | 300 | Phenolic | Roller | 2.02250.319 | - | 3 3/4" | 2 13/32" | 1 3/4 |
| 3" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03350.RR2 | - | 4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03350.55 | Delrin (52) | 4" | 2 21/32" | 2 |
| | | 200 | Performa Flat | Ball | 2.03350.445 | Delrin (441) | 4" | 2 21/32" | 2 |
| | | 200 | Precision Performa Flat | Precision Ball | 2.03350.4P8 | - | 4" | 2 21/32" | 2 |
| | | 200 | Performa Crown | Precision Ball | 2.03350.5P8 | - | 4" | 2 21/32" | 2 |
| | | 200 | Performa Flat Conductive | Ball | 2.03350.445COND | - | 4" | 2 21/32" | 2 |
| | | 200 | Polyolefin | Ball | 2.03350.55 | Delrin (52) | 4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Maroon | Ball | 2.03350.95 | Delrin (91) | 4" | 2 21/32" | 2 |
| | | 300 | Polyurethane Hi-Tech Grey | Ball | 2.03350.95G | Delrin (91G) | 4" | 2 21/32" | 2 |
| | | 300 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03350.9P8 | - | 4" | 2 21/32" | 2 |
| | | 300 | Cast Iron | Plain | 2.03350.14 | - | - | 4" | 2 21/32" |
| | 350 | Hard Rubber | Plain | 2.03350.RN2 | - | - | 4" | 2 21/32" | 2 |
| | | 1 15/32" | 350 | Phenolic | Roller | 2.03350.309 | - | 4" | 2 21/32" |
| 3 1/2" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03250.RR2 | - | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 250 | Performa Flat | Ball | 2.03250.445 | Delrin (441) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Flat Conductive | Ball | 2.03250.445COND | - | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Precision Performa Flat | Precision Ball | 2.03250.4P8 | - | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Crown | Precision Ball | 2.03250.5P8 | - | 4 9/16" | 2 29/32" | 2 1/8 |
| | 1 5/16" | 250 | Performa Round | Ball | 2.03250.505 | Delrin (561) | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 250 | Performa Round Conductive | Ball | 2.03250.505COND | - | 4 9/16" | 2 29/32" | 2 1/8 |
| | | 280 | Polyolefin | Ball | 2.03250.55 | Delrin (53) | 4 9/16" | 2 29/32" | 2 1/8 |
| | 1 1/4" | 300 | Thermo | Plain | 2.03250.52HT | - | 4 9/16" | 2 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.03250.12 | - | 4 9/16" | 2 29/32" | 3 |
| | | 350 | Phenolic | Roller | 2.03250.309 | - | 4 9/16" | 2 29/32" | 3 |
| | | 350 | Hard Rubber | Plain | 2.03250.RN2 | - | 4 9/16" | 2 29/32" | 2 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.03250.95 | Delrin (91) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.03250.95G | Delrin (91G) | 4 9/16" | 2 29/32" | 1 3/4 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03250.9P8 | - | 4 9/16" | 2 29/32" | 1 3/4 |
| 4" | 1 1/4" | 150 | Soft Rubber | Plain | 2.04250.RR2 | - | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Flat | Ball | 2.04250.445 | Delrin (441) | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Flat Conductive | Ball | 2.04250.445COND | - | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Precision Performa Flat | Precision Ball | 2.04250.4P8 | - | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Crown | Precision Ball | 2.04250.5P8 | - | 5" | 3 29/32" | 2 1/4 |
| | | 300 | Thermo | Plain | 2.04250.52HT | - | 5" | 3 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.04250.12 | - | 5" | 3 29/32" | 3 3/8 |
| | | 350 | Polyolefin | Ball | 2.04250.55 | Delrin (53) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.04250.95 | Delrin (91) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.04250.95G | Delrin (91G) | 5" | 3 29/32" | 2 1/8 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.04250.9P8 | - | 5" | 3 29/32" | 2 1/8 |
| | 350 | Hard Rubber | Plain | 2.04250.RN2 | - | 5" | 3 29/32" | 2 1/4 | |
| | 350 | Phenolic | Roller | 2.04250.309 | - | 5" | 3 29/32" | 3 3/8 | |
| 5" | 1 1/4" | 175 | Soft Rubber | Plain | 2.05250.RR2 | - | 6 1/16" | 3 13/16" | 3 |
| | | 300 | Cast Iron | Plain | 2.05250.12 | - | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 325 | Performa Flat | Ball | 2.05250.445 | Delrin (441) | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Flat Conductive | Ball | 2.05250.445COND | - | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Precision Performa Flat | Precision Ball | 2.05250.445 | - | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Crown | Precision Ball | 2.05250.5P8 | - | 6 1/16" | 3 13/16" | 3 |
| | 1 5/16" | 325 | Performa Round Conductive | Ball | 2.05250.505COND | - | 6 1/16" | 3 13/16" | 3 |
| | | 325 | Performa Round | Ball | 2.05250.505 | Delrin (561) | 6 1/16" | 3 13/16" | 3 |
| | | 350 | Hard Rubber | Plain | 2.05250.RN2 | - | 6 1/16" | 3 13/16" | 3 |
| | 1 1/4" | 350 | Polyolefin | Ball | 2.05250.55 | Delrin (53) | 6 1/16" | 3 13/16" | 2 3/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.05250.95 | Delrin (91) | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.05250.95G | Delrin (91G) | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.05250.9P8 | - | 6 1/16" | 3 13/16" | 2 1/2 |
| | | 350 | Thermo | Plain | 2.05250.52HT | - | 6 1/16" | 3 13/16" | 3 3/4 |
| | | 350 | Phenolic | Roller | 2.05250.309 | - | 6 1/16" | 3 13/16" | 3 3/4 |
| 6" | 1 1/4" | 350 | Performa Flat | Ball | 2.06250.445 | Delrin (441) | 7 1/8" | 4 5/16" | 3 1/2 |
| | | 350 | Performa Flat Conductive | Ball | 2.06250.445COND | - | 7 1/8" | 4 5/16" | 3 1/2 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.06250.95 | Delrin (91) | 7 1/8" | 4 5/16" | 3 |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.06250.95G | Delrin (91G) | 7 1/8" | 4 5/16" | 3 |
| | | 350 | Polyolefin | Ball | 2.06250.55 | Delrin (53) | 7 1/8" | 4 5/16" | 3 |

2 Series

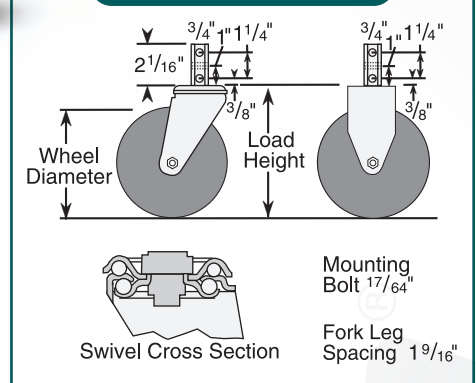
2 Series

Square Stem Swivel & Rigid

Capacity up to **350 lbs each**



Standard Dimensions



- ### Features
- Zinc plated finish is attractive and durable
 - Full double ball hardened raceways for better performance and greater durability
 - 3/8" hollow axle with lock nut
 - Grease holes on wheel bearing for greater convenience
 - "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures
- ### Standard Mounting
- **Stem Size:** 2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter
 - Designed for easy installation on the inside of angle iron legs or against flat surfaces
 - Stems may be bolted or riveted against any flat vertical surface

Caster Brake



Top Lock
(See page 86) Available on all swivel models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05270.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05270.4P5 BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**; Example: 2.05270.12 BRK5).

Fork Option

- NSF Listed For Food Service Industry**
Consult factory for details.
- Swivel Dust Cap**
(See page 90) (Specify **DC1**; Example: 2.05270.441 DC1).
- Forks only**
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02270).
- Axle/Nut Options**
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.



Thread Guards

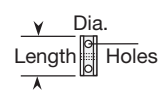
Standard Thread Guards
Full thread guards are standard on Precision Polyurethane HI-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are

standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards(See page 98) Available on many models. Specify **TG1** for metal or **TG2** for plastic; Example: 2.05270.441 TG2.

Mounting Options

Standard Mounting (no code necessary):
2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter.



- MTG1:** 7/8" dia square stem 2 1/16" long x w/1 mounting hole 17/64" diameter.
- MTG3:** 3/4" dia. octagon stem 2 1/16" long x w/3 mounting holes 17/64" diameter.
- MTG30:** 1.36" x 2.19; (2 grip rings)
- MTG60:** 3/4" octagon x 2 w/3 holes

- MTG66:** .858" x 2.06 w/2 holes
- MTG67:** .858" x 2.00" w/1 hole
- MTG57:** 7/8" dia. x 2 1/2" long (2 15/16" dia holes)
- MTG58:** 7/8" x 2 1/2" long (3 15/64" dia. holes)

To order optional mounting, add mounting code to Swivel Stem Caster Models number (Example: 2.02270.441 MTG1).

Colson 2 Series Casters • Square Stem Swivel & Rigid • Capacity to 350 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Standard Bearings | Swivel Caster Models | Optional Bearings | Load Height | Swivel Radius | Weight (Pounds) | |
|------------|-------------|------------------------|-------------------------------------|-------------------|----------------------|-------------------|-------------|---------------|-----------------|-------|
| 2 1/2" | 1 1/4" | 125 | Performa Flat Conductive | Ball | 2.02270.445COND | – | 3 3/4" | 2 13/32" | 1 5/8 | |
| | | 140 | Performa Flat | Ball | 2.02270.445 | Delrin (441) | 3 3/4" | 2 13/32" | 1 5/8 | |
| | | 200 | Polyolefin | Ball | 2.02270.55 | Delrin (53) | 3 3/4" | 2 13/32" | 1 5/8 | |
| | | 250 | Polyurethane Hi-Tech Maroon | Ball | 2.02270.95 | Delrin (91) | 3 3/4" | 2 13/32" | 1 5/8 | |
| | | 250 | Polyurethane Hi-Tech Grey | Ball | 2.02270.95G | Delrin (91G) | 3 3/4" | 2 13/32" | 1 5/8 | |
| | 300 | Cast Iron | Plain | 2.02270.12 | – | – | 3 3/4" | 2 13/32" | 2 1/8 | |
| | 1 7/16" | 300 | Phenolic | Roller | 2.02270.319 | – | 3 3/4" | 2 13/32" | 2 | |
| 3" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03370.RR2 | – | 4" | 2 21/32" | 2 | |
| | | 200 | Polyolefin | Ball | 2.03370.55 | Delrin (52) | 4" | 2 21/32" | 2 | |
| | | 200 | Performa Flat | Ball | 2.03370.445 | Delrin (441) | 4" | 2 21/32" | 2 | |
| | | 200 | Precision Performa Flat | Precision Ball | 2.03370.4P8 | – | 4" | 2 21/32" | 2 | |
| | | 200 | Performa Crown | Precision Ball | 2.03370.5P8 | – | 4" | 2 21/32" | 2 | |
| | | 200 | Performa Flat Conductive | Ball | 2.03370.445COND | – | 4" | 2 21/32" | 2 | |
| | | 200 | Polyolefin | Ball | 2.03370.55 | Delrin (52) | 4" | 2 21/32" | 2 | |
| | | 300 | Polyurethane Hi-Tech Maroon | Ball | 2.03370.95 | Delrin (91) | 4" | 2 21/32" | 2 | |
| | | 300 | Polyurethane Hi-Tech Grey | Ball | 2.03370.95G | Delrin (91G) | 4" | 2 21/32" | 2 | |
| | | 300 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03370.9P8 | – | 4" | 2 21/32" | 2 | |
| | | 300 | Cast Iron | Plain | 2.03370.14 | – | – | 4" | 2 21/32" | 2 3/4 |
| | | 350 | Hard Rubber | Plain | 2.03370.RN2 | – | – | 4" | 2 21/32" | 2 |
| | | 1 15/32" | 350 | Phenolic | Roller | 2.03370.309 | – | 4" | 2 21/32" | 2 3/4 |
| | 3 1/2" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03270.RR2 | – | 4 9/16" | 2 29/32" | 2 1/4 |
| 250 | | | Performa Flat | Ball | 2.03270.445 | Delrin (441) | 4 9/16" | 2 29/32" | 2 1/8 | |
| 250 | | | Performa Flat Conductive | Ball | 2.03270.445COND | – | 4 9/16" | 2 29/32" | 2 1/8 | |
| 250 | | | Precision Performa Flat | Precision Ball | 2.03270.4P8 | – | 4 9/16" | 2 29/32" | 2 1/8 | |
| 250 | | | Performa Crown | Precision Ball | 2.03270.5P8 | – | 4 9/16" | 2 29/32" | 2 1/8 | |
| 1 5/16" | | 250 | Performa Round | Ball | 2.03270.705 | Delrin (561) | 4 9/16" | 2 29/32" | 2 1/8 | |
| | | 250 | Performa Round Conductive | Ball | 2.03270.705COND | – | 4 9/16" | 2 29/32" | 2 1/8 | |
| 1 1/4" | | 280 | Polyolefin | Ball | 2.03270.55 | Delrin (53) | 4 9/16" | 2 29/32" | 2 1/8 | |
| | | 300 | Thermo | Plain | 2.03270.52HT | – | 4 9/16" | 2 29/32" | 3 1/8 | |
| | | 300 | Cast Iron | Plain | 2.03270.12 | – | 4 9/16" | 2 29/32" | 3 | |
| | | 350 | Phenolic | Roller | 2.03270.309 | – | 4 9/16" | 2 29/32" | 3 | |
| | | 350 | Hard Rubber | Plain | 2.03270.RN2 | – | 4 9/16" | 2 29/32" | 2 1/4 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.03270.95 | Delrin (91) | 4 9/16" | 2 29/32" | 1 3/4 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.03270.95G | Delrin (91G) | 4 9/16" | 2 29/32" | 1 3/4 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03270.9P8 | – | 4 9/16" | 2 29/32" | 1 3/4 | |
| 4" | 1 1/4" | 150 | Soft Rubber | Plain | 2.04270.RR2 | – | 5" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Flat | Ball | 2.04270.445 | Delrin (441) | 5" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Flat Conductive | Ball | 2.04270.445COND | – | 5" | 3 29/32" | 2 1/4 | |
| | | 300 | Precision Performa Flat | Precision Ball | 2.04270.4P8 | – | 5" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Crown | Precision Ball | 2.04270.5P8 | – | 5" | 3 29/32" | 2 1/4 | |
| | | 300 | Thermo | Plain | 2.04270.52HT | – | 5" | 3 29/32" | 3 1/8 | |
| | | 300 | Cast Iron | Plain | 2.04270.12 | – | 5" | 3 29/32" | 3 3/8 | |
| | | 350 | Polyolefin | Ball | 2.04270.55 | Delrin (53) | 5" | 3 29/32" | 2 1/8 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.04270.95 | Delrin (91) | 5" | 3 29/32" | 2 1/8 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.04270.95G | Delrin (91G) | 5" | 3 29/32" | 2 1/8 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.04270.9P8 | – | 5" | 3 29/32" | 2 1/8 | |
| | | 350 | Hard Rubber | Plain | 2.04270.RN2 | – | 5" | 3 29/32" | 2 1/4 | |
| | 350 | Phenolic | Roller | 2.04270.309 | – | 5" | 3 29/32" | 3 3/8 | | |
| | 5" | 1 1/4" | 175 | Soft Rubber | Plain | 2.05270.RR2 | – | 6 1/16" | 3 13/16" | 3 |
| 300 | | | Cast Iron | Plain | 2.05270.12 | – | 6 3/16" | 3 13/16" | 2 1/2 | |
| 325 | | | Performa Flat | Ball | 2.05270.445 | Delrin (441) | 6 1/16" | 3 13/16" | 3 | |
| 325 | | | Performa Flat Conductive | Ball | 2.05270.445COND | – | 6 1/16" | 3 13/16" | 3 | |
| 325 | | | Precision Performa Flat | Precision Ball | 2.05270.445 | – | 6 1/16" | 3 13/16" | 3 | |
| 325 | | | Performa Crown | Precision Ball | 2.05270.5P8 | – | 6 1/16" | 3 13/16" | 3 | |
| 1 5/16" | | 325 | Performa Round Conductive | Ball | 2.05270.705COND | – | 6 1/16" | 3 13/16" | 3 | |
| | | 325 | Performa Round | Ball | 2.05270.705 | Delrin (561) | 6 1/16" | 3 13/16" | 3 | |
| 1 1/4" | | 350 | Hard Rubber | Plain | 2.05270.RN2 | – | 6 1/16" | 3 13/16" | 3 | |
| | | 350 | Polyolefin | Ball | 2.05270.55 | Delrin (53) | 6 1/16" | 3 13/16" | 2 3/4 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.05270.95 | Delrin (91) | 6 1/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.05270.95G | Delrin (91G) | 6 1/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.05270.9P8 | – | 6 1/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Thermo | Plain | 2.05270.52HT | – | 6 1/16" | 3 13/16" | 3 3/4 | |
| | | 350 | Phenolic | Roller | 2.05270.309 | – | 6 1/16" | 3 13/16" | 3 3/4 | |
| 6" | 1 1/4" | 350 | Performa Flat | Ball | 2.06270.445 | Delrin (441) | 7 1/8" | 4 5/16" | 3 1/2 | |
| | | 350 | Performa Flat Conductive | Ball | 2.06270.445COND | – | 7 1/8" | 4 5/16" | 3 1/2 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.06270.95 | Delrin (91) | 7 1/8" | 4 5/16" | 3 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.06270.95G | Delrin (91G) | 7 1/8" | 4 5/16" | 3 | |
| | | 350 | Polyolefin | Ball | 2.06270.55 | Delrin (53) | 7 1/8" | 4 5/16" | 3 | |

2 Series



2 Series

Capacity up to **350 lbs each**

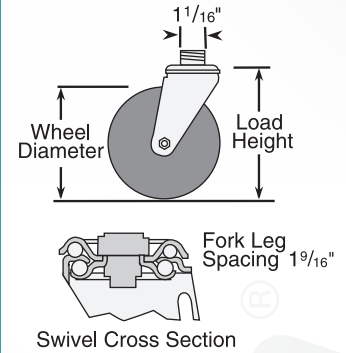
PIPE THREAD STEM



www.ColsonCaster.com
Consult factory for RoHS and NSF requirements on a part specific basis.



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- Fits Standard 3/4" NPT Pipe Coupling
- **Stem Size:** approximately 1 1/16" diameter
- The pipe thread stem screws directly into a standard pipe coupling for a rigid and permanent fit with full swivel action

Easy Installation

- The 7/16" hex nut beneath the lower raceway makes it fast and easy to install these casters on a wide variety of equipment

Caster Brake



Top Lock
(See page 86) Available on all models with solid axle only. Field installable (Specify **BRK1**; Example: 2.05253.91 BRK1).



Posi Lock
(See page 87) Available on all swivels. Field installable (Specify **BRK8**; Example: 2.05253.9P8BRK8).



Total Lock
(See page 86) Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" models. Field installable (Specify **BRK5**; Example: 2.05253.445 COND BRK5).

Fork Option

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 2.05253.441 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.02253).

Axle/Nut Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.

Thread Guards

Standard Thread Guards

Full thread guards are standard on Precision Polyurethane Hi-TECH (9P8) and Performa Crowned Tread (5P8). Partial Thread Guards are standard on Precision Performa Rubber Flat Tread models (4P8).

Optional Thread Guards

(See page 98) Available on many models Specify **TG1** for metal or **TG2** for plastic; Example: 2.05253.441 TG2.

Mounting Options

Standard Mounting (no code necessary):

3/4" 14NPT x .62" w/ 7/16" hex mount to fit on standard 3/4" pipe

MTG23: 1 1/4" x 7/8" w/1.0" hex

To order optional mounting, add mounting code to Swivel Stem Caster Models number (Example: 2.02253.441 MTG23).

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Colson 2 Series Casters • Pipe Thread Stem • Capacity to 350 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Standard Bearings | Swivel Caster Models | Optional Bearings | Load Height | Swivel Radius | Weight (Pounds) | |
|------------|-------------|-------------------------------------|-------------------------------------|-------------------|----------------------|-------------------|-------------|---------------|-----------------|-------|
| 2 1/2" | 1 1/4" | 125 | Performa Flat Conductive | Ball | 2.02253.445COND | – | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 140 | Performa Flat | Ball | 2.02253.445 | Delrin (441) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 200 | Polyolefin | Ball | 2.02253.55 | Delrin (53) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 250 | Polyurethane Hi-Tech Maroon | Ball | 2.02253.95 | Delrin (91) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | | 250 | Polyurethane Hi-Tech Grey | Ball | 2.02253.95G | Delrin (91G) | 3 7/8" | 2 13/32" | 1 5/8 | |
| | 300 | Cast Iron | Plain | 2.02253.12 | – | – | 3 7/8" | 2 13/32" | 2 | |
| | 1 7/16" | 300 | Phenolic | Roller | 2.02253.319 | – | 3 7/8" | 2 13/32" | 2 | |
| 3" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03353.RR2 | – | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Polyolefin | Ball | 2.03353.55 | Delrin (52) | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Performa Flat | Ball | 2.03353.445 | Delrin (441) | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Precision Performa Flat | Precision Ball | 2.03353.4P8 | – | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Performa Crown | Precision Ball | 2.03353.5P8 | – | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Performa Flat Conductive | Ball | 2.03353.445COND | – | 4 1/8" | 2 21/32" | 2 | |
| | | 200 | Polyolefin | Ball | 2.03353.55 | Delrin (52) | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Polyurethane Hi-Tech Maroon | Ball | 2.03353.95 | Delrin (91) | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Polyurethane Hi-Tech Grey | Ball | 2.03353.95G | Delrin (91G) | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03353.9P8 | – | 4 1/8" | 2 21/32" | 2 | |
| | | 300 | Cast Iron | Plain | 2.03353.14 | – | – | 4 1/8" | 2 21/32" | 2 |
| | 350 | Hard Rubber | Plain | 2.03353.RN2 | – | – | 4 1/8" | 2 21/32" | 2 3/4 | |
| | 1 15/32" | 350 | Phenolic | Roller | 2.03353.309 | – | – | 4 1/8" | 2 21/32" | 2 3/4 |
| 3 1/2" | 1 1/4" | 150 | Soft Rubber | Plain | 2.03253.RR2 | – | 4 11/16" | 2 29/32" | 2 1/4 | |
| | | 250 | Performa Flat | Ball | 2.03253.445 | Delrin (441) | 4 11/16" | 2 29/32" | 2 | |
| | | 250 | Performa Flat Conductive | Ball | 2.03253.445COND | – | 4 11/16" | 2 29/32" | 2 | |
| | | 250 | Precision Performa Flat | Precision Ball | 2.03253.4P8 | – | 4 11/16" | 2 29/32" | 2 | |
| | | 250 | Performa Crown | Precision Ball | 2.03253.5P8 | – | 4 11/16" | 2 29/32" | 2 1/4 | |
| | 1 5/16" | 250 | Performa Round | Ball | 2.03253.535 | Delrin (561) | 4 11/16" | 2 29/32" | 2 | |
| | | 250 | Performa Round Conductive | Ball | 2.03253.535COND | – | 4 11/16" | 2 29/32" | 2 | |
| | | 280 | Polyolefin | Ball | 2.03253.55 | Delrin (53) | 4 11/16" | 2 29/32" | 1 7/8 | |
| | 1 1/4" | 300 | Thermo | Plain | 2.03253.52HT | – | 4 11/16" | 2 29/32" | 3 | |
| | | 300 | Cast Iron | Plain | 2.03253.12 | – | – | 4 11/16" | 2 29/32" | 3 |
| | | 350 | Phenolic | Roller | 2.03253.309 | – | – | 4 11/16" | 2 29/32" | 3 |
| | | 350 | Hard Rubber | Plain | 2.03253.RN2 | – | – | 4 11/16" | 2 29/32" | 2 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.03253.95 | Delrin (91) | 4 11/16" | 2 29/32" | 1 7/8 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.03253.95G | Delrin (91G) | 4 11/16" | 2 29/32" | 1 7/8 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.03253.9P8 | – | – | 4 11/16" | 2 29/32" | 1 7/8 |
| 4" | 1 1/4" | 150 | Soft Rubber | Plain | 2.04253.RR2 | – | 5 1/8" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Flat | Ball | 2.04253.445 | Delrin (441) | 5 1/8" | 3 29/32" | 2 1/4 | |
| | | 300 | Performa Flat Conductive | Ball | 2.04253.445COND | – | – | 5 1/8" | 3 29/32" | 2 1/4 |
| | | 300 | Precision Performa Flat | Precision Ball | 2.04253.4P8 | – | – | 5 1/8" | 3 29/32" | 2 1/4 |
| | | 300 | Performa Crown | Precision Ball | 2.04253.5P8 | – | – | 5 1/8" | 3 29/32" | 2 1/4 |
| | | 300 | Thermo | Plain | 2.04253.52HT | – | – | 5 1/8" | 3 29/32" | 3 1/8 |
| | | 300 | Cast Iron | Plain | 2.04253.12 | – | – | 5 1/8" | 3 29/32" | 3 3/8 |
| | | 350 | Polyolefin | Ball | 2.04253.55 | Delrin (53) | 5 1/8" | 3 29/32" | 2 1/8 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.04253.95 | Delrin (91) | 5 1/8" | 3 29/32" | 2 1/8 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.04253.95G | Delrin (91G) | 5 1/8" | 3 29/32" | 2 1/8 | |
| | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.04253.9P8 | – | – | 5 1/8" | 3 29/32" | 2 1/8 | |
| | 350 | Hard Rubber | Plain | 2.04253.RN2 | – | – | 5 1/8" | 3 29/32" | 2 1/4 | |
| 350 | Phenolic | Roller | 2.04253.309 | – | – | 5 1/8" | 3 29/32" | 3 3/8 | | |
| 5" | 1 1/4" | 175 | Soft Rubber | Plain | 2.05253.RR2 | – | 6 3/16" | 3 13/16" | 3 | |
| | | 300 | Cast Iron | Plain | 2.05253.12 | – | – | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 325 | Performa Flat | Ball | 2.05253.445 | Delrin (441) | 6 3/16" | 3 13/16" | 3 | |
| | | 325 | Performa Flat Conductive | Ball | 2.05253.445COND | – | – | 6 3/16" | 3 13/16" | 3 |
| | | 325 | Precision Performa Flat | Precision Ball | 2.05253.445 | – | – | 6 3/16" | 3 13/16" | 3 |
| | | 325 | Performa Crown | Precision Ball | 2.05253.5P8 | – | – | 6 3/16" | 3 13/16" | 3 |
| | 1 5/16" | 325 | Performa Round Conductive | Ball | 2.05253.535COND | – | – | 6 3/16" | 3 13/16" | 3 |
| | | 325 | Performa Round | Ball | 2.05253.535 | Delrin (561) | 6 3/16" | 3 13/16" | 3 | |
| | | 350 | Hard Rubber | Plain | 2.05253.RN2 | – | – | 6 3/16" | 3 13/16" | 3 |
| | 1 1/4" | 350 | Polyolefin | Ball | 2.05253.55 | Delrin (53) | 6 3/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.05253.95 | Delrin (91) | 6 3/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.05253.95G | Delrin (91G) | 6 3/16" | 3 13/16" | 2 1/2 | |
| | | 350 | Precision Polyurethane Hi-Tech Grey | Precision Ball | 2.05253.9P8 | – | – | 6 3/16" | 3 13/16" | 2 1/2 |
| | | 350 | Thermo | Plain | 2.05253.52HT | – | – | 6 3/16" | 3 13/16" | 3 3/4 |
| | | 350 | Phenolic | Roller | 2.05253.309 | – | – | 6 3/16" | 3 13/16" | 3 3/4 |
| 6" | 1 1/4" | 350 | Performa Flat | Ball | 2.06253.445 | Delrin (441) | 7 1/4" | 4 5/16" | 3 1/4 | |
| | | 350 | Performa Flat Conductive | Ball | 2.06253.445COND | – | – | 7 1/4" | 4 5/16" | 3 1/4 |
| | | 350 | Polyurethane Hi-Tech Maroon | Ball | 2.06253.95 | Delrin (91) | 7 1/4" | 4 5/16" | 2 7/8 | |
| | | 350 | Polyurethane Hi-Tech Grey | Ball | 2.06253.95G | Delrin (91G) | 7 1/4" | 4 5/16" | 2 7/8 | |
| | | 350 | Polyolefin | Ball | 2.06253.55 | Delrin (53) | 7 1/8" | 4 5/16" | 3 | |

2 Series

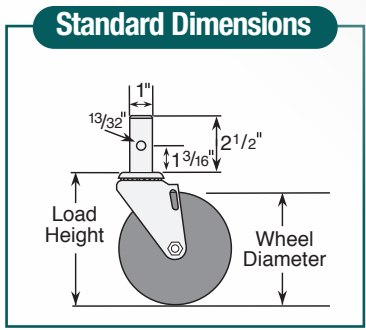
2 Series

Capacity up to 250 lbs each

CONVERTIBLE HAND TRUCK



- ### Features
- Zinc plated finish is attractive and durable
 - 3/8" Bolted Axle
 - Features polyolefin thread guard
 - Available with top lock brake
 - Compatible with many different nationally branded convertible hand trucks



Standard Mounting

1" x 2 1/2" long stem with one mounting hole, .40" dia.

Colson 2 Series Casters • Convertible Hand Truck • Capacity to 250 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Description | Wheel Bearing | Stem Caster Model | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-------------------|-------------------------|-------------------|-------------|---------------|-----------------|
| 5" | 1 5/16" | 250 | TPR (Round) | Centered Precision Ball | 2.05551.568 | 5 7/8" | 3 13/16" | 2 |

Caster Brake

Top Lock Brake
Brake is not field installable (Specify **BRK1**; Example: 2.05551.568 BRK1).

Wheel Option

Thread Guards
Standard polyolefin thread guard.

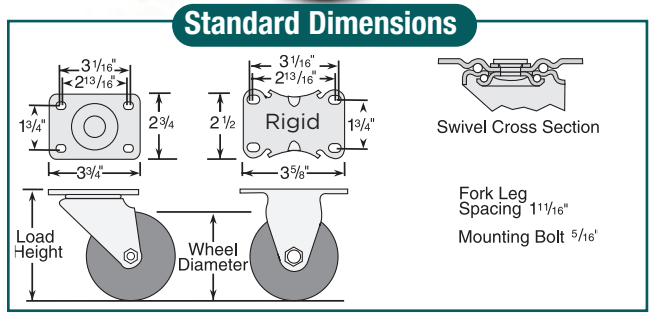
2 Series

Capacity up to 210 lbs each

LoPro Swivel & Rigid



- ### Features
- Zinc plated finish is attractive and durable
 - Heat treated full double ball hardened raceways
 - Low profile design offers low load height and quick swivel response
 - Ideal for business machines, stock picking carts, warehouse dollies and housekeeping carts
 - Thread guards standard on all models, but are not available with 3" brake option



Colson 2 Series Casters • LoPro Top Plate Swivel & Rigid • Capacity to 210 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|--------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 2 1/2" | 1 1/8" | 120 | Cushion Rubber | Nylon* | 2.02689.44 | 2.02688.44 | 3 5/16" | 2 3/8" | 1 |
| | | 175 | Hard Rubber | Nylon* | 2.02689.54 | 2.02688.54 | 3 5/16" | 2 3/8" | 1 |
| 3" | 1 1/4" | 125 | Cushion Rubber | Nylon* | 2.03689.44 | 2.03688.44 | 3 13/16" | 2 11/16" | 1 1/2 |
| | | 210 | Hard Rubber | Nylon* | 2.03689.54 | 2.03688.54 | 3 13/16" | 2 11/16" | 1 1/2 |

*Nylon bearing with powdered metal bushing.

Caster Brake

Side Lock
(See page 87) Easy to engage and disengage with a touch of the pedal (3" models only). To order specify **BRK3**; Example: 2.03689.54 BRK3.

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

Swivel & Rigid

ENCORE®

WHERE ECONOMY MEETS QUALITY

— Dolly Caster Capacity up to 260 lbs each



www.EncoreCaster.com

Consult factory for RoHS and NSF requirements on a part specific basis.



Standard Features

- Durable and cost-effective zinc plated finish
- Double ball swivel raceways for better performance and greater strength
- Single insert molded wheel bearing offers smooth rolling and is maintenance free for the life of the dolly
- Unique tread material is non-marking and resists cutting or tearing like other TPR materials
- Applications include moving dollies, medium duty material handling carts, stock carts and more



Encore Dolly

Caster Brake



Top Lock

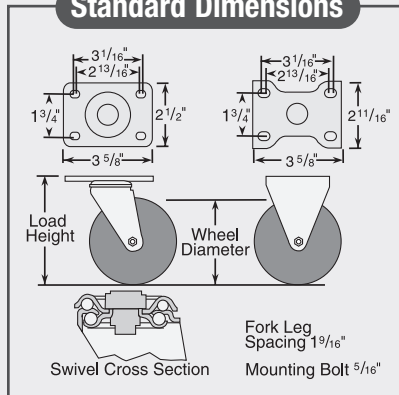
Brake is not field installable. Available with standard top plate only. Specify "B1" to order with caster.



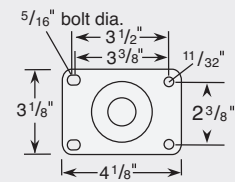
Total Lock

Brake is not field installable. Available with standard top plate only. Specify "B5" to order with caster.

Standard Dimensions



Optional Top Plate



59 Top Plate: Available on swivel model only. To order caster with MTG59 top plate, change seventh digit to "9" (Example: E2.D3859.465).

Encore Dolly Casters • Top Plate Swivel & Rigid • Capacity to 260 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1 lbs.) |
|------------|-------------|------------------------|--------------------|--------------------------------|-------------------------------|-------------|---------------|----------------------------------|
| 3" | 1 1/4" | 180 | TPR (Flat/Grey) | E2.D3856.465 | E2.D3808.465 | 4 1/8" | 2 19/32" | 1 5/8 |
| 3 1/2" | 1 1/4" | 200 | TPR (Flat/Grey) | E2.D3756.465 | E2.D3708.465 | 4 11/16" | 2 27/32" | 1 7/8 |
| 4" | 1 1/4" | 240 | TPR (Flat/Grey) | E2.D4756.465 | E2.D4708.465 | 5 1/8" | 3 11/32" | 2 |
| 5" | 1 1/4" | 260 | TPR (Flat/Grey) | E2.D5756.465 | E2.D5708.465 | 6 3/16" | 3 13/16" | 2 1/4 |

2 Series

Capacity up to **325 lbs each**

STAINLESS STEEL Swivel & Rigid

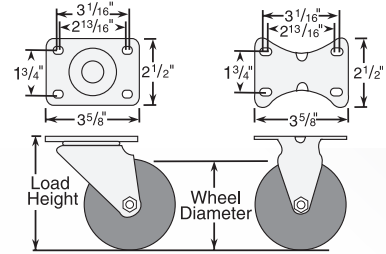


www.ColsonCaster.com

Consult factory for RoHS and NSF requirements on a part specific basis.



Standard Dimensions



Fork Leg Spacing 1 5/8"
Mounting Bolt 5/16"

Features

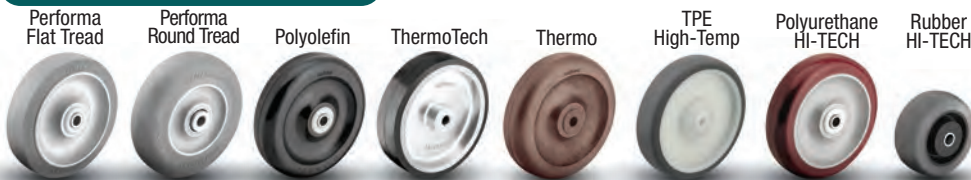
- Polished 304 grade stainless steel construction handles the most punishing, corrosive conditions
- Double ball raceways for better performance and greater durability
- All component parts, including spanner bushing, axle and nut are stainless steel
- Designed to perform in the most hostile environments
- If rust is a problem... Colson stainless steel is the solution

Colson 2 Series Casters • Stainless Steel Top Plate Swivel & Rigid • Capacity to 325 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 3" | 1 1/4" | 150 | Rubber HI-TECH | Plain | 2.33456.42 | 2.33408.42 | 4 1/4" | 3 1/8" | 1 5/8 |
| | | 200 | Polyolefin | Delrin | 2.33456.544 | 2.33408.544 | 4 1/4" | 3 1/8" | 1 5/8 |
| | | | Polyurethane HI-TECH | Plain | 2.33456.944 | 2.33408.944 | 4 1/4" | 3 1/8" | 1 5/8 |
| 3 1/2" | 1 1/4" | 225 | TPE High-Temp | Prec. Ball | 2.03456.414 H | 2.03408.414 H | 4 11/16" | 3 3/8" | 1 7/8 |
| | | 250 | Polyolefin | Delrin | 2.03456.544 | 2.03408.544 | 4 11/16" | 3 3/8" | 1 5/8 |
| | | | Polyurethane HI-TECH | Delrin | 2.03456.944 | 2.03408.944 | 4 11/16" | 3 3/8" | 1 7/8 |
| | | | Perma Rubber (Flat) | Delrin | 2.03456.444 | 2.03408.444 | 4 11/16" | 3 3/8" | 1 3/4 |
| | 300 | Thermo | Plain | 2.03456.52 HT | 2.03408.52 HT | 4 11/16" | 3 3/8" | 1 5/8 | |
| 1 5/16" | 210 | Perma Rubber (Round) | Delrin | 2.03456.564 | 2.03408.564 | 4 11/16" | 3 3/8" | 1 3/4 | |
| 4" | 1 1/4" | 250 | ThermoTech | Teflon | 2.04456.613 H | 2.04408.613 H | 5 1/8" | 3 5/16" | 3 |
| | | 275 | TPE High-Temp | Prec. Ball | 2.04456.414 H | 2.04408.414 H | 5 1/8" | 3 5/16" | 2 1/4 |
| | | | Polyolefin | Delrin | 2.04456.544 | 2.04408.544 | 5 1/8" | 3 5/16" | 2 1/8 |
| | | | Polyurethane HI-TECH | Delrin | 2.04456.944 | 2.04408.944 | 5 1/8" | 3 5/16" | 2 1/8 |
| | | | Perma Rubber (Flat) | Delrin | 2.04456.444 | 2.04408.444 | 5 1/8" | 3 5/16" | 2 1/4 |
| 300 | Thermo | Plain | 2.04456.52 HT | 2.04408.52 HT | 5 1/8" | 3 5/16" | 2 1/4 | | |
| 5" | 1 1/4" | 250 | ThermoTech | Teflon | 2.05456.613 H | 2.05408.613 H | 6 3/16" | 4 1/16" | 3 |
| | | 300 | Polyolefin | Delrin | 2.05456.544 | 2.05408.544 | 6 3/16" | 4 1/16" | 2 3/8 |
| | | | Polyurethane HI-TECH | Delrin | 2.05456.944 | 2.05408.944 | 6 3/16" | 4 1/16" | 2 5/8 |
| | | | TPE High-Temp | Prec. Ball | 2.05456.414 H | 2.05408.414 H | 6 3/16" | 4 1/16" | 2 3/4 |
| | | | Perma Rubber (Flat) | Delrin | 2.05456.444 | 2.05408.444 | 6 3/16" | 4 1/16" | 2 3/4 |
| | 325 | Thermo | Plain | 2.05456.52 HT | 2.05408.52 HT | 6 3/16" | 4 1/16" | 2 3/4 | |
| 1 5/16" | 250 | Perma Rubber (Round) | Delrin | 2.05456.564 | 2.05408.564 | 6 3/16" | 4 1/16" | 2 3/4 | |

Hollow Kingpin: available by special order only, consult factory

Wheel Selection



Fork Option

NSF Listed For Food Service Industry
Available on all models (Specify **FSI**;
Example: 2.05456.444 FSI).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 2.33456).

Caster Brake



Top Lock
(See page 86) Available on all swivel models. Not recommended for high-temp applications. Field installable (Specify **BRK1**; Example: 2.05456.944 BRK1).



Tech Lock
(See page 87) Available on 4" and 5" swivel models. Field installable (Specify **BRK2**; Example: 2.05456.544 BRK2).



Total Lock
(See page 86) Riveted design is not field installable. Locks wheel and swivel. Available on all swivel models (Specify **BRK4**; Example: 2.05456.944 BRK4).

3D CAD Models & Data Sheets
www.colsoncaster.com/casters

2 Series

STAINLESS STEEL PRECISION Swivel & Rigid

Capacity up to 300 lbs each



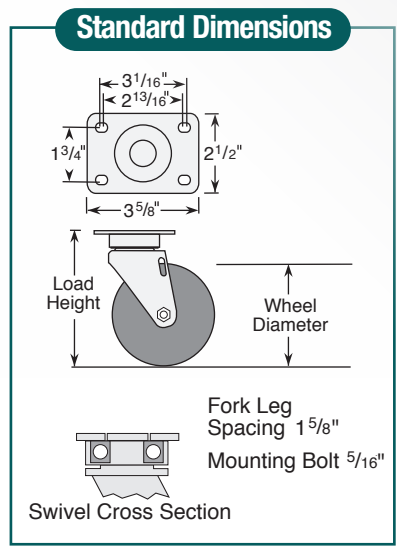
Colson 2 Series

Features

- Ergonomically friendly and durable stainless steel precision bearing swivel raceway for maximum roll and swivel ease
- All component parts stainless steel to handle the most punishing, corrosive conditions
- Maintenance free, permanently sealed, precision bearing in metal housing
- 5/32" stainless steel top plate for maximum durability
- High impact strength

Typical Applications

- Typical applications include medical applications, autoclave operations or where wash down of equipment is required



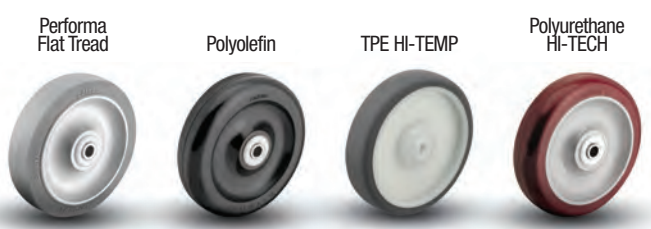
Precision Raceway Advantage:

- *Quieter than conventional casters*
- *Smooth and easy turning*
- *Ergonomic: less force to push & pull*

Colson 2 Series Casters • Stainless Steel Precision • Capacity to 300 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|------------------------|----------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 5" | 1 1/4" | 275 | Polyolefin | Delrin | 2.X5456.544 | 2.05408.544 | 6 3/16" | 3 13/16" | 2 5/8 |
| | | | Polyurethane HI-TECH | Delrin | 2.X5456.944 | 2.05408.944 | 6 3/16" | 3 13/16" | 2 5/8 |
| | | 300 | Performa Rubber (Flat) | Delrin | 2.X5456.444 | 2.05408.444 | 6 3/16" | 3 13/16" | 2 3/4 |
| | | | TPE HI-TEMP | Precision Ball | 2.X5456.414 H | 2.05408.414 H | 6 3/16" | 3 13/16" | 2 1/4 |

Wheel Selection



See the Performa Advantage on Page 55.

Fork Option

NSF Listed For Food Service Industry
Available on all models (Specify FSI;
Example: 2.X5456.544 FSI).

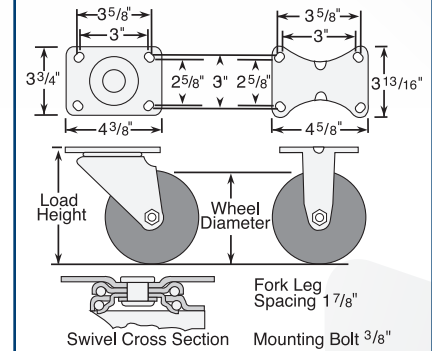
Forks Only
To order caster forks only, use 1st 6 digits of model numbers (Example: 2.X5456).

3 Series

TOP PLATE Swivel & Rigid
Capacity up to **400 lbs each**



Standard Dimensions



Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Permanent rivet kingpin construction
- Reinforcing washer on upper & lower raceway for swivel models
- Grease holes: wheel bearing
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures
- .164" steel top plate

Caster Brake



Top Lock
(See page 87) Available on all swivel models. Field installable (Specify **BRK1**; Example: 3.00517.449 BRK1).

Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Swivel Dust Cap
(See page 90) (Specify **DC1**; Example: 3.00517.449 DC1).

Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 3.00317).

Thread Guards
(See page 98) Available on many models (Specify **TG1** for metal; Example: 3.00517.909 TG1).

Axle/Nut Options
Consult factory.

Lube Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.

Colson 3 Series Casters • Top Plate Swivel & Rigid • Capacity to 400 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Consult Factory) | Load Height | Swivel Radius | Weight (Pounds) |
|------------|----------------|------------------------|-----------------------------------|---|--|-------------------------------------|-------------|---------------|-----------------|
| 3" | 1 1/2" | 250 | Performa Rubber (Flat/Grey) | 3.00317.449 | 3.00308.449 | Delrin, PPBB | 4 1/2" | 3 1/8" | 3 |
| | | 300 | Polyolefin | 3.00317.809 | 3.00308.809 | Delrin, Plain, PPBB | 4 1/2" | 3 1/8" | 2 3/4 |
| | | | Polyurethane HI-TECH | 3.00317.909 | 3.00308.909 | Delrin, PPBB | 4 1/2" | 3 1/8" | 3 |
| | | 400 | Phenolic | 3.00317.309 | 3.00308.309 | Delrin, PPBB | 4 1/2" | 3 1/8" | 2 3/4 |
| | | | Cast Iron | 3.00317.109 | 3.00308.109 | Delrin, PPBB | 4 1/2" | 3 1/8" | 4 1/4 |
| | | | Thermo | 3.00317.819 HT | 3.00308.819 HT | Plain, Bronze | 4 1/2" | 3 1/8" | 2 3/4 |
| 4" | 1 1/2" | 255 | Performa Rubber (Conductive/Flat) | 3.00417.449 COND | 3.00408.449 COND | PPBB | 5 3/8" | 3 5/8" | 3 1/2 |
| | | 325 | Performa Rubber (Flat/Grey) | 3.00417.449 | 3.00408.449 | Delrin, PPBB | 5 3/8" | 3 5/8" | 3 1/2 |
| | | 375 | Polyolefin | 3.00417.809 | 3.00408.809 | Delrin, Plain, PPBB | 5 3/8" | 3 5/8" | 3 |
| | | 400 | Maxim | 3.00417.509 | 3.00408.509 | Delrin, Bronze, PPBB | 5 3/8" | 3 5/8" | 3 1/4 |
| | | | Polyurethane HI-TECH | 3.00417.909 | 3.00408.909 | Delrin, PPBB | 5 3/8" | 3 5/8" | 3 1/4 |
| | | | Phenolic | 3.00417.309 | 3.00408.309 | Delrin, PPBB | 5 3/8" | 3 5/8" | 3 1/4 |
| | | | Cast Iron | 3.00417.109 | 3.00408.109 | Delrin, PPBB | 5 3/8" | 3 5/8" | 4 1/2 |
| | | Thermo | 3.00417.819 HT | 3.00408.819 HT | Plain, Bronze | 5 3/8" | 3 5/8" | 3 | |
| 5" | 1 1/2" | 280 | Performa Rubber (Conductive/Flat) | 3.00517.449 COND | 3.00508.449 COND | PPBB | 6 3/8" | 4 1/8" | 3 1/2 |
| | | 350 | Performa Rubber (Flat/Grey) | 3.00517.449 | 3.00508.449 | Delrin, PPBB | 6 3/8" | 4 1/8" | 3 1/2 |
| | | 400 | Polyolefin | 3.00517.809 | 3.00508.809 | Delrin, Plain, PPBB | 6 3/8" | 4 1/8" | 3 1/4 |
| | | | Polyurethane HI-TECH | 3.00517.909 | 3.00508.909 | Delrin, PPBB | 6 3/8" | 4 1/8" | 3 1/2 |
| | | | Phenolic | 3.00517.309 | 3.00508.309 | Delrin, PPBB | 6 3/8" | 4 1/8" | 3 1/4 |
| | | | Cast Iron | 3.00517.109 | 3.00508.109 | Delrin, PPBB | 6 3/8" | 4 1/8" | 5 |
| Thermo | 3.00517.819 HT | 3.00508.819 HT | Plain, Bronze | 6 3/8" | 4 1/8" | 3 1/4 | | | |
| 6" | 1 1/2" | 300 | Performa Rubber (Conductive/Flat) | 3.00617.449 COND | 3.00608.449 COND | PPBB | 7 3/8" | 4 5/8" | 3 3/4 |
| | | 375 | Performa Rubber (Flat/Grey) | 3.00617.449 | 3.00608.449 | Delrin, PPBB | 7 3/8" | 4 5/8" | 3 3/4 |
| | | 400 | Polyolefin | 3.00617.809 | 3.00608.809 | Delrin, Plain, PPBB | 7 3/8" | 4 5/8" | 3 |
| | | | Polyurethane HI-TECH | 3.00617.909 | 3.00608.909 | Delrin, PPBB | 7 3/8" | 4 5/8" | 3 3/4 |
| | | | Phenolic | 3.00617.309 | 3.00608.309 | Delrin, PPBB | 7 3/8" | 4 5/8" | 3 3/4 |
| | | | Cast Iron | 3.00617.109 | 3.00608.109 | Delrin, PPBB | 7 3/8" | 4 5/8" | 6 |

Bearing Options

Wheels feature roller bearings in above chart. Consult factory for ordering details.



Roller Bearing
Metal cage roller bearing. (Specify **WB29**).
(Example: 3.00317.449 WB29).



Delrin Bearings
For standard two-piece bearing change 9th digit to "1"
(Example: 3.00317.441).
One-piece with steel thrust washers (Specify **WB11**; Example: 3.00317.441 WB11).



Pedestal Precision Ball Bearing (PPBB)
To order change 9th digit to "5" (Example: 3.00317.445).



Bronze
To order, change the 9th digit in model number to "4"
(Example: 3.00317.814 HT).

3 Series

3 Series

SQUARE OR ROUND STEMS

Capacity up to **400 lbs each**



Features

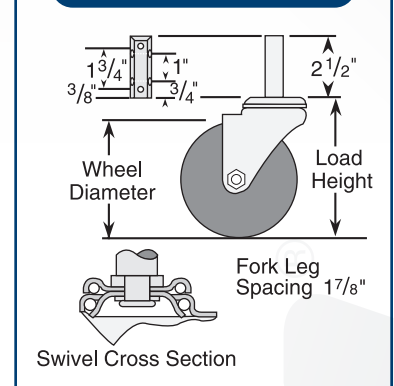
- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Permanent rivet kingpin construction
- Reinforcing washer on upper & lower raceway
- Grease holes: wheel bearing
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Standard Mounting

- **Square Stem:** Four 17/64" diameter holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square



Standard Dimensions



Caster Brake



Top Lock
(See page 87) Available on all swivel models. Field installable (Specify **BRK1**; Example: 3.00514.109 MTG7 BRK1).

Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

(See page 90) (Specify **DC1**; Example: 3.00514.449 DC1).

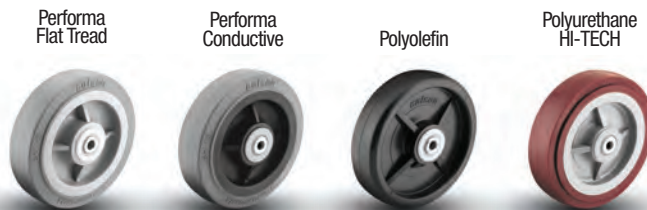
Forks Only
To order caster forks only use 1st 6 digits of model numbers (Example: 3.00314).

Thread Guards
(See page 98) Available on many models (Specify **TG1** for metal; Example: 3.00514.909 TG1).

Axle/Nut Options
Consult factory.

Lube Options
Consult factory.

Wheel Selection



See the Performa Advantage on Page 55.



Mounting Options

Square Stem
Standard Mounting (no code necessary):
Four 17/64" diameter holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square.

Round Stem
MTG7: 2 1/2" long x 3/4" diameter
MTG9: 2 1/2" long x 7/8" diameter
MTG11: 2 1/2" long x 1" diameter

To order with optional round stem, add mounting code to Square Stem Caster Models number (Example: 3.00314.449 MTG7).

Colson 3 Series Casters • Round or Square Stem • Capacity to 400 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Square Stem Roller Bearing Models* | Optional Bearings (Order info below chart) | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-----------------------------------|------------------------------------|--|-------------|---------------|-----------------|
| 3" | 1 1/2" | 250 | Performa Rubber (Flat/Grey) | 3.00314.449 | Delrin, PPBB | 4 5/16" | 3 1/8" | 2 1/2 |
| | | 300 | Polyolefin | 3.00314.809 | Delrin, PPBB | 4 5/16" | 3 1/8" | 2 1/2 |
| | | | Polyurethane HI-TECH | 3.00314.909 | Delrin, PPBB | 4 5/16" | 3 1/8" | 2 1/2 |
| | | | Phenolic | 3.00314.309 | Delrin, PPBB | 4 5/16" | 3 1/8" | 2 1/2 |
| | | 400 | Cast Iron | 3.00314.109 | Delrin, PPBB | 4 5/16" | 3 1/8" | 3 3/4 |
| | | | Thermo | 3.00314.819 HT | Plain, Bronze | 4 5/16" | 3 1/8" | 2 1/2 |
| 4" | 1 1/2" | 255 | Performa Rubber (Conductive/Flat) | 3.00414.449 COND | PPBB | 5 3/16" | 3 5/8" | 2 2/3 |
| | | 325 | Performa Rubber (Flat/Grey) | 3.00414.449 | Delrin, PPBB | 5 3/16" | 3 5/8" | 2 2/3 |
| | | 375 | Polyolefin | 3.00414.809 | Delrin, PPBB | 5 3/16" | 3 5/8" | 2 3/4 |
| | | 400 | Maxim | 3.00414.509 | Delrin, Bronze, PPBB | 5 3/16" | 3 5/8" | 2 3/4 |
| | | | Polyurethane HI-TECH | 3.00414.909 | Delrin, PPBB | 5 3/16" | 3 5/8" | 2 3/4 |
| | | | Phenolic | 3.00414.309 | Delrin, PPBB | 5 3/16" | 3 5/8" | 2 3/4 |
| | | | Cast Iron | 3.00414.109 | Delrin, PPBB | 5 3/16" | 3 5/8" | 4 |
| | | | Thermo | 3.00414.819 HT | Plain, Bronze | 5 3/16" | 3 5/8" | 2 3/4 |
| 5" | 1 1/2" | 280 | Performa Rubber (Conductive/Flat) | 3.00514.449 COND | PPBB | 6 3/16" | 3 7/8" | 3 |
| | | 350 | Performa Rubber (Flat/Grey) | 3.00514.449 | Delrin, PPBB | 6 3/16" | 3 7/8" | 3 |
| | | 400 | Polyolefin | 3.00514.809 | Delrin, PPBB | 6 3/16" | 3 7/8" | 3 |
| | | | Polyurethane HI-TECH | 3.00514.909 | Delrin, PPBB | 6 3/16" | 3 7/8" | 3 |
| | | | Phenolic | 3.00514.309 | Delrin, PPBB | 6 3/16" | 3 7/8" | 3 |
| | | | Cast Iron | 3.00514.109 | Delrin, PPBB | 6 3/16" | 3 7/8" | 4 1/2 |
| | | | Thermo | 3.00514.819 HT | Plain, Bronze | 6 3/16" | 3 7/8" | 3 |
| 6" | 1 1/2" | 300 | Performa Rubber (Conductive/Flat) | 3.00614.449 COND | PPBB | 7 3/16" | 4 5/8" | 4 |
| | | 375 | Performa Rubber (Flat/Grey) | 3.00614.449 | Delrin, PPBB | 7 3/16" | 4 5/8" | 4 |
| | | 400 | Polyolefin | 3.00614.809 | Delrin, PPBB | 7 3/16" | 4 5/8" | 3 1/2 |
| | | | Polyurethane HI-TECH | 3.00614.909 | Delrin, PPBB | 7 3/16" | 4 5/8" | 3 1/2 |
| | | | Phenolic | 3.00614.309 | Delrin, PPBB | 7 3/16" | 4 5/8" | 3 1/2 |
| | | | Cast Iron | 3.00614.109 | Delrin, PPBB | 7 3/16" | 4 5/8" | 5 3/4 |

*To order with optional round stem, add mounting code to Square Stem Caster Models number (Example: 3.00314.449 MTG7).

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right. Consult factory for ordering details.



Roller Bearing
Metal cage roller bearing. (Specify **WB29**). (Example: 3.00314.449 WB29).



Delrin Bearings
For standard two-piece bearing change 9th digit to "1" (Example: 3.00314.441). One-piece with steel thrust washers (Specify **WB11**; Example: 3.00314.441 WB11).



Pedestal Precision Ball Bearing (PPBB)
To order change 9th digit to "5" (Example: 3.00314.445).



Bronze
To order, change the 9th digit in model number to "4" (Example: 3.00314.814 HT).

3 Series

4

TOP PLATE Swivel & Rigid



www.ColsonCaster.com

Consult factory for RoHS and NSF requirements on a part specific basis.



Series

Capacity up to **1250 lbs each**
Standard 2" tread width



Features

- All caster forks and many wheels USA-made for highest quality and quick delivery (see [USA](#))
- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Permanent rivet kingpin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 4.04109).



Foot Activated Swivel Lock

(See page 90) Available on all swivel casters with standard top plate (Specify **MTG81**; Example: 4.06109.839 EN MTG81).

Hand Activated Swivel Lock

(See page 90) Available on all swivel casters in Bolt-On or Welded design.

DirtBan Swivel Seal

(See page 90) Not available on swivel lock models (Specify **SEAL**; Example: 4.06109.459 SEAL).

Thread Guards

(See page 98) Available on many models (Specify **TG1** for metal or **TG2** for plastic; Example: 4.06109.459 TG2).

Load Height Option

6" dia. models with 7 1/4" load height. Only Side Lock brakes (Specify **LH7.25**; Example: 4.06109.459 LH7.25).

Axle/Nut Options

Consult factory.

Lube Options

Consult factory.

Caster Brake



Tread Lock

(See page 89) Available on all swivel casters except 3 1/4" diameter and V-Groove models (Specify **BRK1**; Example: 4.06109.929 BRK1).



Tech Lock®

(See page 88-89) Available on all swivel casters except 3 1/4" diameter, V-Groove and Swivel Lock models. 6" rigid model available (Specify **BRK2**; Example: 4.06109.939.3 BRK2).



Side Lock

(See page 88) Available on all swivel roller bearing or one piece Delrin models except 3 1/4" diameter (Specify **BRK3**; Example: 4.06109.459.2 BRK3).



Total Lock

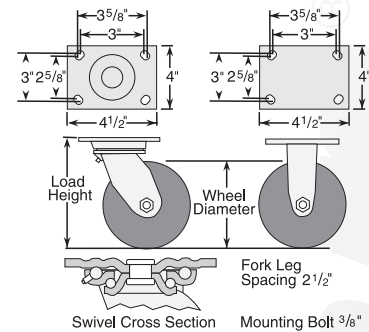
(See page 89) Available on 4", 5", 6" & 8" swivel models except 3 1/4" diameter and V-Groove wheels (Specify **BRK4**; Example: 4.06109.5F9 BRK4).



Top Lock

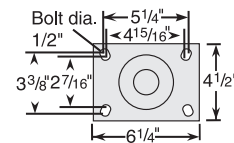
(See page 88) Available on 4", 5", 6" and 8" swivel models except V-Groove (Specify **BRK7**; Example: 4.06109.5F9 BRK7).

Standard Dimensions

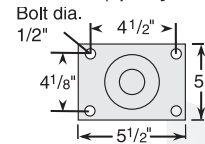


Optional Top Plates

#2 Top Plate (Specify MTG2).



#4 Top Plate (Specify MTG4).



To order optional top plate, add mounting code to Caster Models number (Example: 4.03109.339 MTG2).

CAD Models & Datasheets Online!
www.colsoncaster.com/casters/

See the Performa Advantage on Page 55.

Wheel Selection



Colson 4 Series Casters (2" tread widths) • Top Plate Swivel & Rigid • Capacity to 1250 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |
|------------------------------------|--------------------------------------|-----------------------------------|--------------------------------------|---|--|---|----------------|---------------|-----------------------------------|
| 3 1/4" | 2" | 700 | Phenolic | 4.03109.339 | 4.03108.339 | Delrin, PPBB | 5 1/4" | 3 3/16" | 4 3/4 |
| | | 300 | Maxim | 4.03109.539 | 4.03108.539 | Delrin, Bronze, PPBB | 5 1/4" | 3 3/16" | 4 3/4 |
| 4" | 2" | 400 | Performa Rubber (Flat/Conductive) | 4.04109.459 COND | 4.04108.459 COND | PPBB | 5 5/8" | 3 9/16" | 5 3/4 |
| | | | Performa Rubber (Flat/Black) | 4.04109.459.2 | 4.04108.459.2 | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 9/16" | 5 3/4 |
| | | | Performa Rubber (Flat/Grey) | 4.04109.459 | 4.04108.459 | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 9/16" | 5 3/4 |
| | | 500 | Performa Rubber (Round) | 4.04109.559 | 4.04108.559 | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 9/16" | 5 3/4 |
| | | | Moldon Rubber (Cast iron core) | 4.04109.649.7 | 4.04108.649.7 | Delrin, PPBB | 5 5/8" | 3 9/16" | 7 1/4 |
| | | | Polyolefin | 4.04109.839 | 4.04108.839 | Delrin, Plain, PPBB | 5 5/8" | 3 9/16" | 4 1/2 |
| | | 600 | HydroTech | 4.04109.HF9 | 4.04108.HF9 | Delrin, PPBB | 5 5/8" | 3 9/16" | 4 3/4 |
| | | | Moldon Polyurethane (Aluminum core) | 4.04109.939 | 4.04108.939 | Delrin, PPBB | 5 5/8" | 3 9/16" | 5 1/4 |
| | | | Moldon Polyurethane (Cast iron core) | 4.04109.949.7 | 4.04108.949.7 | Delrin, PPBB | 5 5/8" | 3 9/16" | 7 1/4 |
| | | 720 | Polyurethane HI-TECH | 4.04109.929 | 4.04108.929 | Delrin, PPBB | 5 5/8" | 3 9/16" | 4 3/4 |
| | | | Polyurethane Antimicrobial HI-TECH | 4.04109.929G | 4.04108.929G | Delrin, PPBB | 5 5/8" | 3 9/16" | 4 3/4 |
| | | | CG-MAX Efficiency Wheel™ (Orange)* | 4.04109.9NC | 4.04108.9NC | Precision Ball Standard | 5 5/8" | 3 9/16" | 7 1/4 |
| | | 800 | CG-MAX Efficiency Wheel™ (Maroon)* | 4.04109.9PC | 4.04108.9PC | Precision Ball Standard | 5 5/8" | 3 9/16" | 7 1/4 |
| | | | Maxim | 4.04109.539 | 4.04108.539 | Delrin, Bronze, PPBB | 5 5/8" | 3 9/16" | 4 1/8 |
| | | | Phenolic | 4.04109.339 | 4.04108.339 | Delrin, PPBB | 5 5/8" | 3 9/16" | 5 3/4 |
| | | 1000 | Thermo | 4.04109.839 HT | 4.04108.839 HT | Plain, Bronze | 5 5/8" | 3 9/16" | 6 3/4 |
| | | | V-Groove | 4.04109.739 | 4.04108.739 | Delrin, PPBB | 5 5/8" | 3 9/16" | 8 1/8 |
| | | | Endura Solid Elastomer | 4.04109.839 EN | 4.04108.839 EN | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 9/16" | 5 3/4 |
| | | 5" | 2" | 325 | Cast Iron | 4.04109.139 | 4.04108.139 | Delrin, PPBB | 5 5/8" |
| Performa Rubber (Flat/Conductive) | 4.05109.459 COND | | | | 4.05108.459 COND | PPBB | 6 1/2" | 4 1/4" | 6 1/8 |
| Moldon Rubber (Cast iron core) | 4.05109.649.7 | | | | 4.05108.649.7 | Delrin, PPBB | 6 1/2" | 4 1/4" | 8 1/8 |
| 425 | Performa Rubber (Round) | | | 4.05109.559 | 4.05108.559 | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 1/4" | 6 1/8 |
| | Performa Rubber (Flat/Black) | | | 4.05109.459.2 | 4.05108.459.2 | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 1/4" | 6 1/8 |
| | Performa Rubber (Flat/Grey) | | | 4.05109.459 | 4.05108.459 | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 1/4" | 6 1/8 |
| 500 | Polyolefin | | | 4.05109.839 | 4.05108.839 | Delrin, Plain, PPBB | 6 1/2" | 4 1/4" | 4 7/8 |
| | HydroTech | | | 4.05109.HF9 | 4.05108.HF9 | Delrin, PPBB | 6 1/2" | 4 1/4" | 4 3/4 |
| | Polyurethane HI-TECH | | | 4.05109.929 | 4.05108.929 | Delrin, PPBB | 6 1/2" | 4 1/4" | 4 3/4 |
| 650 | Polyurethane Antimicrobial HI-TECH | | | 4.05109.929G | 4.05108.929G | Delrin, PPBB | 6 1/2" | 4 1/4" | 4 3/4 |
| | CG-MAX Efficiency Wheel™ (Orange)* | | | 4.05109.9NC | 4.05108.9NC | Precision Ball Standard | 6 1/2" | 4 1/4" | 4 3/4 |
| | CG-MAX Efficiency Wheel™ (Maroon)* | | | 4.05109.9PC | 4.05108.9PC | Precision Ball Standard | 6 1/2" | 4 1/4" | 4 3/4 |
| 750 | Maxim | | | 4.05109.539 | 4.05108.539 | Delrin, Bronze, PPBB | 6 1/2" | 4 1/4" | 4 1/2 |
| | Endura Solid Elastomer | | | 4.05109.839 EN | 4.05108.839 EN | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 1/4" | 5 3/4 |
| | Moldon Polyurethane (Aluminum core) | | | 4.05109.939 | 4.05108.939 | Delrin, PPBB | 6 1/2" | 4 1/4" | 6 1/8 |
| 900 | Moldon Polyurethane (Cast iron core) | | | 4.05109.949.7 | 4.05108.949.7 | Delrin, PPBB | 6 1/2" | 4 1/4" | 8 1/8 |
| | Moldon Nylon | | | 4.05109.939.3 | 4.05108.939.3 | Delrin, PPBB | 6 1/2" | 4 1/4" | 9 1/4 |
| | Phenolic | | | 4.05109.339 | 4.05108.339 | Delrin, PPBB | 6 1/2" | 4 1/4" | 5 3/4 |
| 6" | 2" | | | 410 | Thermo | 4.05109.839 HT | 4.05108.839 HT | Plain, Bronze | 6 1/2" |
| | | Cast Iron | 4.05109.139 | | 4.05108.139 | Delrin, PPBB | 6 1/2" | 4 1/4" | 8 7/8 |
| | | Performa Rubber (Flat/Conductive) | 4.06109.459 COND | | 4.06108.459 COND | PPBB | 7 1/2" | 5" | 6 1/8 |
| | | 450 | Performa Rubber (Round/Conductive) | 4.06109.559 COND | 4.06108.559 COND | PPBB | 7 1/2" | 5" | 6 1/8 |
| | | | Performa Rubber (Round) | 4.06109.559 | 4.06108.559 | Delrin, Prec. Ball, PPBB | 7 1/2" | 5" | 6 1/8 |
| | | | Moldon Rubber (Cast iron core) | 4.06109.649.7 | 4.06108.649.7 | Delrin, PPBB | 7 1/2" | 5" | 10 1/2 |
| | | 600 | Performa Rubber (Flat/Black) | 4.06109.459.2 | 4.06108.459.2 | Delrin, Prec. Ball, PPBB | 7 1/2" | 5" | 6 1/8 |
| | | | Performa Rubber (Flat/Grey) | 4.06109.459 | 4.06108.459 | Delrin, Prec. Ball, PPBB | 7 1/2" | 5" | 6 1/8 |
| | | | Polyolefin | 4.06109.839 | 4.06108.839 | Delrin, Plain, PPBB | 7 1/2" | 5" | 5 1/2 |
| | | 700 | HydroTech | 4.06109.HF9 | 4.06108.HF9 | Delrin, PPBB | 7 1/2" | 5" | 5 |
| | | | Polyurethane HI-TECH | 4.06109.929 | 4.06108.929 | Delrin, PPBB | 7 1/2" | 5" | 5 |
| | | | Polyurethane Antimicrobial HI-TECH | 4.06109.929G | 4.06108.929G | Delrin, PPBB | 7 1/2" | 5" | 5 |
| | | 900 | Endura Solid Elastomer | 4.06109.839 EN | 4.06108.839 EN | Delrin, Prec. Ball, PPBB | 7 1/2" | 5" | 7 |
| | | | Maxim | 4.06109.539 | 4.06108.539 | Delrin, Bronze, PPBB | 7 1/2" | 5" | 4 3/4 |
| | | | Moldon Polyurethane (Aluminum core) | 4.06109.939 | 4.06108.939 | Delrin, PPBB | 7 1/2" | 5" | 7 1/2 |
| | | 1100 | Moldon Polyurethane (Cast iron core) | 4.06109.949.7 | 4.06108.949.7 | Delrin, PPBB | 7 1/2" | 5" | 10 1/2 |
| | | | Moldon Nylon | 4.06109.939.3 | 4.06108.939.3 | Delrin, PPBB | 7 1/2" | 5" | 9 1/4 |
| | | | Phenolic | 4.06109.339 | 4.06108.339 | Delrin, PPBB | 7 1/2" | 5" | 7 |
| | | 1200 | V-Groove | 4.06109.739 | 4.06108.739 | Delrin, PPBB | 7 1/2" | 5" | 10 1/2 |
| Cast Iron | 4.06109.139 | | 4.06108.139 | Delrin, PPBB | 7 1/2" | 5" | 9 3/4 | | |
| CG-MAX Efficiency Wheel™ (Orange)* | 4.06109.9NC | | 4.06108.9NC | Precision Ball Standard | 7 1/2" | 5" | 7 1/2 | | |
| 1250 | CG-MAX Efficiency Wheel™ (Maroon)* | 4.06109.9PC | 4.06108.9PC | Precision Ball Standard | 7 1/2" | 5" | 7 1/2 | | |
| | Performa Rubber (Flat/Conductive) | 4.08199.459 COND | 4.08198.459 COND | PPBB | 9 1/2" | 6 1/2" | 6 1/4 | | |
| | Performa Rubber (Round/Conductive) | 4.08199.559 COND | 4.08198.559 COND | PPBB | 9 1/2" | 6 1/2" | 6 1/4 | | |
| 8" | 2" | 500 | Moldon Rubber (Cast iron core) | 4.08199.649.7 | 4.08198.649.7 | Delrin, PPBB | 9 1/2" | 6 1/2" | 13 1/4 |
| | | | Performa Rubber (Round) | 4.08199.559 | 4.08198.559 | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/2" | 6 1/4 |
| | | | Performa Rubber (Flat/Black) | 4.08199.459.2 | 4.08198.459.2 | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/2" | 6 1/4 |
| | | 600 | Performa Rubber (Flat/Grey) | 4.08199.459 | 4.08198.459 | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/2" | 6 1/4 |
| | | | Polyolefin | 4.08199.839 | 4.08198.839 | Delrin, Plain, PPBB | 9 1/2" | 6 1/2" | 5 3/4 |
| | | | HydroTech | 4.08199.HF9 | 4.08198.HF9 | Delrin, PPBB | 9 1/2" | 6 1/2" | 5 3/4 |
| | | 675 | Polyurethane HI-TECH | 4.08199.929 | 4.08198.929 | Delrin, PPBB | 9 1/2" | 6 1/2" | 5 3/4 |
| | | | Polyurethane Antimicrobial HI-TECH | 4.08199.929G | 4.08198.929G | Delrin, PPBB | 9 1/2" | 6 1/2" | 5 3/4 |
| | | | Endura Solid Elastomer | 4.08199.839 EN | 4.08198.839 EN | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/2" | 5 3/4 |
| | | 900 | CG-MAX Efficiency Wheel™ (Orange)* | 4.08199.9NC | 4.08198.9NC | Precision Ball Standard | 9 1/2" | 6 1/2" | 8 1/4 |
| | | | CG-MAX Efficiency Wheel™ (Maroon)* | 4.08199.9PC | 4.08198.9PC | Precision Ball Standard | 9 1/2" | 6 1/2" | 8 1/4 |
| | | | Maxim | 4.08199.539 | 4.08198.539 | Delrin, Bronze, PPBB | 9 1/2" | 6 1/2" | 5 1/2 |
| | | 1000 | Moldon Polyurethane (Aluminum core) | 4.08199.939 | 4.08198.939 | Delrin, PPBB | 9 1/2" | 6 1/2" | 8 1/4 |
| | | | Moldon Polyurethane (Cast iron core) | 4.08199.949.7 | 4.08198.949.7 | Delrin, PPBB | 9 1/2" | 6 1/2" | 13 1/4 |
| | | | Moldon Nylon | 4.08199.939.3 | 4.08198.939.3 | Delrin, PPBB | 9 1/2" | 6 1/2" | 9 1/4 |
| | | 1200 | Phenolic | 4.08199.339 | 4.08198.339 | Delrin, PPBB | 9 1/2" | 6 1/2" | 8 1/2 |
| | | | Cast Iron | 4.08199.139 | 4.08198.139 | Delrin, PPBB | 9 1/2" | 6 1/2" | 12 1/2 |

*CG-MAX wheels available with Precision Ball Bearing only. All 4 Series swivel forks are notched to accommodate four position swivel locks.

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right.



Roller Bearing
Metal cage roller bearing (Specify **WB29**).
(Example: 4.06109.459 WB29).



Torrington Roller Bearing
Torrington style roller bearing with retainer (Specify **WB19**; Example: 4.06109.459 WB19).



Delrin Bearing
For standard two-piece bearing change 9th digit to "1" (Example: 4.06109.921).
One-piece with steel thrust washers (Specify **WB11**; Example: 4.06109.451 WB11).



Precision Ball Bearing
To order change 8th and 9th digits to "P5" (Example 4.06109.4P5).



Pedestal Precision Ball Bearing (PPBB)
To order change 9th digit to "5" (Example: 4.06109.455.2).



Bronze Bearing
To order, change the 9th digit in model number to "4" (Example: 4.06109.534).

4 Series

4 Series

Capacity up to **800 lbs each**
Narrow 1 1/2" tread width

TOP PLATE Swivel & Rigid



Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Permanent rivet kingpin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

Caster Brake

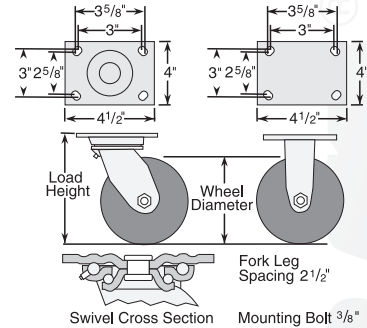


Tread Lock
(See page 87) Available on all swivel casters except 3" diameter models (Specify **BRK1**; Example: 4.06109.819 BRK1).



Tech Lock[®]
(See page 86-87) Available on all swivel casters except 3" diameter and swivel lock models. Rigid 6" model available (Specify **BRK2**; Example: 4.06109.449 BRK2).

Standard Dimensions



Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 4.04109).



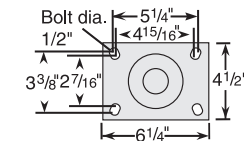
Total Lock
(See page 89) Available on 4", 5", 6" & 8" swivel models (Specify **BRK4**; Example: 4.06109.119 BRK4).



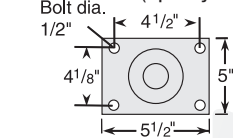
Top Lock
(See page 88) Available on 4", 5", 6" and 8" swivel models (Specify **BRK7**; Example: 4.06109.449 BRK7).

Optional Top Plates

#2 Top Plate (Specify MTG2).

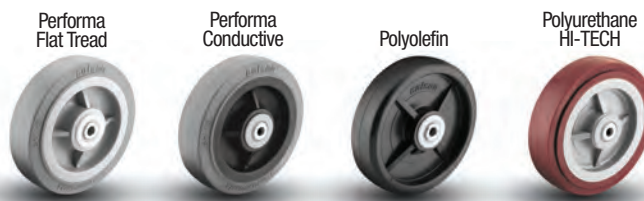


#4 Top Plate (Specify MTG4).



To order optional top plate, add mounting code to Caster Models number (Example: 4.03109.449 MTG2).

Wheel Selection



See the Performa Advantage on Page 55.



DirtBan Swivel Seal
(See page 90) Not available on swivel lock models (Specify **SEAL**; Example: 4.06109.449 SEAL).

Thread Guards
(See page 98) Available on many models (Specify **TG1** for metal or **TG2** for plastic; Example: 4.06109.449 TG2).

Axle/Nut Options
Consult factory.

Lube Options
Consult factory.

Colson 4 Series Casters (1 1/2" tread widths) • Top Plate Swivel & Rigid • Capacity to 800 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1 lb) |
|------------|-------------|------------------------|-----------------------------------|---|--|---|-------------|---------------|--------------------------------|
| 3" | 1 1/2" | 225 | Performa Rubber (Conductive/Flat) | 4.03109.449 COND | 4.03108.449 COND | PPBB | 5 1/8" | 3 1/16" | 3 1/4 |
| | | 250 | Performa Rubber (Flat/Grey) | 4.03109.449 | 4.03108.449 | Delrin, PPBB | 5 1/8" | 3 1/16" | 3 1/4 |
| | | 300 | Polyolefin | 4.03109.819 | 4.03108.819 | Delrin, Plain, PPBB | 5 1/8" | 3 1/16" | 3 3/4 |
| | | | Polyurethane HI-TECH | 4.03109.919 | 4.03108.919 | Delrin, PPBB | 5 1/8" | 3 1/16" | 3 1/4 |
| | | 425 | Cast Iron | 4.03109.119 | 4.03108.119 | Delrin, PPBB | 5 1/8" | 3 1/16" | 5 |
| | | 600 | Phenolic | 4.03109.319 | 4.03108.319 | Delrin, PPBB | 5 1/8" | 3 1/16" | 3 3/4 |
| | | | Thermo | 4.03109.819 HT | 4.03108.819 HT | Plain, Bronze | 5 1/8" | 3 1/16" | 4 3/4 |
| 4" | 1 1/2" | 255 | Performa Rubber (Conductive/Flat) | 4.04109.449 COND | 4.04108.449 COND | PPBB | 5 5/8" | 3 9/16" | 3 3/4 |
| | | 325 | Performa Rubber (Flat/Grey) | 4.04109.449 | 4.04108.449 | Delrin, PPBB | 5 5/8" | 3 9/16" | 3 3/4 |
| | | 375 | Polyolefin | 4.04109.819 | 4.04108.819 | Delrin, Plain, PPBB | 5 5/8" | 3 9/16" | 4 |
| | | 400 | Polyurethane HI-TECH | 4.04109.919 | 4.04108.919 | Delrin, PPBB | 5 5/8" | 3 9/16" | 3 1/2 |
| | | 500 | Cast Iron | 4.04109.119 | 4.04108.119 | Delrin, PPBB | 5 5/8" | 3 9/16" | 5 1/4 |
| | | | Phenolic | 4.04109.319 | 4.04108.319 | Delrin, PPBB | 5 5/8" | 3 9/16" | 3 3/4 |
| | | 600 | Thermo | 4.04109.819 HT | 4.04108.819 HT | Plain, Bronze | 5 5/8" | 3 9/16" | 4 3/4 |
| | | | Maxim | 4.04109.519 | 4.04108.519 | Delrin, Bronze, PPBB | 5 5/8" | 3 9/16" | 3 3/4 |
| 5" | 1 1/2" | 280 | Performa Rubber (Conductive/Flat) | 4.05109.449 COND | 4.05108.449 COND | PPBB | 6 1/2" | 4 1/4" | 4 1/8 |
| | | 350 | Performa Rubber (Flat/Grey) | 4.05109.449 | 4.05108.449 | Delrin, PPBB | 6 1/2" | 4 1/4" | 4 1/8 |
| | | 450 | Polyolefin | 4.05109.819 | 4.05108.819 | Delrin, Plain, PPBB | 6 1/2" | 4 1/4" | 4 1/8 |
| | | 500 | Polyurethane HI-TECH | 4.05109.919 | 4.05108.919 | Delrin, PPBB | 6 1/2" | 4 1/4" | 4 1/8 |
| | | | Cast Iron | 4.05109.119 | 4.05108.119 | Delrin, PPBB | 6 1/2" | 4 1/4" | 5 1/2 |
| | | 600 | Phenolic | 4.05109.319 | 4.05108.319 | Delrin, PPBB | 6 1/2" | 4 1/4" | 3 3/4 |
| | | | Thermo | 4.05109.819 HT | 4.05108.819 HT | Plain, Bronze | 6 1/2" | 4 1/4" | 4 3/4 |
| 6" | 1 1/2" | 300 | Performa Rubber (Conductive/Flat) | 4.06109.449 COND | 4.06108.449 COND | PPBB | 7 1/2" | 5" | 5 |
| | | 375 | Performa Rubber (Flat/Grey) | 4.06109.449 | 4.06108.449 | Delrin, PPBB | 7 1/2" | 5" | 5 |
| | | 500 | Polyolefin | 4.06109.819 | 4.06108.819 | Delrin, Plain, PPBB | 7 1/2" | 5" | 4 1/8 |
| | | | Polyurethane HI-TECH | 4.06109.919 | 4.06108.919 | Delrin, PPBB | 7 1/2" | 5" | 5 |
| | | 600 | Cast Iron | 4.06109.119 | 4.06108.119 | Delrin, PPBB | 7 1/2" | 5" | 6 1/2 |
| | | | Phenolic | 4.06109.319 | 4.06108.319 | Delrin, PPBB | 7 1/2" | 5" | 4 1/4 |
| 8" | 1 1/2" | 350 | Performa Rubber (Conductive/Flat) | 4.08199.449 COND | 4.08198.449 COND | PPBB | 9 1/2" | 6 1/2" | 5 3/4 |
| | | 500 | Performa Rubber (Flat/Grey) | 4.08199.449 | 4.08198.449 | Delrin, PPBB | 9 1/2" | 6 1/2" | 5 3/4 |
| | | 600 | Polyolefin | 4.08199.819 | 4.08198.819 | Delrin, Plain, PPBB | 9 1/2" | 6 1/2" | 4 1/2 |
| | | 800 | Polyurethane HI-TECH | 4.08199.919 | 4.08198.919 | Delrin, PPBB | 9 1/2" | 6 1/2" | 5 3/4 |

All 4 Series swivel forks are notched to accommodate four position swivel locks.

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right.



Roller Bearing
Metal cage roller bearing (Specify **WB29**). (Example: 4.06109.449 WB29).



Delrin Bearing
For standard two-piece bearing change ninth digit to "1" (Example: 4.06109.911).



Pedestal Precision Ball Bearing (PPBB)
To order change 9th digit to "5" (Example: 4.06109.915).



Bronze Bearing
To order, change the 9th digit in model number to "4" (Example: 4.05109.814 HT).

4 Series

Colson D4 Series Casters • Defender Stainless Steel Top Plate Swivel & Rigid • Capacity to 1250 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Swivel Top Plate SS Roller Bearing Models | Rigid Top Plate SS Roller Bearing Models | Optional Bearings (order information in below chart) | Load Height | Swivel Radius | Weight (Pounds) Rigid Deduct 1.5 lbs) | |
|----------------------------|----------------------------|-------------------------|-----------------------------|---|--|--|----------------------|---------------|--|-------|
| 4" | 2" | 300 | Performa Conductive (Flat) | D4.04109.459 COND SS WB29 | D4.04108.459 COND SS WB29 | PPBB | 5-5/8" | 3-3/8" | 5-1/4 | |
| | | 400 | Performa (Flat) | D4.04109.459 SS WB29 | D4.04108.459 SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5-1/4 | |
| | | | Performa (Round) | D4.04109.559 SS WB29 | D4.04108.559 SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5-1/4 | |
| | | 500 | Retort Hi-Temp | D4.04109.839 RW SS WB29 | D4.04108.839 RW SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 | |
| | | | Polyolefin | D4.04109.839 SS WB29 | D4.04108.839 SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 3-3/4 | |
| | | 600 | HydroTech | D4.04109.929 HF SS WB29 | D4.04108.929 HF SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 4-3/4 | |
| | | 700 | K Solid Polyurethane* | D4.04109.935 KW SS | D4.04108.935 KW SS | Delrin, Bronze | 5-5/8" | 3-3/8" | 4-1/4 | |
| | | 720 | Polyurethane Hi-TECH | D4.04109.929 SS WB29 | D4.04108.929 SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 | |
| | | | Antimicrobial Hi-TECH | D4.04109.929G SS WB29 | D4.04108.929G SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 | |
| | | | Phenolic - High Temp | D4.04109.339 HT SS WB29 | D4.04108.339 HT SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 | |
| | | | Phenolic | D4.04109.339 SS WB29 | D4.04108.339 SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 | |
| | | | 800 | Maxim Nylon Glass Filled | D4.04109.539 SS WB29 | D4.04108.539 SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 |
| | | | | Hi-Temp Nylon Glass Filled | D4.04109.839 HTBLK SS WB29 | D4.04108.839 HTBLK SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 |
| | | | | Thermo Hi-Temp | D4.04109.839 HT SS WB29 | D4.04108.839 HT SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 |
| | | | 900 | White Nylon | D4.04109.539 WN SS WB29 | D4.04108.539 WN SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 |
| HD Nylon Glass Filled | D4.04109.839 DT SS WB29 | | | D4.04108.839 DT SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5 | | |
| 1000 | Endura Solid Elastomer | | D4.04109.839 EN SS WB29 | D4.04108.839 EN SS WB29 | Delrin, Bronze, PPBB | 5-5/8" | 3-3/8" | 5-3/4 | | |
| 1250 | Commander HD* | D4.04109.5PN SS | D4.04108.5PN SS | SS Prec. Ball Standard | 5-5/8" | 3-3/8" | 7 | | | |
| 5" | 2" | 325 | Performa Conductive (Flat) | D4.05109.459 COND SS WB29 | D4.05108.459 COND SS WB29 | PPBB | 6-1/2" | 4-1/8" | 5-1/2 | |
| | | 425 | Performa (Round) | D4.05109.559 SS WB29 | D4.05108.559 SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/2 | |
| | | 500 | Performa (Flat) | D4.05109.459 SS WB29 | D4.05108.459 SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/2 | |
| | | 650 | Retort Hi-Temp | D4.05109.839 RW SS WB29 | D4.05108.839 RW SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 | |
| | | | Polyolefin | D4.05109.839 SS WB29 | D4.05108.839 SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 4-1/2 | |
| | | 750 | HydroTech | D4.05109.929 HF SS WB29 | D4.05108.929 HF SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 4-3/4 | |
| | | 900 | Polyurethane Hi-TECH | D4.05109.929 SS WB29 | D4.05108.929 SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 | |
| | | | Antimicrobial Hi-TECH | D4.05109.929G SS WB29 | D4.05108.929G SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 | |
| | | | Phenolic - High Temp | D4.05109.339 HT SS WB29 | D4.05108.339 HT SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 | |
| | | | Phenolic | D4.05109.339 SS WB29 | D4.05108.339 SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 | |
| | | | 1000 | Maxim Nylon Glass Filled | D4.05109.539 SS WB29 | D4.05108.539 SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 |
| | | | | White Nylon | D4.05109.539 WN SS WB29 | D4.05108.539 WN SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 |
| | | | | Endura Solid Elastomer | D4.05109.839 EN SS WB29 | D4.05108.839 EN SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-7/8 |
| | | | 1200 | Hi-Temp Nylon Glass Filled | D4.05109.839 HTBLK SS WB29 | D4.05108.839 HTBLK SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 |
| | | | | K Solid Polyurethane* | D4.05109.935 KW SS | D4.05108.935 KW SS | Delrin, Bronze | 6-1/2" | 4-1/8" | 5 |
| 1250 | Thermo Hi-Temp | | D4.05109.839 HT SS WB29 | D4.05108.839 HT SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 | | |
| | HD Nylon Glass Filled | D4.05109.839 DT SS WB29 | D4.05108.839 DT SS WB29 | Delrin, Bronze, PPBB | 6-1/2" | 4-1/8" | 5-1/4 | | | |
| 1250 | Commander HD* | D4.05109.5PN SS | D4.05108.5PN SS | SS Prec. Ball Standard | 6-1/2" | 4-1/8" | 8 | | | |
| 6" | 2" | 410 | Performa Conductive (Flat) | D4.06109.459 COND SS WB29 | D4.06108.459 COND SS WB29 | PPBB | 7-1/2" | 4-7/8" | 5-3/4 | |
| | | 450 | Performa Conductive (Round) | D4.06109.559 COND SS WB29 | D4.06108.559 COND SS WB29 | PPBB | 7-1/2" | 4-7/8" | 5-3/4 | |
| | | | Performa (Round) | D4.06109.559 SS WB29 | D4.06108.559 SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-3/4 | |
| | | 600 | Performa (Flat) | D4.06109.459 SS WB29 | D4.06108.459 SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-3/4 | |
| | | 700 | Retort Hi-Temp | D4.06109.839 RW SS WB29 | D4.06108.839 RW SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-1/2 | |
| | | | Polyolefin | D4.06109.839 SS WB29 | D4.06108.839 SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 4-3/4 | |
| | | 900 | HydroTech | D4.06109.929 HF SS WB29 | D4.06108.929 HF SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5 | |
| | | 1100 | Polyurethane Hi-TECH | D4.06109.929 SS WB29 | D4.06108.929 SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-3/4 | |
| | | | Antimicrobial Hi-TECH | D4.06109.929G SS WB29 | D4.06108.929G SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-3/4 | |
| | | | Endura Solid Elastomer | D4.06109.839 EN SS WB29 | D4.06108.839 EN SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 6 | |
| | | | Thermo Hi-Temp | D4.06109.839 HT SS WB29 | D4.06108.839 HT SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-3/4 | |
| | | | 1200 | Phenolic - High Temp | D4.06109.339 HT SS WB29 | D4.06108.339 HT SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 6-1/4 |
| | | | | Phenolic | D4.06109.339 SS WB29 | D4.06108.339 SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 6-1/4 |
| | | | | Maxim Nylon Glass Filled | D4.06109.539 SS WB29 | D4.06108.539 SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-3/4 |
| | | | 1250 | White Nylon | D4.06109.539 WN SS WB29 | D4.06108.539 WN SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 6-1/4 |
| Hi-Temp Nylon Glass Filled | D4.06109.839 HTBLK SS WB29 | | | D4.06108.839 HTBLK SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 5-3/4 | | |
| 1250 | HD Nylon Glass Filled | | D4.06109.839 DT SS WB29 | D4.06108.839 DT SS WB29 | Delrin, Bronze, PPBB | 7-1/2" | 4-7/8" | 6-1/4 | | |
| | K Solid Polyurethane* | D4.06109.935 KW SS | D4.06108.935 KW SS | Delrin, Bronze | 7-1/2" | 4-7/8" | 5-1/2 | | | |
| 1250 | Commander HD* | D4.06109.5PN SS | D4.06108.5PN SS | SS Prec. Ball Standard | 7-1/2" | 4-7/8" | 9-3/4 | | | |
| 8" | 2" | 500 | Performa Conductive (Flat) | D4.08109.459 COND SS WB29 | D4.08108.459 COND SS WB29 | PPBB | 9-1/2" | 6-3/8" | 6 | |
| | | 600 | Performa Conductive (Round) | D4.08109.559 COND SS WB29 | D4.08108.559 COND SS WB29 | PPBB | 9-1/2" | 6-3/8" | 6 | |
| | | | Performa (Round) | D4.08109.559 SS WB29 | D4.08108.559 SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 6 | |
| | | 675 | Performa (Flat) | D4.08109.459 SS WB29 | D4.08108.459 SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 6 | |
| | | 900 | Retort Hi-Temp | D4.08109.839 RW SS WB29 | D4.08108.839 RW SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 6-1/4 | |
| | | | Polyolefin | D4.08109.839 SS WB29 | D4.08108.839 SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 6-1/4 | |
| | | 1000 | HydroTech | D4.08109.929 HF SS WB29 | D4.08108.929 HF SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 5-3/4 | |
| | | 1200 | Polyurethane Hi-TECH | D4.08109.929 SS WB29 | D4.08108.929 SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 7 | |
| | | | Antimicrobial Hi-TECH | D4.08109.929G SS WB29 | D4.08108.929G SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 7 | |
| | | | White Nylon | D4.08109.539 WN SS WB29 | D4.08108.539 WN SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 8 | |
| | | | Endura Solid Elastomer | D4.08109.839 EN SS WB29 | D4.08108.839 EN SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 6-3/4 | |
| | | | 1250 | Thermo Hi-Temp | D4.08109.839 HT SS WB29 | D4.08108.839 HT SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 7 |
| | | | | Phenolic - High Temp | D4.08109.339 HT SS WB29 | D4.08108.339 HT SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 8 |
| | | | | Phenolic | D4.08109.339 SS WB29 | D4.08108.339 SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 8 |
| | | | 1250 | Maxim Nylon Glass Filled | D4.08109.539 SS WB29 | D4.08108.539 SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 7 |
| HD Nylon Glass Filled | D4.08109.839 DT SS WB29 | | | D4.08108.839 DT SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 8 | | |
| 1250 | Hi-Temp Nylon Glass Filled | | D4.08109.839 HTBLK SS WB29 | D4.08108.839 HTBLK SS WB29 | Delrin, Bronze, PPBB | 9-1/2" | 6-3/8" | 7 | | |
| 1250 | K Solid Polyurethane* | D4.08109.935 KW SS | D4.08108.935 KW SS | Delrin, Bronze | 9-1/2" | 6-3/8" | 6-1/2 | | | |
| 1250 | Commander HD* | D4.08109.5PN SS | D4.08108.5PN SS | SS Prec. Ball Standard | 9-1/2" | 6-3/8" | 10 | | | |

*K Solid Polyurethane wheels standard with Pedestal Precision Ball Bearing (PPBB); Commander HD wheels standard with large Precision Ball Bearings.

Bearing Options

Wheels feature stainless steel roller bearings in above chart, unless otherwise noted. To order optional bearings, see information to right.



Stainless Steel Roller Bearing

Temperature Rating: 350°F
The standard bearing option in all above models with **WB29** specification.
High Temp wheel selections are automatically upgraded to stainless steel thrust and retaining washers.



Delrin® Bearing

Temperature Rating: 160°F (increases to 350°F continuous for high-temp wheel selections)
To order, change 10th digit to "1" and remove WB29 from model number.
(Example: D4.06109.921 SS)



Bronze Bearing

Temperature Rating: 525°F
To order, change the 10th digit in model number to "4" and remove WB29 from model number.
(Example: D4.06109.534 SS).



Stainless Steel Pedestal Precision Ball Bearing (PPBB)

Temperature Rating: 250°F (increases to 480°F continuous for high-temp wheel selections)
To order change 10th digit to "5" and remove WB29 from model number.
(Example: D4.06109.925 SS).
Sealed Precision Ball Bearing: Specify "P5". Minimum order quantities apply.

D4 Series

4 Series

BUSINESS MACHINE Swivel
Capacity up to **1200 lbs each**



www.ColsonCaster.com
Consult factory for RoHS and NSF requirements on a part specific basis.



700 lb model



500 lb model



1200 lb model



Features

- Corrosion resistant zinc finish
- Hardened double ball raceways
- Operating temperature rating -45°F to 180°F
- Ultra-tough, thermoplastic wheel resists hard impacts and supports high dynamic load

Typical Applications

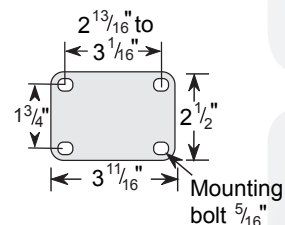
- Vending machines, computer racks, server cabinets or anywhere overall load height is restricted

Performance Options

- Consult factory for rigid, brake and additional finish options

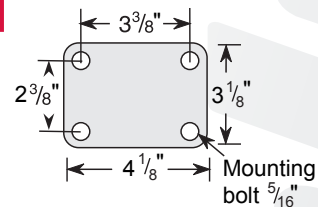
Business Machine Casters • 500 lb Top Plate

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Load Height | Swivel Radius | Weight lbs |
|------------|-----------------------------------|------------------------|--------------------|---------------|--------------------------------|---------------------------------|---------------------------------|-------------------------------|
| 3" | 1 ¹³ / ₁₆ " | 500 | Glass Filled Nylon | Roller | S4.3305.351 | 4 ¹ / ₈ " | 2 ³ / ₄ " | 2 ¹ / ₄ |



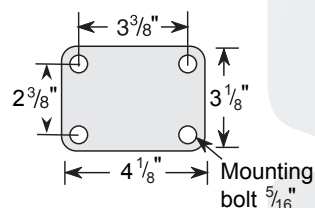
Business Machine Casters • 700 lb Top Plate

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Load Height | Swivel Radius | Weight lbs |
|------------|-----------------------------------|------------------------|--------------------|---------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------|
| 3" | 1 ¹³ / ₁₆ " | 700 | Glass Filled Nylon | Roller | S4.3307.351 | 3 ³¹ / ₃₂ " | 2 ³ / ₄ " | 2 ¹ / ₂ |



Business Machine Casters • 1200 lb Top Plate

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Load Height | Swivel Radius | Weight lbs |
|------------|-----------------------------------|------------------------|--------------------|---------------|--------------------------------|---------------------------------|---------------------------------|------------|
| 3" | 1 ¹³ / ₁₆ " | 1200 | Glass Filled Nylon | Roller | S4.3312.351 | 4 ¹ / ₈ " | 2 ¹ / ₂ " | 3 |



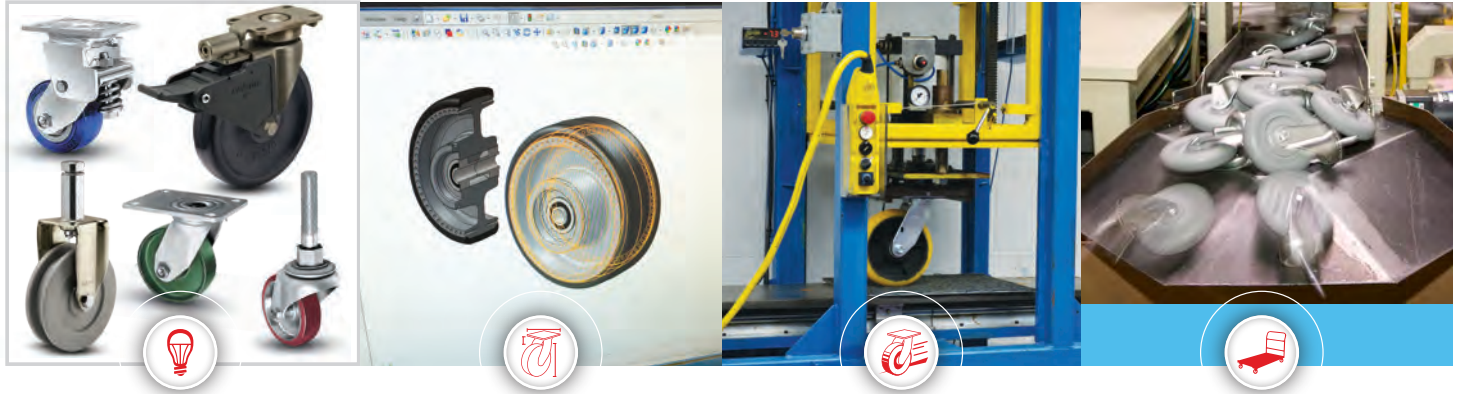
CUSTOM SOLUTIONS

envision it.

design it.

test it.

build it.



WITH THOUSANDS OF DIFFERENT STANDARD CASTER MODELS AVAILABLE,

it's likely that Colson has the caster you need as a standard offering. However, if you have an application that requires a custom caster need, **Colson engineers will partner with you to create a practical solution.**

Whether it's a modification to an existing product or a brand new custom design, **Colson has the engineering experience and technology to bring your concept to life.**

At Colson, every custom project is led by a single project manager. Our comprehensive process begins by capturing the customer vision and all application requirements, and ends with a customer approved product that has been tightly audited throughout the production process. Every stage is scrutinized and reviewed, providing a solid framework for all new product innovations. This process ensures that your mobility solution is brought to life on-time and on-budget.

colson[®]

6 Series

Capacity up to **1500 lbs each**

TOP PLATE Swivel & Rigid



Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 5/16" steel top plate for durability (1/4" rigid top plate)
- Heat treated bolt and nut kingpin with 3/4" diameter bolt
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures



Fork / Wheel Options

NSF Listed For Food Service Industry
Consult factory for details.

Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 6.04209).



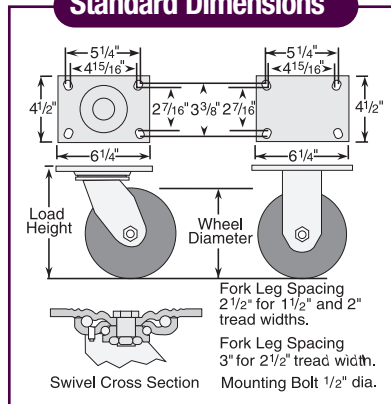
Hand Activated Swivel Lock
(See page 90) Available on all swivel casters in Bolt-On or Welded design. (Specify **MTG62** for Bolt-On, or **MTG52** for Welded design; Example: 6.06209.949.7 MTG52).

Thread Guards
(See page 98) Available on many models (Specify **TG1** for metal or **TG2** for plastic; Example: 6.06209.459 TG1).

Axle/Nut Options
Consult factory.

Lube Options
Consult factory.

Standard Dimensions



Caster Brake

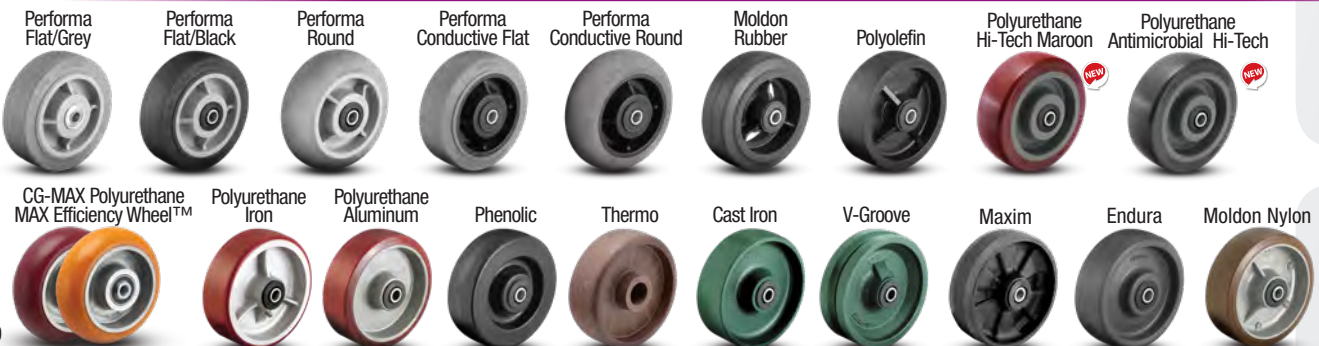


Tread Lock
(See page 89) Available on all swivel casters with 2" tread widths except V-Groove models (Specify **BRK1**; Example: 6.06209.949.7 BRK1).

CAD Models & Datasheets Online!
www.colsoncaster.com/casters/

See the Performa Advantage on Page 55.

Wheel Selection



Colson 6 Series Casters • Top Plate Swivel & Rigid • Capacity to 1500 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |
|------------|------------------------------------|--------------------------------------|---|---|--|---|-------------|---------------|-----------------------------------|
| 4" | 2" | 300 | Perma Rubber (Conductive/Flat) | 6.04209.459 COND | 6.04208.459 COND | PPBB | 5 5/8" | 3 5/8" | 7 1/4 |
| | | 400 | Perma Rubber (Flat/Black) | 6.04209.459.2 | 6.04208.459.2 | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 5/8" | 7 1/4 |
| | | | Perma Rubber (Flat/Grey) | 6.04209.559 | 6.04208.559 | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 5/8" | 7 1/4 |
| | | | Perma Rubber (Round) | 6.04209.559 | 6.04208.559 | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 5/8" | 7 1/4 |
| | | 500 | Polyolefin | 6.04209.839 | 6.04208.839 | Plain, Delrin, PPBB | 5 5/8" | 3 5/8" | 7 1/4 |
| | | 700 | Moldon Polyurethane (Aluminum core) | 6.04209.939 | 6.04208.939 | Delrin, PPBB | 5 5/8" | 3 5/8" | 7 1/2 |
| | | | Moldon Polyurethane (Cast iron core) | 6.04209.949.7 | 6.04208.949.7 | Delrin, PPBB | 5 5/8" | 3 5/8" | 9 1/4 |
| | | 720 | Polyurethane HI-TECH Maroon | 6.04209.929 | 6.04208.929 | Delrin, PPBB | 5 5/8" | 3 5/8" | 7 1/2 |
| | | | Polyurethane Antimicrobial HI-TECH Grey | 6.04209.929G | 6.04208.929G | Delrin, PPBB | 5 5/8" | 3 5/8" | 7 1/2 |
| | | | Maxim | 6.04209.539 | 6.04208.539 | Delrin, Bronze, PPBB | 5 5/8" | 3 5/8" | 6 3/8 |
| | | | Phenolic | 6.04209.339 | 6.04208.339 | Delrin, PPBB | 5 5/8" | 3 5/8" | 7 1/4 |
| | | 800 | CG-MAX Efficiency Wheel™ (Orange)* | 6.04209.9NC | 6.04208.9NC | Prec. Ball Standard | 5 5/8" | 3 5/8" | 9 1/8 |
| | | | CG-MAX Efficiency Wheel™ (Maroon)* | 6.04209.9PC | 6.04208.9PC | Prec. Ball Standard | 5 5/8" | 3 5/8" | 9 1/8 |
| | | | Thermo | 6.04209.839 HT | 6.04208.839 HT | Plain, Bronze | 5 5/8" | 3 5/8" | 8 1/4 |
| | | | V-Groove | 6.04209.739 | 6.04208.739 | Delrin, PPBB | 5 5/8" | 3 5/8" | 11 |
| 1000 | Endura Solid Elastomer | 6.04209.839 EN | 6.04208.839 EN | Delrin, Prec. Ball, PPBB | 5 5/8" | 3 5/8" | 7 1/4 | | |
| | Cast Iron | 6.04209.139 | 6.04208.139 | Delrin, PPBB | 5 5/8" | 3 5/8" | 9 | | |
| 5" | 2" | 325 | Perma Rubber (Conductive/Flat) | 6.05209.459 COND | 6.05208.459 COND | PPBB | 6 1/2" | 4 5/16" | 7 5/8 |
| | | 425 | Perma Rubber (Round) | 6.05209.559 | 6.05208.559 | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 5/16" | 7 5/8 |
| | | 500 | Perma Rubber (Flat/Black) | 6.05209.459.2 | 6.05208.459.2 | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 5/16" | 7 5/8 |
| | | | Perma Rubber (Flat/Grey) | 6.05209.459 | 6.05208.459 | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 5/16" | 7 5/8 |
| | | 650 | Polyolefin | 6.05209.839 | 6.05208.839 | Delrin, Plain, PPBB | 6 1/2" | 4 5/16" | 7 5/8 |
| | | 900 | Polyurethane HI-TECH Maroon | 6.05209.929 | 6.05208.929 | Delrin, PPBB | 6 1/2" | 4 5/16" | 8 1/2 |
| | | | Polyurethane Antimicrobial HI-TECH Grey | 6.05209.929G | 6.05208.929G | Delrin, PPBB | 6 1/2" | 4 5/16" | 8 1/2 |
| | | | Maxim | 6.05209.539 | 6.05208.539 | Delrin, Bronze, PPBB | 6 1/2" | 4 5/16" | 6 3/4 |
| | | | Endura Solid Elastomer | 6.05209.839 EN | 6.05208.839 EN | Delrin, Prec. Ball, PPBB | 6 1/2" | 4 5/16" | 8 |
| | | | Moldon Polyurethane (Aluminum core) | 6.05209.939 | 6.05208.939 | Delrin, PPBB | 6 1/2" | 4 5/16" | 8 3/4 |
| | | | Moldon Polyurethane (Cast iron core) | 6.05209.949.7 | 6.05208.949.7 | Delrin, PPBB | 6 1/2" | 4 5/16" | 11 1/4 |
| | | 1000 | Moldon Nylon | 6.05209.939.3 | 6.05208.939.3 | Delrin, PPBB | 6 1/2" | 4 5/16" | 8 |
| | | | Phenolic | 6.05209.339 | 6.05208.339 | Delrin, PPBB | 6 1/2" | 4 5/16" | 8 |
| | | | CG-MAX Efficiency Wheel™ (Orange)* | 6.05209.9NC | 6.05208.9NC | Prec. Ball Standard | 6 1/2" | 4 5/16" | 9 1/2 |
| | | | CG-MAX Efficiency Wheel™ (Maroon)* | 6.05209.9PC | 6.05208.9PC | Prec. Ball Standard | 6 1/2" | 4 5/16" | 9 1/2 |
| | Thermo | 6.05209.839 HT | 6.05208.839 HT | Plain, Bronze | 6 1/2" | 4 5/16" | 9 | | |
| | Cast Iron | 6.05209.139 | 6.05208.139 | Delrin, PPBB | 6 1/2" | 4 5/16" | 10 3/4 | | |
| 6" | 2" | 410 | Perma Rubber (Conductive/Flat) | 6.06209.459 COND | 6.06208.459 COND | PPBB | 7 1/2" | 4 3/4" | 7 3/4 |
| | | | Perma Rubber (Conductive/Round) | 6.06209.559 COND | 6.06208.559 COND | PPBB | 7 1/2" | 4 3/4" | 7 3/4 |
| | | 450 | Perma Rubber (Round) | 6.06209.559 | 6.06208.559 | Delrin, Prec. Ball, PPBB | 7 1/2" | 4 3/4" | 7 3/4 |
| | | | Perma Rubber (Flat/Black) | 6.06209.459.2 | 6.06208.459.2 | Delrin, Prec. Ball, PPBB | 7 1/2" | 4 3/4" | 7 3/4 |
| | | | Perma Rubber (Flat/Grey) | 6.06209.459 | 6.06208.459 | Delrin, Prec. Ball, PPBB | 7 1/2" | 4 3/4" | 7 3/4 |
| | | 700 | Polyolefin | 6.06209.839 | 6.06208.839 | Plain, Delrin, PPBB | 7 1/2" | 4 3/4" | 8 1/2 |
| | | 1100 | Polyurethane HI-TECH Maroon | 6.06209.929 | 6.06208.929 | Delrin, PPBB | 7 1/2" | 4 3/4" | 7 3/4 |
| | | | Polyurethane Antimicrobial HI-TECH Grey | 6.06209.929G | 6.06208.929G | Delrin, PPBB | 7 1/2" | 4 3/4" | 7 3/4 |
| | | | Endura Solid Elastomer | 6.06209.839 EN | 6.06208.839 EN | Delrin, Prec. Ball, PPBB | 7 1/2" | 4 3/4" | 9 1/4 |
| | | | Maxim | 6.06209.539 | 6.06208.539 | Delrin, Bronze, PPBB | 7 1/2" | 4 3/4" | 7 1/8 |
| | | Moldon Polyurethane (Aluminum core) | 6.06209.939 | 6.06208.939 | Delrin, PPBB | 7 1/2" | 4 3/4" | 9 1/4 | |
| | 1200 | Moldon Polyurethane (Cast iron core) | 6.06209.949.7 | 6.06208.949.7 | Delrin, PPBB | 7 1/2" | 4 3/4" | 12 1/2 | |
| | | Moldon Nylon | 6.06209.939.3 | 6.06208.939.3 | Delrin, PPBB | 7 1/2" | 4 3/4" | 9 1/4 | |
| | | Phenolic | 6.06209.339 | 6.06208.339 | Delrin, PPBB | 7 1/2" | 4 3/4" | 9 1/4 | |
| | | V-Groove | 6.06209.739 | 6.06208.739 | Delrin, PPBB | 7 1/2" | 4 3/4" | 12 | |
| | | CG-MAX Efficiency Wheel™ (Orange)* | 6.06209.9NC | 6.06208.9NC | Prec. Ball Standard | 7 1/2" | 4 3/4" | 10 5/8 | |
| | | CG-MAX Efficiency Wheel™ (Maroon)* | 6.06209.9PC | 6.06208.9PC | Prec. Ball Standard | 7 1/2" | 4 3/4" | 10 5/8 | |
| | | Cast Iron | 6.06209.139 | 6.06208.139 | Delrin, PPBB | 7 1/2" | 4 3/4" | 12 1/2 | |
| | 1500 | Phenolic | 6.06259.369 | 6.06258.369 | - | 7 1/2" | 4 3/4" | 10 1/4 | |
| | | Cast Iron | 6.06259.169 | 6.06258.169 | - | 7 1/2" | 4 3/4" | 15 3/4 | |
| 8" | 2" | 500 | Perma Rubber (Conductive/Flat) | 6.08299.459 COND | 6.08298.459 COND | PPBB | 9 1/2" | 6 1/4" | 8 1/2 |
| | | | Perma Rubber (Conductive/Round) | 6.08299.559 COND | 6.08298.559 COND | PPBB | 9 1/2" | 6 1/4" | 8 1/2 |
| | | 600 | Perma Rubber (Round) | 6.08299.559 | 6.08298.559 | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/4" | 8 1/2 |
| | | | Perma Rubber (Flat/Black) | 6.08299.459.2 | 6.08298.459.2 | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/4" | 8 1/2 |
| | | | Perma Rubber (Flat/Grey) | 6.08299.459 | 6.08298.459 | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/4" | 8 1/2 |
| | | 900 | Polyolefin | 6.08299.839 | 6.08298.839 | Plain, Delrin, PPBB | 9 1/2" | 6 1/4" | 10 1/4 |
| | | 1200 | Polyurethane HI-TECH Maroon | 6.08299.929 | 6.08298.929 | Delrin, PPBB | 9 1/2" | 6 1/4" | 9 1/2 |
| | | | Polyurethane Antimicrobial HI-TECH Grey | 6.08299.929G | 6.08298.929G | Delrin, PPBB | 9 1/2" | 6 1/4" | 9 1/2 |
| | | | Endura Solid Elastomer | 6.08299.839 EN | 6.08298.839 EN | Delrin, Prec. Ball, PPBB | 9 1/2" | 6 1/4" | 11 1/2 |
| | | | Phenolic | 6.08299.339 | 6.08298.339 | Delrin, PPBB | 9 1/2" | 6 1/4" | 11 1/2 |
| | 1400 | Maxim | 6.08299.539 | 6.08298.539 | Delrin, Bronze, PPBB | 9 1/2" | 6 1/4" | 8 | |
| | | Moldon Polyurethane (Aluminum core) | 6.08299.939 | 6.08298.939 | Delrin, PPBB | 9 1/2" | 6 1/4" | 11 1/4 | |
| | | Moldon Polyurethane (Cast iron core) | 6.08299.949.7 | 6.08298.949.7 | Delrin, PPBB | 9 1/2" | 6 1/4" | 16 1/4 | |
| | | Moldon Nylon | 6.08299.939.3 | 6.08298.939.3 | Delrin, PPBB | 9 1/2" | 6 1/4" | 11 1/4 | |
| | | CG-MAX Efficiency Wheel™ (Orange)* | 6.08299.9NC | 6.08298.9NC | Prec. Ball Standard | 9 1/2" | 6 1/4" | 11 5/8 | |
| | CG-MAX Efficiency Wheel™ (Maroon)* | 6.08299.9PC | 6.08298.9PC | Prec. Ball Standard | 9 1/2" | 6 1/4" | 11 5/8 | | |
| | Cast Iron | 6.08299.139 | 6.08298.139 | Delrin, PPBB | 9 1/2" | 6 1/4" | 16 1/4 | | |
| 1500 | Phenolic | 6.08259.369 | 6.08258.369 | - | 9 1/2" | 6 1/4" | 13 1/4 | | |
| | Cast Iron | 6.08259.169 | 6.08258.169 | - | 9 1/2" | 6 1/4" | 18 | | |
| 10" | 2 1/2" | 1500 | Phenolic | 6.10259.369 | 6.10258.369 | - | 11 1/2" | 7 25/32" | 14 3/4 |
| | Cast Iron | 6.10259.169 | 6.10258.169 | - | 11 1/2" | 7 25/32" | 22 1/2 | | |

*CG-MAX wheels available with Precision Ball Bearing only.

Bearing Options

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right.



Roller Bearing
Metal cage roller bearing (Specify **WB29**).

(Example: 4.06209.459 WB29).



Torrington Roller Bearing

Torrington style roller bearing with retainer (Specify **WB19**; Example: 4.06209.459 WB19).



Delrin Bearing

For standard two-piece bearing change 9th digit to "1" (Example: 6.06209.931). One-piece with steel thrust washers (Specify **WB11**; Example: 4.06201.459 WB11).



Precision Ball Bearing

To order change 8th and 9th digits to "P5" (Example: 4.06109.4P5).



Pedestal Precision Ball Bearing (PPBB)

To order change 9th digit to "5" (Example: 6.06209.4F5).



Bronze Bearing

To order, change the 9th digit in model number to "4" (Example: 6.06209.534).

Wheel Overview

Wheel Bearings

Page: 54

Order Charts: p. 91



Wheel Thread Guards

Page: 54

Order Chart: p. 96



Performa® Rubber

Pages: 55-63

Capacity:

60 lbs to 1,700 lbs each



Flat Grey and Black (p. 56-57, 59)



Round Grey (p. 58, 60)



Conductive Round and Flat (p. 61-62)



Hand Truck Round and Flat (p. 63)

For Caster Series: 1, 2, 3, 4, and 6

Wheel Diameters: 1-5/8", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10", and 12"

Tread Width: 7/8", 1-1/4", 1-5/16", 1-1/2", 2", 2-1/2", and 3"

Rubber Tread

Pages: 63-64

Capacity:

75 lbs to 1,140 lbs each

For Caster Series: 1, 2, 4, and 6

Wheel Diameters: 2", 3", 4", 5", 6", and 8"

Tread Width: 7/8", 1-1/4", and 2"



Hard & Soft Rubber (p. 64-65)



Moldon Rubber on Cast Iron (p. 66)

Polyurethane Tread on Aluminum Core (Towable/Ergonomic)

Pages: 67

Capacity:

100 lbs to 1,500 lbs each

For Caster Series: 4 and 6

Wheel Diameters: 4", 5", 6", and 8"

Tread Width: 2"



Moldon Polyurethane on Aluminum (p. 67)

Polyurethane Tread on Polyolefin Core

Pages: 68-71

Capacity:

100 lbs to 1,700 lbs each

For Caster Series: 1, 2, 3, 4, and 6

Wheel Diameters: 2-1/2", 3", 3-1/2", 4", 5", 6", 8", 10", and 12"

Tread Width: 7/8", 1-1/4", 1-1/2", 2", 2-1/2", and 3"



Moldon Polyurethane HI-TECH® (p. 68-71)

Polyurethane Tread on Iron Core

Page: 72

Capacity:

700 lbs to 1,500 lbs each

Caster Series: 4 and 6

Wheel Diameters: 4", 5", 6", and 8"

Tread Width: 2"



Moldon Polyurethane on Cast Iron (p. 71)

Solid Polyurethane

Page: 73

Capacity:

1,000 lbs to 1,200 lbs each

For Caster Series: 4 and 6

Wheel Diameters: 4", 5", 6", and 8"

Tread Width: 2"



Endura® Solid Elastomer (p. 73)

Wheel Options

Wheel Overview

HydroTech TPE

Pages: 74

Capacity:

600 lbs to 1000 lbs each

For Caster Series: 4 and 6

Wheel Diameters: 3", 5", 6" and 8"

Tread Width: 2"



HydroTech
(p. 74)

Nylon Wheels

Pages: 75-76

Capacity:

600 lbs to 2160 lbs each

For Caster Series: 4 and 6

Wheel Diameters: 3-1/4", 4", 5", 6", 8" and 10"

Tread Width: 1-1/2", and 2"



Moldon Nylon
on Aluminum
(p. 75)



Maxim®
(p. 76)

High Temperature

Pages: 77

Capacity:

225 lbs to 1,100 lbs each

For Caster Series: 2, 3, 4 and 6

Wheel Diameters: 3", 3-1/2", 4", 5", and 6"

Tread Width: 1-1/4", 1-1/2", and 2"



Thermo® (p. 77)

Polyolefin

Pages: 78-79

Capacity:

75 lbs to 900 lbs each

For Caster Series: 1, 2, 3, 4 and 6

Wheel Diameters: 1-5/8", 2", 2-1/2", 3", 3-1/2", 4", 5", 6", and 8"

Tread Width: 7/8", 1-1/4", 1-1/2", and 2"



Polyolefin (p. 78-79)

Phenolic

Pages: 80-81

Capacity:

300 lbs to 1,400 lbs each

For Caster Series: 2, 3, 4, and 6

Wheel Diameters: 2-1/2", 3", 3-1/4", 4", 5", 6", 8", 10", and 12"

Tread Width: 1-7/16", 1-15/32", 1-1/2", and 2"



Phenolic (p. 80-81)

Metal Wheels

Pages: 82-84

Capacity:

200 lbs to 1,500 lbs each

For Caster Series: 2, 3, 4 and 6

Wheel Diameters: 2-1/2", 3", 3-1/2", 4", 5", 6", and 8"

Tread Width: 1-1/4", 1-1/2", and 2"



Cast Iron (p. 82-83)



V-Groove (p. 84)

Encore Hand Truck Wheels

Page: 85

Capacity:

280 lbs to 600 lbs each

Wheel Diameters: 8", and 10"

Tread Width: 1-1/2", and 2"



Encore (p. 85)

Understanding Bearing Options

Delrin® Bearing

Delrin, a DuPont engineered plastic, is extremely durable under a wide range of temperature and humidity conditions, and is corrosion resistant. Wheels with Delrin bearings are well suited for applications where brine conditions, steam cleaning, excessive water, or liquids are present. One piece or two piece Delrin bearing models are available (shown with spanner bushing). To order, see page 93.



Annular Ball Bearing

Annular ball bearings are precision type bearings with machined, hardened raceways. This bearing is for applications where maximum rolling ease and quiet operation are needed and best suited for light to medium duty loads. The bearing is pre-assembled, and the entire unit is mounted in the wheel.



Precision Sealed Ball Bearing (Prec. Ball)

Recommended for maximum rolling ease with no maintenance lubrication required, this quiet operating bearing is for medium duty to heavy duty loads. This bearing is available on all Endura Solid Elastomer and 2" tread width non conductive Performa Rubber wheels. Minimum order quantities apply to performa wheels. Now available for Performa hand truck wheels! To order, see page 93.



Pedestal Precision Ball Bearing (PPBB)

This bearing is perfect when excellent rolling ease and quiet operation are required for your application. There is no maintenance grease required. The integrated spanner bushing makes installation easy. Now available in stainless steel, too! To order, see page 93.



Stainless Steel Model

Plain & Sleeve Bearing

Plain and sleeve bearings provide a metal sleeve inserted in a wheel to rest directly on the axle. This option is only recommended when rolling ease is less critical. To order, see page 93.



Bronze Bearing

The bronze bearing is durable under a wide range of temperature and humidity conditions and is corrosion resistant. It is highly recommended for high heat (up to 350°F) or wet applications (shown with spanner bushing). To order, see page 93.



Roller Bearing

The roller bearing is capable of carrying a greater load than the same size diameter ball bearing. It has a split outer race shell into which the roller assembly is inserted. Standard Colson roller assembly features hardened steel rollers enclosed in a thermoplastic case on 1-1/2" and 2" tread width wheels. Metal cage roller bearings are available (Specify WB29) and are standard on wheels with tread widths of 2-1/2" and larger. Combination seal/thrust retainer washers protect the bearing from dirt, water, and chemicals. They also help absorb thrust friction (Note: roller bearing must be used with hardened spanner bushing or hardened shaft). To order, see page 93.



Torrington-Style Roller Bearing

Colson's Torrington-style caged drawn cup bearings have a steel cage that provides inward retention of the needle rollers. This design provides maximum cage strength consistent with long service life. This bearing is available on 2" tread width wheels only. (Note: Must be used with hardened spanner bushing or hardened shaft.) To order, see page 93.



Plastic & Metal Thread Guards

Designed to keep lint, thread and other soft materials out of bearings.

Certain industries and institutions find that excessive amounts of lint, thread and other soft materials have a tendency to work into caster wheel bearings. Wheel thread guards help overcome this problem. The thread guard does not revolve and thus forces thread to deposit away from the wheel bearing, not to mention it greatly improves the caster's appearance. Colson offers both plastic and metal thread guards. Plastic

thread guards are more flexible and will not rust or corrode making them ideal for wash down applications. Metal thread guards have a zinc plated finish on 1-3 Series wheels and a galvanized finish for 4-7 Series models to protect against corrosion. To order on a caster, specify "TG1" for metal and "TG2" for plastic thread guards. To check for availability on caster models consult factory (See page 98).



PERFORMA^{wheels}

OFTEN IMITATED, NEVER DUPLICATED.

TOUGH ENVIRONMENTS



IMPACT & SHOCK PROTECTION



REJECTS FLOOR DEBRIS



Performa Wheels are the market's most superior soft tread wheel. Competitors from around the world have attempted to copy this innovative and unique wheel since its release in 1993. Performa is the original, and it's **manufactured right here in the USA in more sizes and treads than ever before.**

WHY PERFORMA?

- **Easy rolling and turning— for ergonomic advantages**
- **Quiet rolling, impact resistant and very floor protective**
- **Absorbs shock to help protect equipment**
- **Maximum weather-ability and resistance to chemicals, water and steam**
- **USA-Made for fast lead times and the highest quality**
- **Rejects floor debris, such as metal shavings, for long service life**



The Performa wheels are in stock and ready to ship. Contact your Colson representative **for more information, quotes, samples, or to place your order today!**



Performa® Rubber Wheels



Flat Grey Tread

Capacity up to 325 lbs each



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Flat Grey Tread • Capacity up to 325 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 1 5/8" | 7/8" | 60 | Delrin | 1.00001.441 | 5/16" | 1/2" | 1 1/32" | - | - | - | 1/4 |
| 2" | 7/8" | 75 | Delrin | 1.00002.441 | 5/16" | 1/2" | 1 1/32" | - | - | - | 1/4 |
| 2 1/2" | 1 1/4" | 140 | Delrin | 2.00002.441 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | - | 1/4 |
| | | | Ball | 2.00002.445 | 3/8" | - | 1 1/2" | - | - | - | 3/8 |
| 3" | 7/8" | 125 | Delrin | 1.00003.441 | 7/16" | 39/64" | 1 1/32" | 5/16" | 1 7/64" | TG1: 57852.03 | 1/4 |
| | | | Delrin | 2.00033.441 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | - | 1/2 |
| | 1 1/4" | 200 | Ball | 2.00033.445 | 3/8" | - | 1 1/2" | - | - | - | 1/2 |
| 3 1/2" | 1 1/4" | 250 | Delrin | 2.00003.441 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 3/8 |
| | | | Ball | 2.00003.445 | 3/8" | - | 1 1/2" | - | - | TG2: 57852.39 | 1/2 |
| 4" | 7/8" | 135 | Delrin | 1.00004.441 | 7/16" | 39/64" | 1 1/32" | 5/16" | 1 7/64" | - | 1/4 |
| | | | Delrin | 2.00004.441 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 5/8 |
| | 1 1/4" | 300 | Ball | 2.00004.445 | 3/8" | - | 1 1/2" | - | - | | 3/4 |
| 5" | 7/8" | 145 | Delrin | 1.00005.441 | 7/16" | 39/64" | 1 1/32" | 5/16" | 1 7/64" | TG2: 57852.42 | 1/4 |
| | | | Delrin | 2.00005.441 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57866.03 | 3/4 |
| | 1 1/4" | 325 | Ball | 2.00005.445 | 3/8" | - | 1 1/2" | - | - | TG2: 57852.43 | 7/8 |
| 6" | 1 1/4" | 325 | Delrin | 2.00006.441 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57866.03 | 3/4 |
| | | | Ball | 2.00006.445 | 3/8" | - | 1 1/2" | - | - | TG2: 57852.43 | 7/8 |

Precision Performa Flat

Capacity up to 325 lbs each



Precision Performa Flat are similar to Performa Rubber Flat treads shown above, but also feature precision ball bearings and partial thread guard.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Precision Performa Rubber Wheels • Flat Grey Tread • Capacity up to 325 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|----------------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3" | 1 1/4" | 200 | Precision Ball | 2.00033.4P8 | 3/8" | - | 1 1/2" | - | - | 5/16 |
| 3 1/2" | 1 1/4" | 250 | Precision Ball | 2.00003.4P8 | 3/8" | - | 1 1/2" | - | - | 5/16 |
| 4" | 1 1/4" | 300 | Precision Ball | 2.00004.4P8 | 3/8" | - | 1 1/2" | - | - | 3/8 |
| 5" | 1 1/4" | 325 | Precision Ball | 2.00005.4P8 | 3/8" | - | 1 1/2" | - | - | 3/4 |





Flat Grey Tread

Capacity up to **675 lbs each**



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Flat Grey Tread • Capacity up to 675 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 3" | 1 1/2" | 250 | Delrin | 3.00003.441 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 3/4 |
| | | | Roller | 3.00003.449 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 |
| | | | Delrin | 4.00003.441 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 3/4 |
| | | | Roller | 4.00003.449 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 |
| 4" | 1 1/2" | 325 | Delrin | 3.00004.441 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 |
| | | | Roller | 3.00004.449 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 1/4 |
| | | | Delrin | 4.00004.441 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 |
| | | | Roller | 4.00004.449 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 1/4 |
| | 2" | 400 | Delrin | 5.00004.451 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 1 1/4 |
| | | | Roller | 5.00004.459 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 1 1/2 |
| PPBB | 5.00004.455 | 1/2" | 13/16" | 27/16" | - | - | - | - | 1 1/2 | | |
| 5" | 1 1/2" | 350 | Delrin | 3.00005.441 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 1/4 |
| | | | Roller | 3.00005.449 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 1/2 |
| | | | Delrin | 4.00005.441 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 1/4 |
| | | | Roller | 4.00005.449 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 1/2 |
| | 2" | 500 | PPBB | 5.00005.455 | 1/2" | 13/16" | 27/16" | - | - | TG1: 57852.35 | 1 1/2 |
| | | | Delrin | 5.00005.451 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG2: 57852.34 | 1 1/2 |
| Roller | 5.00005.459 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 1 1/2 | | | |
| 6" | 1 1/2" | 375 | Delrin | 3.00006.441 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 1/2 |
| | | | Roller | 3.00006.449 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 3/4 |
| | | | Delrin | 4.00006.441 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 1/2 |
| | | | Roller | 4.00006.449 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 3/4 |
| | 2" | 600 | PPBB | 5.00006.455 | 1/2" | 13/16" | 27/16" | - | - | TG1: 59042.07 | 1 3/4 |
| | | | Delrin | 5.00006.451 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG2: 57852.29 | 1 3/4 |
| Roller | 5.00006.459 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 1 3/4 | | | |
| 8" | 1 1/2" | 500 | Delrin | 4.00008.441 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 2 1/4 |
| | | | Roller | 4.00008.449 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 2 1/4 |
| | 2" | 675 | PPBB | 5.00008.455 | 1/2" | 13/16" | 27/16" | - | - | TG1: 57852.04 | 2 1/2 |
| | | | Delrin | 5.00008.451 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG2: 57852.30 | 2 1/2 |
| | | | Roller | 5.00008.459 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 2 1/2 |

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Precision Sealed Ball Bearing (2" tread width): To order, change 8th and 9th digits in wheel model to **"P5"** (Example 5.00006.4P5). Minimum order quantities apply.
- Pedestal Precision Ball Bearing (PPBB): Available on 1 1/2" tread width wheels. To order change ninth digit in model number to **"5"** (Example: 3.00003.445). Also available in stainless steel (consult factory).
- Metal cage roller bearing: Specify **"WB29"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic).
- Custom colors to match your equipment (consult factory).



Round Grey Tread

Capacity up to **250 lbs each**



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core and is non-marking.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Round Grey Tread • Capacity up to 250 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 3 1/2" | 1 5/16" | 250 | Delrin | 2.00003.561 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | — | 1/2 |
| | | | Ball | 2.00003.565 | 3/8" | — | 1 1/2" | — | — | — | 5/8 |
| 5" | 1 5/16" | 325 | Delrin | 2.00005.561 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 7/8 |
| | | | Ball | 2.00005.565 | 3/8" | — | 1 1/2" | — | — | TG2: 57852.39 | 1 |

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic).
- Custom colors to match your equipment (consult factory).

Crowned Grey Tread

Capacity up to **325 lbs each**



Performa crowned tread wheels come standard with thread guards and precision ball bearings. These wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core and is non-marking.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Crowned Rubber Wheels • Crowned Grey Tread • Capacity up to 325 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|----------------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3" | 1 1/4" | 200 | Precision Ball | 2.00033.5P8 | 3/8" | — | 1 1/2" | — | — | 5/16 |
| 3 1/2" | 1 1/4" | 250 | Precision Ball | 2.00003.5P8 | 3/8" | — | 1 1/2" | — | — | 5/16 |
| 4" | 1 1/4" | 300 | Precision Ball | 2.00004.5P8 | 3/8" | — | 1 1/2" | — | — | 3/8 |
| 5" | 1 1/4" | 325 | Precision Ball | 2.00005.5P8 | 3/8" | — | 1 1/2" | — | — | 3/4 |



Performa® Rubber Wheels



Flat Black Tread

Capacity up to 1700 lbs each



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Flat Black Tread • Capacity up to 1700 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 400 | PPBB | 5.00004.455.2 | 1/2" | 13/16" | 27/16" | — | — | — | 1 1/2 |
| | | | Delrin | 5.00004.451.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | — | 1 1/4 |
| | | | Roller | 5.00004.459.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | — | 1 1/2 |
| 5" | 2" | 500 | PPBB | 5.00005.455.2 | 1/2" | 13/16" | 27/16" | — | — | TG1: 57852.35 TG2: 57852.34 | 1 1/2 |
| | | | Delrin | 5.00005.451.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 1/2 |
| | | | Roller | 5.00005.459.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 1/2 |
| 6" | 2" | 600 | PPBB | 5.00006.455.2 | 1/2" | 13/16" | 27/16" | — | — | TG1: 59042.07 TG2: 57852.29 | 1 3/4 |
| | | | Delrin | 5.00006.451.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 3/4 |
| | | | Roller | 5.00006.459.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 3/4 |
| 8" | 2" | 675 | PPBB | 5.00008.455.2 | 1/2" | 13/16" | 27/16" | — | — | TG1: 57852.04 TG2: 57852.30 | 2 1/2 |
| | | | Delrin | 5.00008.451.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 2 1/2 |
| | | | Roller | 5.00008.459.2 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 2 1/2 |
| 10" | 2 1/2" | 1000 | Delrin | 7.00010.451.2 | 1" | 115/16" | 31/4" | 3/4" | 3 1/2" | — | 6 |
| | | | Roller | 7.00010.459.2 | 1" | 115/16" | 31/4" | 3/4" | 3 1/2" | — | 6 1/4 |
| 12" | 3" | 1700 | Delrin | 7.00012.451.2 | 1" | 115/16" | 31/4" | 3/4" | 3 1/2" | — | 7 |
| | | | Roller | 7.00012.459.2 | 1" | 115/16" | 31/4" | 3/4" | 3 1/2" | — | 7 1/2 |

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Precision Sealed Ball Bearing (2" tread width): To order, change 8th and 9th digits in wheel model to "P5" (Example 5.00006.4P5.2). Minimum order quantities apply.
- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic).
- Custom colors to match your equipment (consult factory).



Round Grey Tread

Capacity up to **600 lbs** each



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core and is non-marking.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

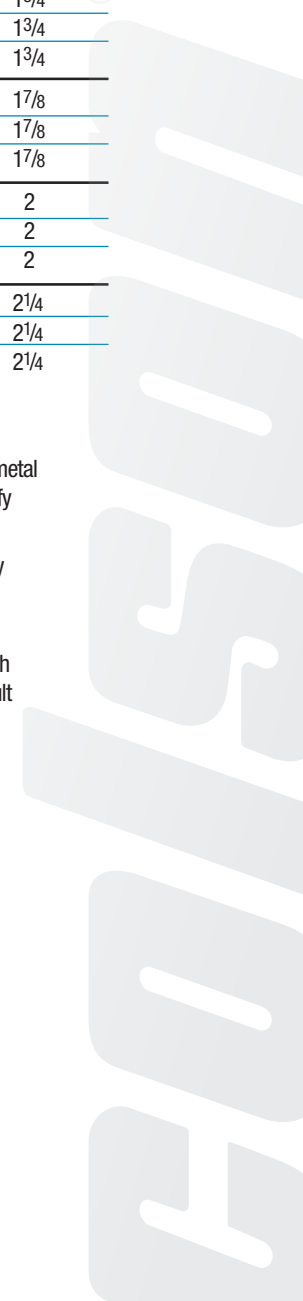
Hardness: 65(±5) Durometer Shore A scale.

Colson Performa Rubber Wheels • Round Grey Tread • Capacity up to 600 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 400 | PPBB | 5.00004.555 | 1/2" | 1 3/16" | 27/16" | — | — | — | 1 3/4 |
| | | | Delrin | 5.00004.551 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 1 3/4 |
| | | | Roller | 5.00004.559 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 1 3/4 |
| 5" | 2" | 425 | PPBB | 5.00005.555 | 1/2" | 1 3/16" | 27/16" | — | — | TG1: 57852.35 TG2: 57852.34 | 17/8 |
| | | | Delrin | 5.00005.551 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 17/8 |
| | | | Roller | 5.00005.559 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 17/8 |
| 6" | 2" | 450 | PPBB | 5.00006.555 | 1/2" | 1 3/16" | 27/16" | — | — | TG1: 59042.07 TG2: 57852.29 | 2 |
| | | | Delrin | 5.00006.551 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 2 |
| | | | Roller | 5.00006.559 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 2 |
| 8" | 2" | 600 | PPBB | 5.00008.555 | 1/2" | 1 3/16" | 27/16" | — | — | TG1: 57852.04 TG2: 57852.30 | 2 1/4 |
| | | | Delrin | 5.00008.551 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 2 1/4 |
| | | | Roller | 5.00008.559 | 3/4" | 1 3/16" | 23/16" | 1/2" | 27/16" | | 2 1/4 |

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Precision Sealed Ball Bearing: To order, change 8th and 9th digits in wheel model to **"P5"** (Example 5.00006.4**P5**). Minimum order quantities apply.
- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).
- Metal cage roller bearing: Specify **"WB29"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic).
- Custom colors to match your equipment (consult factory).



Conductive Flat Grey Tread

Capacity up to 250 lbs each



Many computer manufacturers and electronics companies require conductive wheels on assembly carts to eliminate static build-up and discharge. Although conductive caster wheels have existed for years, almost all of them mark floors. Colson has solved this problem with our selection of Performa Conductive Wheels. These models combine a soft cushion ride with a non-marking tread design. All wheels feature a cushion grey Performa tread bonded to a black Polyolefin wheel core. Performa Conductive wheels have been rigorously tested and approved by an independent lab and meet the requirements of federal specification FF-C-88C. This specification requires an average electrical resistance of less than 250,000 ohms. For other wheel sizes, please consult factory for availability.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 75(±5) Durometer Shore A scale.

Colson Performa Conductive Rubber Wheels • Flat Grey Tread • Capacity up to 250 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 2½" | 1¼" | 125 | Ball | 2.00002.445 COND | 3/8" | — | 1½" | — | — | 3/8 |
| 3" | 1¼" | 200 | Ball | 2.00033.445 COND | 3/8" | — | 1½" | — | — | ½ |
| 3½" | 1¼" | 200 | Ball | 2.00003.445 COND | 3/8" | — | 1½" | — | — | ½ |
| 4" | 1¼" | 250 | Ball | 2.00004.445 COND | 3/8" | — | 1½" | — | — | ¾ |
| 5" | 1¼" | 325 | Ball | 2.00005.445 COND | 3/8" | — | 1½" | — | — | 7/8 |
| 6" | 1¼" | 350 | Ball | 2.00006.445 COND | 3/8" | — | 1½" | — | — | 1 |

Note: Extended delivery item. Consult Factory.

Conductive Round Grey Tread

Capacity up to 250 lbs each



Colson Performa Conductive Rubber Wheels • Round Grey Tread • Capacity up to 250 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3½" | 15/16" | 250 | Ball | 2.00003.565 COND | 3/8" | — | 1½" | — | — | 5/8 |
| 5" | 15/16" | 325 | Ball | 2.00005.565 COND | 3/8" | — | 1½" | — | — | 1 |

Note: Extended delivery item. Consult Factory.

IMPORTANT NOTICE

As oil is injurious to compounds and impairs the electrical conductivity of these products, contact with oil should be avoided. Conductive characteristics of the tread compounds may decrease with, among other things, service and contact with lubricants, waxes, polishes and cleaning materials used for floor maintenance. Since Colson has no control over these conditions, no warranties, express or implied, of either merchantability, fitness or otherwise respect to the continuing level of conductivity of the product, are made.

Performa® Rubber Conductive Wheels



Conductive Flat Grey Tread

Capacity up to 500 lbs each



Many computer manufacturers and electronics companies require conductive wheels on assembly carts to eliminate static build-up and discharge. Although conductive caster wheels have existed for years, almost all of them mark floors. Colson has solved this problem with our selection of Performa Conductive Wheels. These models combine a soft cushion ride with a non-marking tread design. All wheels feature a cushion grey Performa tread bonded to a black Polyolefin wheel core. Performa Conductive wheels have been rigorously tested and approved by an independent lab and meet the requirements of federal specification FF-C-88C. This specification requires an average electrical resistance of less than 250,000 ohms. For other wheel sizes, please consult factory for availability.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 75(±5) Durometer Shore A scale.

Colson Performa Conductive Rubber Wheels • Flat Grey Tread • Capacity up to 500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3" | 1 1/2" | 225 | Roller | 4.00003.449 COND | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | 1 |
| 4" | 1 1/2" | 255 | Roller | 3.00004.449 COND | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | 1 1/4 |
| | | | Roller | 4.00004.449 COND | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | 1 1/4 |
| | 2" | 300 | PPBB | 5.00004.455 COND | 1/2" | 13/16" | 27/16" | — | — | 1 1/2 |
| | | | Roller | 5.00004.459 COND | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 1 1/2 |
| 5" | 1 1/2" | 280 | Roller | 3.00005.449 COND | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | 1 1/4 |
| | | | Roller | 4.00005.449 COND | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | 1 1/4 |
| | 2" | 325 | PPBB | 5.00005.455 COND | 1/2" | 13/16" | 27/16" | — | — | 1 1/2 |
| | | | Roller | 5.00005.459 COND | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 1 1/2 |
| 6" | 1 1/2" | 300 | Roller | 3.00006.449 COND | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | 1 3/4 |
| | | | Roller | 4.00006.449 COND | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | 1 3/4 |
| | 2" | 410 | PPBB | 5.00006.455 COND | 1/2" | 13/16" | 27/16" | — | — | 1 3/4 |
| | | | Roller | 5.00006.459 COND | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 1 3/4 |
| 8" | 1 1/2" | 350 | Roller | 4.00008.449 COND | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | 2 1/4 |
| | | | PPBB | 5.00008.455 COND | 1/2" | 13/16" | 27/16" | — | — | 2 1/4 |
| | 2" | 500 | Roller | 5.00008.459 COND | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 2 1/2 |

Note: Extended delivery item. Consult Factory.

Wheel Options

- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).

Conductive Round Grey Tread

Capacity up to 500 lbs each



Wheel Options

- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel (consult factory).

Note: Extended delivery item. Consult Factory.

Colson Performa Conductive Rubber Wheels • Round Grey Tread • Capacity up to 500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 6" | 2" | 410 | PPBB | 5.00006.555 COND | 1/2" | 13/16" | 27/16" | — | — | 15/8 |
| | | | Roller | 5.00006.559 COND | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 15/8 |
| 8" | 2" | 500 | PPBB | 5.00008.555 COND | 1/2" | 13/16" | 27/16" | — | — | 2 1/4 |
| | | | Roller | 5.00008.559 COND | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 2 1/2 |

IMPORTANT NOTICE

As oil is injurious to compounds and impairs the electrical conductivity of these products, contact with oil should be avoided. Conductive characteristics of the tread compounds may decrease with, among other things, service and contact with lubricants, waxes, polishes and cleaning materials used for floor maintenance. Since Colson has no control over these conditions, no warranties, express or implied, of either merchantability, fitness or otherwise respect to the continuing level of conductivity of the product, are made.



Flat Tread

Capacity up to 350 lbs each



Center Hub Design. This black tread wheel is a light weight, high performance hand truck wheel that rolls longer, quieter and smoother without marking floors. The exclusive wheel design features a zerk fitting for the wheel bearing and provides maximum rolling ease for greater maneuverability on the job. The exclusive wheel tread material won't pick up gravel or floor debris, and this wheel performs better than a pneumatic tire...yet never goes flat! Like all of our Performa models, the wheel provides maximum shock absorption for a cushioned ride and will not flatspot... even under load. The materials give superior weather resistance and lower temperature flexibility, as well as a high resistance to chemicals, acids, water and steam.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 55(±5) Durometer Shore A scale.

Colson Performa Hand Truck Wheels • Flat Tread • Capacity up to 350 lbs each

| Black Tread Models | | | Bearing | Wheel Model Number | Specify Bore Code | Wheel | | Hub | | Weight (Pounds) |
|--------------------|-------------|------------------------|------------|--------------------|-------------------|--------------|-------------------|---------------------|---------------------|-----------------|
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | | | | Bearing Bore | Bore Less Bearing | Length Less Bearing | Length With Bearing | |
| 8" | 1 1/2" | 350 | None | 4.00008.486.2 | None | N/A | 1 3/8" | 1 5/8" | 1 7/8" | 2 1/4 |
| | | | Prec. Ball | 4.00008.485.2 | WB625 | 5/8" | 1 3/8" | 1 5/8" | 1 7/8" | 2 1/4 |
| | | | Prec. Ball | 4.00008.485.2 | WB750 | 3/4" | 1 3/8" | 1 5/8" | 1 7/8" | 2 1/4 |

Round Tread

Capacity up to 500 lbs each



Offset hub design. This black or grey tread wheel is a light weight, high performance hand truck wheel that rolls longer, quieter and smoother without marking floors. The exclusive wheel design features a zerk fitting for the wheel bearing and provides maximum rolling ease for greater maneuverability on the job. The exclusive wheel tread material won't pick up gravel or floor debris, and this wheel performs better than a pneumatic tire...yet never goes flat! Like all of our Performa models, the wheel provides maximum shock absorption for a cushioned ride and will not flatspot... even under load. The materials give superior weather resistance and lower temperature flexibility, as well as a high resistance to chemicals, acids, water and steam.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 55(±5) Durometer Shore A scale.

Colson Performa Hand Truck Wheels • Round Tread • Capacity up to 500 lbs each

| Black Tread Models | | | Bearing | Wheel Model Number | Specify Bore Code | Wheel | | Hub | | Weight (Pounds) |
|--------------------|-------------|------------------------|------------|--------------------|-------------------|--------------|-------------------|---------------------|---------------------|-----------------|
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | | | | Bearing Bore | Bore Less Bearing | Length Less Bearing | Length With Bearing | |
| 8" | 2" | 500 | Prec. Ball | 5.00008.585.2 | WB625 | 5/8" | 1 3/8" | 1 3/4" | 2" | 2 1/4 |
| | | | Prec. Ball | 5.00008.585.2 | WB750 | 3/4" | 1 3/8" | 1 3/4" | 2" | 2 1/4 |
| | | | None | 5.00008.596.2 | None | N/A | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| | | | Prec. Ball | 5.00008.595.2 | WB625 | 5/8" | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| | | | Prec. Ball | 5.00008.595.2 | WB750 | 3/4" | 1 3/8" | 2" | 2 1/4" | 2 1/4 |

Grey Tread Models

| | | | | | | | | | | |
|----|----|-----|------------|-------------|-------|------|--------|--------|--------|-------|
| 8" | 2" | 500 | None | 5.00008.586 | None | N/A | 1 3/8" | 1 3/4" | N/A | 2 1/4 |
| | | | Prec. Ball | 5.00008.585 | WB625 | 5/8" | 1 3/8" | 1 3/4" | 2" | 2 1/4 |
| | | | Prec. Ball | 5.00008.585 | WB750 | 3/4" | 1 3/8" | 1 3/4" | 2" | 2 1/4 |
| | | | None | 5.00008.596 | None | N/A | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| | | | Prec. Ball | 5.00008.595 | WB625 | 5/8" | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| | | | Prec. Ball | 5.00008.595 | WB750 | 3/4" | 1 3/8" | 2" | 2 1/4" | 2 1/4 |

Cushion & Hard Rubber Wheels

Capacity up to 100 lbs each



Conventional-style rubber wheels. Provides good floor protection and quiet operation.

Temperature range: -20°F to +160°F.

Hardness: Soft Tread 70 (±5) Durometer Shore A scale, Hard Tread 75 (±5) Durometer Shore D scale.

Colson Cushion & Hard Rubber Wheels • Capacity up to 100 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 2" | 7/8" | 75 | Ball | Soft Tread 1.00002.45 | 5/16" | – | 13/32" | – | – | 1/8 |
| | | 100 | Ball | Hard Tread 1.00002.55 | 5/16" | – | 13/32" | – | – | 3/16 |

Wheel Selection

NEW 2 SERIES WHEELS



Precision Performa Flat

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Crowned Grey Tread

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Soft and Hard Rubber

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Precision Polyurethane HI-TECH Grey

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Polyurethane HI-TECH Grey

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Soft and Hard Rubber Wheels

Soft Rubber

Capacity up to 175 lbs each



Protect floors and quiet operation with rubber wheels. Soft rubber is molded to harder rubber core.

Temperature range: -40°F to +180°F intermittent service (120°F continuous service).

Hardness: 80(±5) Durometer Shore A scale.

Soft Rubber Wheels • BlackTread • Capacity up to 175 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3" | 1 1/4" | 150 | Plain | 2.00033.RR2 | 1/2" | – | 1 3/8" | – | – | 1/2 |
| 3 1/2" | 1 1/4" | 150 | Plain | 2.00003.RR2 | 1/2" | – | 1 3/8" | – | – | 1/2 |
| 4" | 1 1/4" | 150 | Plain | 2.00004.RR2 | 1/2" | – | 1 3/8" | – | – | 3/4 |
| 5" | 1 1/4" | 175 | Plain | 2.00005.RR2 | 1/2" | – | 1 3/8" | – | – | 7/8 |

Hard Rubber

Capacity up to 175 lbs each



Protect floors and quiet operation with our rubber wheels.

Temperature range: -40°F to +180°F intermittent service (120°F continuous service).

Hardness: 75(±5) Durometer Shore D scale.

Hard Rubber Wheels • BlackTread • Capacity up to 350 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3" | 1 1/4" | 350 | Plain | 2.00033.RN2 | 1/2" | – | 1 3/8" | – | – | 1/2 |
| 3 1/2" | 1 1/4" | 350 | Plain | 2.00003.RN2 | 1/2" | – | 1 3/8" | – | – | 1/2 |
| 4" | 1 1/4" | 350 | Plain | 2.00004.RN2 | 1/2" | – | 1 3/8" | – | – | 3/4 |
| 5" | 1 1/4" | 350 | Plain | 2.00005.RN2 | 1/2" | – | 1 3/8" | – | – | 7/8 |

Moldon Rubber Cast Iron Wheels

Capacity up to 500 lbs each



Moldon rubber is bonded to a cast iron core. These wheels are quiet in operation and absorb shock and vibration. They help prolong equipment life and protect cargo.

Temperature Range: -45°F to +160°F.

Hardness: 70(±5) Durometer Shore A scale.

Zerk Fitting: Zerk grease fitting in hub is standard on wheel model numbers beginning with "7".

Finish: Black painted cast iron wheel core.

Colson Moldon Rubber Cast Iron Wheels • Capacity up to 500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 4" | 2" | 400 | Delrin | 5.00004.641.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 43/8 |
| | | | Roller | 5.00004.649.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 43/8 |
| 5" | 2" | 400 | Delrin | 5.00005.641.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 5 |
| | | | Roller | 5.00005.649.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 5 |
| 6" | 2" | 450 | Delrin | 5.00006.641.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 55/8 |
| | | | Roller | 5.00006.649.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 55/8 |
| 8" | 2" | 500 | Delrin | 5.00008.641.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 9 1/4 |
| | | | Roller | 5.00008.649.7 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | 9 1/4 |

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change ninth digit in model number to "5" (Example: 5.00006.645.7). Also available in stainless steel, consult factory.



Wheel Selection

Moldon Polyurethane Aluminum Core Wheels

Capacity up to 1500 lbs each



Light-weight and ultra-durable, this wheel has a very high strength-to-weight ratio and is capable of long service under heavy loads. Maroon color polyurethane is permanently bonded to the aluminum core.

Temperature range: -45°F to +180°F.

Hardness: 95(±5) Durometer Shore A scale.

Finish: Aluminum.

Colson Moldon Polyurethane Aluminum Core Wheels • Capacity up to 1500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 700 | Delrin | 5.00004.931 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | - | 2 3/8 |
| | | | Roller | 5.00004.939 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | - | 2 3/8 |
| 5" | 2" | 1000 | Delrin | 5.00005.931 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57866.01 | 2 3/8 |
| | | | Roller | 5.00005.939 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 2 3/8 |
| 6" | 2" | 1200 | Delrin | 5.00006.931 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 52001.86 | 2 5/8 |
| | | | Roller | 5.00006.939 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 2 5/8 |
| 8" | 2" | 1500 | Delrin | 5.00008.931 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.20 | 4 1/4 |
| | | | Roller | 5.00008.939 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 4 1/4 |

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer (except 8 Series): Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Pedestal Precision Ball Bearing (PPBB): To order change ninth digit in model number to "5" (Example: 5.00006.935). Also available in stainless steel, consult factory.

Moldon Polyurethane HI-TECH® Wheels



Capacity up to 300 lbs each



Polyurethane tread is bonded to a polyolefin core. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core. This is a very attractive, all purpose wheel. Resistant to most chemicals, solvents, water and acids.



Wheel Core

Temperature range: -45°F to +180°F.

Hardness: 45(±5) Durometer Shore D scale.

Colson Moldon Polyurethane HI-TECH Maroon Wheels • Capacity up to 350 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|------------|--------------------|--------------|-------------------|------------|-----------------|---------------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 2 1/2" | 1 1/4" | 250 | Delrin | 2.00002.91 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57852 | 1/4 |
| | | | Ball | 2.00002.95 | 3/8" | - | 1 1/2" | - | - | | 1/4 |
| 3" | 7/8" | 100 | Delrin | 1.00003.91 | 7/16" | 5/8" | 1 1/32" | 5/16" | 17/64" | TG1: 57852.03 | 1/3 |
| | 1 1/4" | 300 | Plain | 2.00003.92 | - | 1 1/2" | 17/16" | 3/8" | 1 1/2" | - | 3/8 |
| 3 1/2" | 1 1/4" | 350 | Delrin | 2.00003.91 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 3/8 |
| | | | Ball | 2.00003.95 | 3/8" | - | 1 1/2" | - | - | | 3/8 |
| 4" | 7/8" | 125 | Delrin | 1.00004.91 | 7/16" | 5/8" | 1 1/32" | 5/16" | 17/64" | - | 1/2 |
| | | 350 | Delrin | 2.00004.91 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 1/2 |
| | Ball | | 2.00004.95 | 3/8" | - | 1 1/2" | - | - | 1/2 | | |
| 5" | 7/8" | 140 | Delrin | 1.00005.91 | 7/16" | 5/8" | 1 1/32" | 5/16" | 17/64" | - | 1/2 |
| | | | 350 | Delrin | 2.00005.91 | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57866.03 |
| | Ball | 2.00005.95 | | 3/8" | - | 1 1/2" | - | - | TG2: 57852.43 | 3/4 | |
| 6" | 1 1/4" | 350 | Delrin | 2.00006.91 | 7/16" | 5/8" | 1 1/32" | 5/16" | 17/64" | - | 3/8 |
| | | | Ball | 2.00006.95 | 3/8" | - | 1 1/2" | - | - | | 3/8 |



Colson Moldon Polyurethane HI-TECH Grey Wheels • Capacity up to 350 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 2 1/2" | 1 1/4" | 250 | Delrin | 2.00002.91G | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57852 | 1/4 |
| | | | Ball | 2.00002.95G | 3/8" | - | 1 1/2" | - | - | | 1/4 |
| 3" | 1 1/4" | 300 | Delrin | 2.00003.91G | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | - | 3/8 |
| | | | Ball | 2.00003.95G | 3/8" | - | 1 1/2" | - | - | - | 3/8 |
| 3 1/2" | 1 1/4" | 350 | Delrin | 2.00003.91G | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 3/8 |
| | | | Ball | 2.00003.95G | 3/8" | - | 1 1/2" | - | - | | 3/8 |
| 4" | 1 1/4" | 350 | Delrin | 2.00004.91G | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 1/2 |
| | | | Ball | 2.00004.95G | 3/8" | - | 1 1/2" | - | - | | 1/2 |
| 5" | 1 1/4" | 350 | Delrin | 2.00005.91G | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | TG1: 57866.03 | 3/4 |
| | | | Ball | 2.00005.95G | 3/8" | - | 1 1/2" | - | - | | TG2: 57852.43 |
| 6" | 1 1/4" | 350 | Delrin | 2.00005.91G | 1/2" | 29/32" | 17/16" | 3/8" | 1 1/2" | - | 3/4 |
| | | | Ball | 2.00005.95G | 3/8" | - | 1 1/2" | - | - | | - |

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Custom colors to match your equipment (consult factory).
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic).

Moldon Polyurethane HI-TECH® Wheels (2" width)



Capacity up to 1200 lbs each



Redesigned Polyurethane HI-TECH wheels have increased load capacity!



Industrial strength polyurethane tread is molded to a interlocking "ridged" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core.

Not recommended for conditions of continuous operation such as tow-line, etc.

Temperature Range: -45°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.



Wheel Core



Wheel Selection

Maroon Colson Moldon Polyurethane HI-TECH Wheels • Capacity up to 1200 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------------------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 720 | Delrin Roller PPBB* | 5.00004.921 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | - | 1 1/4 |
| | | | | 5.00004.929 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 1/2 |
| | | | | 5.00004.925 | 1/2" | 1 3/16" | 2 7/16" | - | - | | 1 1/2 |
| 5" | 2" | 900 | Delrin Roller PPBB* | 5.00005.921 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.35 TG2: 57852.34 | 1 1/4 |
| | | | | 5.00005.929 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 1/2 |
| | | | | 5.00005.925 | 1/2" | 1 3/16" | 2 7/16" | - | - | | 1 1/2 |
| 6" | 2" | 1100 | Delrin Roller PPBB* | 5.00006.921 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 59042.07 TG2: 57852.29 | 1 5/8 |
| | | | | 5.00006.929 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 7/8 |
| | | | | 5.00006.925 | 1/2" | 1 3/16" | 2 7/16" | - | - | | 1 7/8 |
| 8" | 2" | 1200 | Delrin Roller PPBB* | 5.00008.921 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.04 TG1: 57852.30 | 2 1/2 |
| | | | | 5.00008.929 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 2 3/4 |
| | | | | 5.00008.925 | 1/2" | 1 3/16" | 2 7/16" | - | - | | 2 3/4 |

*Pedestal Precision Ball Bearing spanner bushings included. Part number is 56525.02.

Moldon Polyurethane HI-TECH Antimicrobial Grey



New Polyurethane HI-TECH Grey models feature anti-microbial material!



Similar to HI-TECH wheels above, but with the additional benefit of using anti-microbial material for food service and medical applications.



Moldon Polyurethane HI-TECH Grey Anti-Microbial Wheels • Capacity up to 1200 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------------------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 720 | Delrin Roller PPBB* | 5.00004.921G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | - | 1 1/4 |
| | | | | 5.00004.929G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 1/2 |
| | | | | 5.00004.925G | 1/2" | 1 3/16" | 2 7/16" | - | - | | 1 1/2 |
| 5" | 2" | 900 | Delrin Roller PPBB* | 5.00005.921G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.35 TG2: 57852.34 | 1 1/4 |
| | | | | 5.00005.929G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 1/2 |
| | | | | 5.00005.925G | 1/2" | 1 3/16" | 2 7/16" | - | - | | 1 1/2 |
| 6" | 2" | 1100 | Delrin Roller PPBB* | 5.00006.921G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 59042.07 TG2: 57852.29 | 1 5/8 |
| | | | | 5.00006.929G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 7/8 |
| | | | | 5.00006.925G | 1/2" | 1 3/16" | 2 7/16" | - | - | | 1 7/8 |
| 8" | 2" | 1200 | Delrin Roller PPBB* | 5.00008.921G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.04 TG1: 57852.30 | 2 1/2 |
| | | | | 5.00008.929G | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 2 3/4 |
| | | | | 5.00008.925G | 1/2" | 1 3/16" | 2 7/16" | - | - | | 2 3/4 |

*Pedestal Precision Ball Bearing spanner bushings included. Part number is 56525.02. Sealed version available, see note below.

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Custom colors to match your equipment (consult factory).
- Pedestal Precision Ball Bearing (PPBB): Also available in stainless steel, consult factory.
- Sealed Precision Ball Bearing: Specify "P5". Minimum order quantities apply.

Polyurethane HI-TECH® Wheels (1-1/2", 2-1/2" & 3" widths)



Capacity up to 1700 lbs each



Industrial strength polyurethane tread is bonded to a "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are maroon tread on grey core. **Not recommended for conditions of continuous operation such as tow-line, etc.**



Wheel Core

Temperature Range: -45°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.

Colson Moldon Polyurethane HI-TECH Wheels • Capacity up to 1700 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|------|--------|-------------------------|-----------------|
| 3" | 1 1/2" | 300 | Delrin | 3.00003.901 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 3/4 |
| | | | Roller | 3.00003.909 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 |
| | | | Delrin | 4.00003.911 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 3/4 |
| | | | Roller | 4.00003.919 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | - | 1 |
| 4" | 1 1/2" | 400 | Delrin | 3.00004.901 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 |
| | | | Roller | 3.00004.909 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | - | 1 1/4 |
| | | | Delrin | 4.00004.911 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 57852.23 | 1 |
| | | | Roller | 4.00004.919 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 1 1/4 |
| 5" | 1 1/2" | 500 | Delrin | 3.00005.901 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | TG1: 57852.10 | 1 1/4 |
| | | | Roller | 3.00005.909 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | | 1 1/2 |
| | | | Delrin | 4.00005.911 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 57852.11 | 1 1/4 |
| | | | Roller | 4.00005.919 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 1 1/2 |
| 6" | 1 1/2" | 600 | Delrin | 3.00006.901 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | TG1: 57852.08 | 1 1/2 |
| | | | Roller | 3.00006.909 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | | 1 3/4 |
| | | | Delrin | 4.00006.911 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 52001.86 | 1 1/2 |
| | | | Roller | 4.00006.919 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 1 3/4 |
| 8" | 1 1/2" | 800 | Delrin | 4.00008.911 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 57852.05 | 2 1/4 |
| | | | Roller | 4.00008.919 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 2 1/2 |
| 10" | 2 1/2" | 1200 | Delrin | 7.00010.951 | 1" | 1 15/16" | 3 1/4" | 3/4" | 3 1/2" | - | 6 |
| | | | Roller | 7.00010.959 | 1" | 1 15/16" | 3 1/4" | 3/4" | 3 1/2" | - | 6 1/4 |
| 12" | 3" | 1700 | Delrin | 7.00012.981 | 1" | 1 15/16" | 3 1/4" | 3/4" | 3 1/2" | - | 7 |
| | | | Roller | 7.00012.989 | 1" | 1 15/16" | 3 1/4" | 3/4" | 3 1/2" | - | 7 1/2 |

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Custom colors to match your equipment (consult factory).
- Pedestal Precision Ball Bearing (PPBB): Available on 1 1/2" and 2" tread width models. To order change ninth digit in model number to "5" (Example: 5.00006.925). Also available in stainless steel, consult factory.



Capacity up to 300 lbs each



Polyurethane tread is bonded to a polyolefin core. Wheels come standard ball bearings and thread guards. This is a very attractive, all purpose wheel. Resistant to most chemicals, solvents, water and acids.

Temperature range: -45°F to +180°F.

Hardness: 45(±5) Durometer Shore D scale.

Precision Polyurethane HI-TECH Grey Wheels • Grey Tread • Capacity up to 350 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|----------------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3" | 1 1/4" | 300 | Precision Ball | 2.00033.9P8 | 3/8" | – | 1 1/2" | – | – | 5/16 |
| 3 1/2" | 1 1/4" | 350 | Precision Ball | 2.000039P8 | 3/8" | – | 1 1/2" | – | – | 5/16 |
| 4" | 1 1/4" | 350 | Precision Ball | 2.000049P8 | 3/8" | – | 1 1/2" | – | – | 3/8 |
| 5" | 1 1/4" | 350 | Precision Ball | 2.000059P8 | 3/8" | – | 1 1/2" | – | – | 3/4 |

Wheel Selection



Moldon Polyurethane Cast Iron Core Wheels

Capacity up to 1500 lbs each



This is a strong, ultra-durable wheel. It has a very high strength-to-weight ratio and is capable of long service under heavy loads. Maroon color polyurethane is bonded to the cast iron core.

Temperature Range: -45°F to +180°F.

Hardness: 95(±5) Durometer Shore A scale.

Finish: Silver paint (wheel core).

Wheel Selection

Colson Moldon Polyurethane Cast Iron Core Wheels • Capacity up to 3500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 4" | 2" | 700 | Delrin | 5.00004.941.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 4 3/4 |
| | | | Roller | 5.00004.949.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 4 3/4 |
| 5" | 2" | 1000 | Delrin | 5.00005.941.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 5 |
| | | | Roller | 5.00005.949.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 5 |
| 6" | 2" | 1200 | Delrin | 5.00006.941.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 5 5/8 |
| | | | Roller | 5.00006.949.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 5 5/8 |
| 8" | 2" | 1500 | Delrin | 5.00008.941.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 9 1/4 |
| | | | Roller | 5.00008.949.7 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 9 1/4 |

Wheel Options

Delrin Bearing Less Bushing: Specify "WB01B".

1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".

1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".

- Metal cage roller bearing: Specify "WB29".

- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".

- Roller Bearing less Bushing: Specify "WB09B".

- Roller bearing metal thrust & retainer washers: Specify "WSR1".

- Roller bearing sintered iron step washers: Specify "WSR2".

- Roller bearing sealed metal retainer washer: Specify "WSR3".

- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change ninth digit in model number to "5" (Example: 5.00006.945.7). Also available in stainless steel, consult factory.



Endura® Solid Elastomer Wheels



Capacity up to 1200 lbs each



When you need a wheel to roll easily under heavy loads, Colson offers the perfect solution. Endura wheels out-perform most conventional caster wheels on the market. The secret is Colson's solid "monoform" wheel construction. With this unique design, wheel tread and core are molded as a single unit. This eliminates wheel tread separation and bond failure.

Colson's exclusive solid elastomer compound delivers greater durability than conventional metal, rubber, plastic, polyurethane and phenolic wheels.

Colson's severe and comprehensive test procedures prove Endura wheels outlast competitive solid elastomer wheels by more than 50%! Colson test results also show that Endura wheels start rolling, keep rolling, and swivel easier than our competitors.

Even in continuous operation, these wheels produce extremely low heat build-up making them perfect for tow-line applications (precision ball bearings required).

Endura wheels resist most chemicals, oils, greases, petroleum products and solvents. In addition, Endura non-marking wheels offer excellent resistance to chipping, cracking and flat-spotting. Superior impact strength and abrasion resistance further enhance durability.

Temperature range: -45F° to +230°F.

Hardness: 63(±5) Durometer Shore D scale.

Colson Endura Solid Elastomer Wheels • Capacity up to 1200 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|-------------|--------------------|--------------|-------------------|------------|-----------------|---------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 1000 | Delrin | 5.00004.831 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.11 | 1 3/8 |
| | | | Roller | 5.00004.839 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 3/8 |
| | | | Prec. Ball* | 5.00004.8P5 EN | — | — | 2 3/16" | 1/2" | 2 7/16" | | 1 3/8 |
| 5" | 2" | 1000 | Delrin | 5.00005.831 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 52007.94 | 1 3/4 |
| | | | Roller | 5.00005.839 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 3/4 |
| | | | Prec. Ball* | 5.00005.8P5 EN | — | — | 2 3/16" | 1/2" | 2 7/16" | | 1 3/4 |
| 6" | 2" | 1100 | Delrin | 5.00006.831 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57551.05 | 2 |
| | | | Roller | 5.00006.839 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 2 |
| | | | Prec. Ball* | 5.00006.8P5 EN | — | — | 2 3/16" | 1/2" | 2 7/16" | | 2 |
| 8" | 2" | 1200 | Delrin | 5.00008.831 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57551.05 | 3 1/4 |
| | | | Roller | 5.00008.839 EN | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 3 1/4 |
| | | | Prec. Ball* | 5.00008.8P5 EN | — | — | 2 3/16" | 1/2" | 2 7/16" | | 3 1/4 |

*Spanner bushing included. Part number is 56525.02.

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Metal cage roller bearing: Specify "WB29".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Pedestal Precision Ball Bearing (PPBB): To order change ninth digit in roller bearing model number to "5" (Example: 5.00006.835.EN). Also available in stainless steel, consult factory.



Capacity up to 1000 lbs each

HYDROTECH™



- The innovative new TPE alloy HYDROTECH™ wheels are formulated and designed to withstand continuous exposure to moisture, significantly increasing life expectancy compared to TPU
- Fusion bonded to prevent tread separation and reduce noise related to mechanical interlock failures
- Same load capacity and rollability as TPU
- Excellent abrasion resistant
- USA-made wheel is built to last and backed with confidence (industry leading 3-year warranty)

Temperature range: -45°F to +180°F.

Hardness: 40 ±(5) Shore D

Finish: Specially formulated TPE tread on polyolefin core.

Colson Moldon Polyurethane Aluminum Core Wheels • Capacity up to 1500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|------------|--------------------|--------------|-------------------|------------|-----------------|---------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 600 | Plain Bore | WH4X2TPE19 | — | 1 3/16" | 2 3/16" | — | — | — | — |
| | | | Delrin | 504000HF1 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Roller | 504000HF9 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Prec. Ball | 504000HF5 | 1/2" | 1 3/16" | 2 7/16" | — | — | — | — |
| 5" | 2" | 750 | Plain Bore | WH5X2TPE19 | — | 1 3/16" | 2 3/16" | — | — | — | — |
| | | | Delrin | 505000HF1 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Roller | 505000HF9 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Prec. Ball | 505000HF5 | 1/2" | 1 3/16" | 2 7/16" | — | — | — | — |
| 6" | 2" | 900 | Plain Bore | WH6X2TPE19 | — | 1 3/16" | 2 3/16" | — | — | — | — |
| | | | Delrin | 506000HF1 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Roller | 506000HF9 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Prec. Ball | 506000HF5 | 1/2" | 1 3/16" | 2 7/16" | — | — | — | — |
| 8" | 2" | 1000 | Plain Bore | WH8X2TPE19 | — | 1 3/16" | 2 3/16" | — | — | — | — |
| | | | Delrin | 508000HF1 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Roller | 508000HF9 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | — | — |
| | | | Prec. Ball | 508000HF5 | 1/2" | 1 3/16" | 2 7/16" | — | — | — | — |



HYDROTECH™

INTRODUCING... the ultimate TPE wheel for the outdoors

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Thread Guards: Specify "TG1" (metal).
- Custom colors to match your equipment (consult factory).
- Pedestal Precision Ball Bearing (PPBB): Available on 1 1/2" and 2" tread width models. To order change ninth digit in model number to "5" (Example: 5.00006.925). Also available in stainless steel, consult factory.

Moldon Nylon Aluminum Core Wheels



Capacity up to 1500 lbs each



Brown nylon tread is molded in, around and through slots in an aluminum wheel core. This mechanical tread locking system helps prevent tread bond failures under harsh operating conditions found in meat packing and food processing industries. A nylon wheel is recommended for applications requiring a high resistance to water, oils, gasoline, grease and certain salt solutions. Nylon is also resistant to paints and lacquers, cosmetic preparations, detergents, aerosol preparations, and animal and vegetable fats. Note: Nylon tread wheels bonded to a thermoplastic wheel core are available, consult factory.



Wheel Core

Temperature range: -45°F to +180°F (If metal retainer washer used, temperature range is -45° to +250° F).

Hardness: 70(±5) Durometer Shore D scale.

Colson Moldon Nylon Aluminum Core Wheels • Capacity up to 1500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-------------------------|-------------------------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 5" | 2" | 1000 | Delrin | 5.00005.931.3 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57852.11 | 2 |
| | | | Roller | 5.00005.939.3 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57852.11 | 2 |
| 6" | 2" | 1200 | Delrin | 5.00006.931.3 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 52001.86 | 2 ² / ₃ |
| | | | Roller | 5.00006.939.3 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 52001.86 | 2 ² / ₃ |
| 8" | 2" | 1500 | Delrin | 5.00008.931.3 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57852.04 | 3 ² / ₃ |
| | | | Roller | 5.00008.939.3 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57852.04 | 3 ² / ₃ |

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Metal cage roller bearing: Specify **"WB29"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Pedestal Precision Ball Bearing (PPBB): To order change ninth digit in model number to **"5"** (Example: 5.00006.935.3). Also available in stainless steel, consult factory.

Wheel Selection



Maxim® Wheels

Capacity up to 1400 lbs each



Colson Maxim Wheels feature an exclusive, ultra-tough thermoplastic compound that resists hard impacts and drop-shocks. The wheel is impervious to most chemicals, solvents, salts, gases, alkalines and steam cleaning and does not absorb water. When compared to other hard tread wheels, Maxim wheels require less force to roll and swivel. It is ideal for many industrial and institutional applications and is NSF listed for the food service industry. The wheel is non-marking.

Temperature range: -45°F to +180°F (normal). To +350°F if you specify a bronze or roller bearing with mid-temp grease.

Hardness: 85(±5) Durometer Shore D scale.

Colson Maxim Wheels • Capacity up to 1400 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearings | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) | |
|------------|-------------|------------------------|----------|--------------------|--------------|-------------------|------------|-----------------|---------|-------------------------|-----------------|---|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | | |
| 3 1/4" | 2" | 700 | Delrin | 5.00003.531 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 5/8 | |
| | | | Roller | 5.00003.539 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 5/8 | |
| 4" | 1 1/2" | 600 | Delrin | 3.00004.501 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | – | 7/8 | |
| | | | Roller | 3.00004.509 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | – | 7/8 | |
| | 1 1/2" | 600 | Delrin | 4.00004.511 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | – | 7/8 | |
| | | | Roller | 4.00004.519 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | – | 7/8 | |
| | | 2" | 800 | Delrin | 5.00004.531 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 1 |
| | | | | Roller | 5.00004.539 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 1 |
| 5" | 2" | 1000 | Delrin | 5.00005.531 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.45 | 1 1/4 | |
| | | | Roller | 5.00005.539 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.45 | 1 1/4 | |
| 6" | 2" | 1200 | Delrin | 5.00006.531 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.46 | 1 1/2 | |
| | | | Roller | 5.00006.539 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.46 | 1 1/2 | |
| 8" | 2" | 1400 | Delrin | 5.00008.531 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 2 | |
| | | | Roller | 5.00008.539 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 2 | |

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Bronze Bearing: To order, change 9th digit in model number to **"4"** (Example: 5.00006.534).
- Pedestal Precision Ball Bearing (PPBB): To order change 9th digit in model number to **"5"** (Example: 5.00006.535). Also available in stainless steel, consult factory.

Capacity up to 1100 lbs each



Thermo wheels feature a standard operating temperature range from -70°F (continuous service) to +525°F (intermittent service, +480°F continuous service). These wheels are molded from an exclusive engineered resin compound that offers non-marking floor protection, near zero water absorption, high load capacities and long service life. A special manufacturing process enables the wheels to retain a consistent bearing bore even when exposed to elevated temperatures. Furthermore, Thermo wheels are 100% recyclable, and they are highly resistant to animal fats, vegetable oils and salt solutions. The life expectancy of Thermo wheels is three times longer than high-temp phenolic wheels, and they offer an equal load capacity. Unlike high-temp phenolic wheels, Colson Thermo wheels have no outer skin that can break and absorb water or other fluids.

Temperature range: -70°F to +525°F intermittent service (+480°F continuous service).

Hardness: 85(±5) Durometer Shore D scale.

Colson Thermo Wheels • Capacity up to 1100 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Weight (Pounds) |
|------------|----------------|------------------------|--------------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | |
| 3" | 1 1/2" | 600 | Plain | 4.00003.812 HT | — | 3/4" | 1 3/4" | 1/2" | 27/16" | 1/2 |
| | | | Less Bearing | 4.00003.816 HT | — | 1 3/16" | 1 5/8" | — | — | 1/2 |
| | | | Roller | 4.00003.819 HT | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 27/16" | 1/2 |
| 3 1/2" | 1 1/4" | 300 | Plain | 2.00003.52 HT | — | 1/2" | 17/16" | 3/8" | 1 1/2" | 3/8 |
| 4" | 1 1/4" | 300 | Plain | 2.00004.52 HT | — | 1/2" | 17/16" | 3/8" | 1 1/2" | 3/4 |
| | | | Plain | 4.00004.812 HT | — | 3/4" | 1 3/4" | 1/2" | 27/16" | 3/4 |
| | 1 1/2" | 700 | Less Bearing | 4.00004.816 HT | — | 1 3/16" | 1 5/8" | — | — | 3/4 |
| | | | Roller | 4.00004.819 HT | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 27/16" | 3/4 |
| | 2" | 800 | Plain | 5.00004.832 HT | — | 3/4" | 2 3/8" | 1/2" | 27/16" | 3/4 |
| | | | Less Bearing | 5.00004.836 HT | — | 1 3/16" | 2 3/16" | — | — | 3/4 |
| Roller | 5.00004.839 HT | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 3/4 | | | |
| 5" | 1 1/4" | 325 | Plain | 2.00005.52 HT | — | 1/2" | 17/16" | 3/8" | 1 1/2" | 1 |
| | | | Plain | 4.00005.812 HT | — | 3/4" | 1 3/4" | 1/2" | 27/16" | 3/4 |
| | 1 1/2" | 800 | Less Bearing | 4.00005.816 HT | — | 1 3/16" | 1 5/8" | — | — | 3/4 |
| | | | Roller | 4.00005.819 HT | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 27/16" | 3/4 |
| | 2" | 1000 | Plain | 5.00005.832 HT | — | 3/4" | 2 3/8" | 1/2" | 27/16" | 1 |
| | | | Less Bearing | 5.00005.836 HT | — | 1 3/16" | 2 3/16" | — | — | 1 |
| Roller | 5.00005.839 HT | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 1 | | | |
| 6" | 2" | 1100 | Plain | 5.00006.832 HT | — | 3/4" | 2 3/8" | 1/2" | 27/16" | 12/3 |
| | | | Less Bearing | 5.00006.836 HT | — | 1 3/16" | 2 3/16" | — | — | 12/3 |
| | | | Roller | 5.00006.839 HT | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 27/16" | 12/3 |

Wheel Options

- Bronze bearing: To order, change 9th digit in model number to "4" (Example: 5.00005.834 HT).



Polyolefin Wheels



Capacity up to 300 lbs each



This hard tread polyolefin wheel is light weight, offers non-marking floor protection, and resists hard impacts. Very light in weight, yet the impact strength for this wheel is far superior to hard rubber wheels. It offers superior resistance to most oils, chemicals, grease, solvents and acids. Fit for light and medium duty applications. The standard color is black.

Temperature range: -45°F to +180°F.

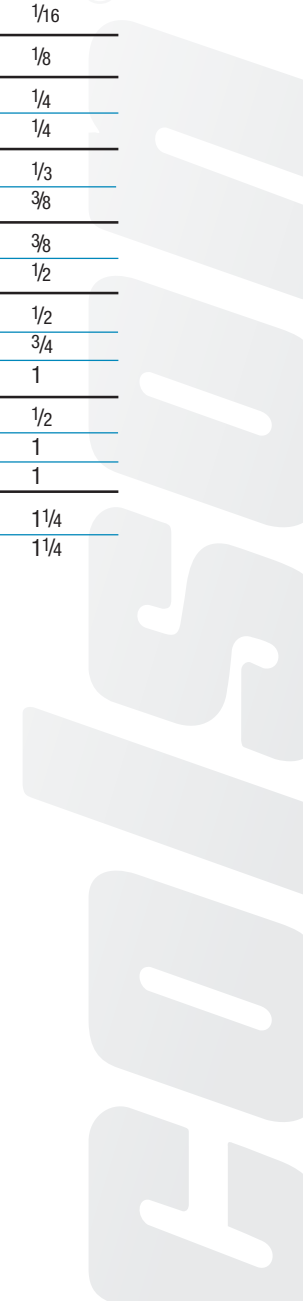
Hardness: 70(±5) Durometer Shore D scale.

Colson Polyolefin Wheels • Capacity up to 350 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 1 5/8" | 7/8" | 75 | Delrin | 1.00001.52 | 5/16" | 1/2" | 1 1/32" | – | – | – | 1/16 |
| 2" | 7/8" | 100 | Delrin | 1.00002.52 | 5/16" | 1/2" | 1 1/32" | – | – | – | 1/8 |
| 2 1/2" | 1 1/4" | 200 | Delrin | 2.00002.53 | 1/2" | 29/32" | 1 7/16" | 3/8" | 1 1/2" | TG1: 57852 | 1/4 |
| | | | Ball | 2.00002.55 | 3/8" | 29/32" | 1 1/2" | – | – | | 1/4 |
| 3" | 7/8" | 125 | Delrin | 1.00003.53 | 7/16" | 5/8" | 1 1/32" | 5/16" | 1 7/64" | TG1: 57852.03 | 1/3 |
| | 1 1/4" | 200 | Delrin | 2.00003.52 | 1/2" | 29/32" | 1 7/16" | 3/8" | 1 1/2" | – | 3/8 |
| 3 1/2" | 1 1/4" | 280 | Delrin | 2.00003.53 | 1/2" | 29/32" | 1 7/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 3/8 |
| | | | Ball | 2.00003.55 | 3/8" | 29/32" | 1 1/2" | – | – | | 1/2 |
| 4" | 7/8" | 135 | Delrin | 1.00004.53 | 7/16" | 5/8" | 1 1/32" | 5/16" | 1 7/64" | – | 1/2 |
| | 1 1/4" | 350 | Delrin | 2.00004.53 | 1/2" | 29/32" | 1 7/16" | 3/8" | 1 1/2" | TG1: 57854.01 | 3/4 |
| | | | Ball | 2.00004.55 | 3/8" | 29/32" | 1 1/2" | – | – | | 1 |
| 5" | 7/8" | 145 | Delrin | 1.00005.53 | 7/16" | 5/8" | 1 1/32" | 5/16" | 1 7/64" | – | 1/2 |
| | 1 1/4" | 350 | Delrin | 2.00005.53 | 1/2" | 29/32" | 1 7/16" | 3/8" | 1 1/2" | TG1: 57866.03 | 1 |
| | | | Ball | 2.00005.55 | 3/8" | 29/32" | 1 1/2" | – | – | TG2: 57852.43 | 1 |
| 6" | 1 1/4" | 350 | Delrin | 2.00006.52 | 1/2" | 29/32" | 1 7/16" | 3/8" | 1 1/2" | – | 1 1/4 |
| | | | Ball | 2.00006.55 | 3/8" | 29/32" | 1 1/2" | – | – | – | 1 1/4 |

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic).





Capacity up to 900 lbs each



Designed for hard impacts and heavy loads, this wheel is injection molded from an exclusive Colson polyolefin compound. The unique ribbed design adds strength. Very light in weight, yet the impact strength of this wheel is far superior to hard rubber wheels. It offers superior resistance to most oils, chemicals, grease, gasoline, cooking fats and acids. In addition, the wheel is stain resistant, non-marking and provides zero water absorption.

Temperature range: -45°F to +180°F.

Hardness: 70(±5) Durometer Shore D scale.

Colson Polyolefin Wheels • Capacity up to 900 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 3" | 1 1/2" | 300 | Delrin | 3.00003.801 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | TG1: 52250.62 | 1/2 |
| | | | Plain | 3.00003.802 | — | 3/4" | 15/8" | 3/8" | 17/8" | | 1/2 |
| | | | Roller | 3.00003.809 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | | 1/2 |
| | | | Delrin | 4.00003.811 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 57852.12 | 1/2 |
| | | | Plain | 4.00003.812 | — | 3/4" | 15/8" | 1/2" | 27/16" | | 1/2 |
| | | | Roller | 4.00003.819 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 1/2 |
| 4" | 1 1/2" | 375 | Delrin | 3.00004.801 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | TG1: 57852.06 | 3/4 |
| | | | Plain | 3.00004.802 | — | 3/4" | 15/8" | 3/8" | 17/8" | | 3/4 |
| | | | Roller | 3.00004.809 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | | 3/4 |
| | | | Delrin | 4.00004.811 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 57852.07 | 3/4 |
| | | | Plain | 4.00004.812 | — | 3/4" | 15/8" | 1/2" | 27/16" | | 3/4 |
| | | | Roller | 4.00004.819 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 3/4 |
| | 2" | 500 | Delrin | 5.00004.831 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57852.07 | 3/4 |
| | | | Plain | 5.00004.832 | — | 3/4" | 23/16" | 1/2" | 27/16" | | 3/4 |
| | | | Roller | 5.00004.839 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 3/4 |
| 5" | 1 1/2" | 450 | Delrin | 3.00005.801 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | TG1: 57866 | 3/4 |
| | | | Plain | 3.00005.802 | — | 3/4" | 15/8" | 3/8" | 17/8" | | 3/4 |
| | | | Roller | 3.00005.809 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | | 3/4 |
| | | | Delrin | 4.00005.811 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 57866.01 | 3/4 |
| | | | Plain | 4.00005.812 | — | 3/4" | 15/8" | 1/2" | 27/16" | | 3/4 |
| | | | Roller | 4.00005.819 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 3/4 |
| | 2" | 650 | Delrin | 5.00005.831 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57866.01 | 1 |
| | | | Plain | 5.00005.832 | — | 3/4" | 23/16" | 1/2" | 27/16" | | 1 |
| | | | Roller | 5.00005.839 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 |
| 6" | 1 1/2" | 500 | Delrin | 3.00006.801 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | TG1: 52250.56 | 1 |
| | | | Plain | 3.00006.802 | — | 3/4" | 15/8" | 3/8" | 17/8" | | 1 |
| | | | Roller | 3.00006.809 | 3/4" | 13/16" | 15/8" | 3/8" | 17/8" | | 1 |
| | | | Delrin | 4.00006.811 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | TG1: 57551.05 | 1 |
| | | | Plain | 4.00006.812 | — | 3/4" | 15/8" | 1/2" | 27/16" | | 1 |
| | | | Roller | 4.00006.819 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 1 |
| | 2" | 700 | Delrin | 5.00006.831 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57551.05 | 1 1/4 |
| | | | Plain | 5.00006.832 | — | 3/4" | 23/16" | 1/2" | 27/16" | | 1 1/4 |
| | | | Roller | 5.00006.839 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 1/4 |
| 8" | 1 1/2" | 600 | Delrin | 4.00008.811 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | — | 1 |
| | | | Roller | 4.00008.819 | 3/4" | 13/16" | 15/8" | 1/2" | 27/16" | | 1 |
| | 2" | 900 | Delrin | 5.00008.831 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57852.20 | 1 1/2 |
| | | | Plain | 5.00008.832 | — | 3/4" | 23/16" | 1/2" | 27/16" | | 1 1/2 |
| | | | Roller | 5.00008.839 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 1/2 |
| | | | Roller | 5.00008.839 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 1 1/2 |

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Metal cage roller bearing: Specify "WB29".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sintered iron step washers: Specify "WSR2".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): To order change 9th digit in model number to "5" (Example: 5.00006.835). Also available in stainless steel, consult factory.

Wheel Selection



Phenolic Wheels



Capacity up to 800 lbs each



This phenolic resin wheel is filled with macerated fabric and is quieter than steel or aluminum, while providing superior floor protection. It is resistant to hard impacts, most chemicals and steam. The standard color is black.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to +250°F (Roller and Ball bearings only).

Hardness: 90 (±5) Shore D scale.

Colson Phenolic Wheels • Capacity up to 800 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|-------------|--------------------|--------------|-------------------|------------|-----------------|----------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 2 1/2" | 1 7/16" | 300 | Roller | 2.00002.319 | 5/8" | 1 1/16" | 1 1/2" | 3/8" | 1 17/32" | — | 5/8 |
| 3" | 1 15/32" | 300 | Roller | 2.00003.309 | 5/8" | 1 1/16" | 1 1/2" | 3/8" | 1 17/32" | — | 3/4 |
| | 1 1/2" | 500 | Delrin | 3.00003.301 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | — | 1 |
| | | | PPBB | 3.00003.305 | 3/8" | 1 3/16" | 1 7/8" | — | — | — | 1 |
| | | | Roller | 3.00003.309 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | — | 1 |
| | | | Delrin | 4.00003.311 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | — | 7/8 |
| | | | PPBB | 4.00003.315 | 1/2" | 1 3/16" | 1 7/8" | — | — | — | 7/8 |
| | Roller | 4.00003.319 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | — | 7/8 | | |
| 1 1/4" | 350 | Roller | 2.00033.319 | 1/2" | 1 1/16" | 1 1/2" | 3/8" | 1 17/32" | — | 3/4 | |
| 3 1/2" | 1 1/4" | 350 | Roller | 2.00003.319 | 1/2" | 1 1/16" | 1 1/2" | 3/8" | 1 17/32" | — | 3/4 |
| 4" | 1 1/4" | 350 | Roller | 2.00004.319 | 1/2" | 1 1/16" | 1 1/2" | 3/8" | 1 17/32" | — | 3/4 |
| | 1 1/2" | 600 | Delrin | 3.00004.301 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | TG1: 57852.10 | 1 |
| | | | PPBB | 3.00004.305 | 3/8" | 1 3/16" | 1 7/8" | — | — | | 1 |
| | | | Roller | 3.00004.309 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | | 1 |
| | | | Delrin | 4.00004.311 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 1 1/8 | |
| | | | PPBB | 4.00004.315 | 1/2" | 1 3/16" | 1 7/8" | — | — | TG1: 57852.11 | 1 1/8 |
| | Roller | 4.00004.319 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 1 1/8 | | | |
| 5" | 1 1/4" | 350 | Roller | 2.00005.319 | 1/2" | 1 1/16" | 1 1/2" | 3/8" | 1 17/32" | — | 1 1/4 |
| | 1 1/2" | 600 | Delrin | 3.00005.301 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | TG1: 57852.08 | 1 |
| | | | PPBB | 3.00005.305 | 3/8" | 1 3/16" | 1 7/8" | — | — | | 1 |
| | | | Roller | 3.00005.309 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | | 1 |
| | | | Delrin | 4.00005.311 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 1 1/2 | |
| | | | PPBB | 4.00005.315 | 1/2" | 1 3/16" | 1 7/8" | — | — | TG1: 52001.86 | 1 1/2 |
| | Roller | 4.00005.319 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 1 1/2 | | | |
| 6" | 1 1/2" | 800 | Delrin | 3.00006.301 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | TG1: 52250.56 | 1 3/4 |
| | | | PPBB | 3.00006.305 | 3/8" | 1 3/16" | 1 7/8" | — | — | | 1 3/4 |
| | | | Roller | 3.00006.309 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | | 1 3/4 |
| | | | Delrin | 4.00006.311 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 2 | |
| | | | PPBB | 4.00006.315 | 1/2" | 1 3/16" | 1 7/8" | — | — | TG1: 57551.05 | 2 |
| | | | Roller | 4.00006.319 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | | 2 |

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- Metal cage roller bearing: Specify **"WB29"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WB21"**.
- Roller bearing sintered iron step washers: Specify **"WSR2"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Pedestal Precision Ball Bearing (PPBB) also available in stainless steel, consult factory.



Capacity up to 1400 lbs each



Phenolic resin wheels are filled with macerated fabric. This wheel provides quieter operation than steel or aluminum, provides superior floor protection, and resists hard impacts, most chemicals and steam. The standard color is black.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to +250°F (Roller and Ball bearings only).

Hardness: 90 (±5) Shore D scale.

Colson Phenolic Wheels • Capacity up to 1400 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 3 1/4" | 2" | 700 | Delrin | 5.00003.331 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 1 1/8 |
| | | | Roller | 5.00003.339 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | – | 1 1/8 |
| 4" | 2" | 800 | Delrin | 5.00004.331 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 59042.06 | 1 1/2 |
| | | | Roller | 5.00004.339 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 1 1/2 |
| 5" | 2" | 1000 | Delrin | 5.00005.331 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 52007.94 | 2 1/8 |
| | | | Roller | 5.00005.339 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 2 1/8 |
| 6" | 2" | 1200 | Delrin | 5.00006.331 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 52001.86 | 3 |
| | | | Roller | 5.00006.339 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 3 |
| 8" | 2" | 1400 | Delrin | 5.00008.331 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | TG1: 57852.05 | 4 3/4 |
| | | | Roller | 5.00008.339 | 3/4" | 1 3/16" | 2 3/16" | 1/2" | 2 7/16" | | 4 3/4 |

Wheel Options

- Delrin Bearing Less Bushing: Specify **"WB01B"**.
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**.
- 1-Piece Delrin Bearing less Bushing: Specify **"WB09B"**.
- Roller Bearing less Bushing: Specify **"WB09B"**.
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**.
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**.
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change 9th digit in model number to **"5"** (Example: 5.00008.335). Also available in stainless steel, consult factory.
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**.
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**.



Cast Iron Wheels

Capacity up to 600 lbs each



This wheel should be specified when excessive load weights are involved and floor protection is not a factor. Its high strength withstands sharp impacts. Cast Iron wheels should not be used if noise is of major concern or if loads are fragile.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller, Ball and Sleeve bearings only).

Finish: Green alkyd enamel.

Colson Cast Iron Wheels • Capacity up to 600 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 2 1/2" | 1 1/4" | 300 | Sleeve | 2.00002.12 | 5/8" | — | 1 15/32" | 3/8" | 1 1/2" | TG1: 57854.01 | 3/4 |
| 3" | 1 1/4" | 300 | Sleeve | 2.00003.14 | 5/8" | — | 1 15/32" | 3/8" | 1 1/2" | — | 1 1/4 |
| | | | Delrin | 3.00003.101 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | TG1: 52250.62 | 2 3/8 |
| | 1 1/2" | 425 | Roller | 3.00003.109 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | | TG1: 57852.12 |
| | | | Delrin | 4.00003.111 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 2 3/8 | |
| | | | Roller | 4.00003.119 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 2 3/8 | |
| 3 1/2" | 1 1/4" | 300 | Sleeve | 2.00003.12 | 5/8" | — | 1 15/32" | 3/8" | 1 1/2" | — | 1 1/2 |
| 4" | 1 1/4" | 300 | Sleeve | 2.00004.12 | 5/8" | — | 1 15/32" | 3/8" | 1 1/2" | — | 2 |
| | | | Delrin | 3.00004.101 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | — | 2 1/2 |
| | 1 1/2" | 500 | Roller | 3.00004.109 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | — | 2 1/2 |
| | | | Delrin | 4.00004.111 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | TG1: 52007.94 | 2 3/8 |
| | | | Roller | 4.00004.119 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | | 2 3/8 |
| 5" | 1 1/4" | 300 | Sleeve | 2.00005.12 | 5/8" | — | 1 15/32" | 3/8" | 1 1/2" | TG1: 57551.02 | 2 1/4 |
| | | | Delrin | 3.00005.101 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | TG1: 52250.56 | 3 1/4 |
| | 1 1/2" | 600 | Roller | 3.00005.109 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | | TG1: 57551.05 |
| | | | Delrin | 4.00005.111 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 3 1/4 | |
| | | | Roller | 4.00005.119 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | 3 1/4 | |
| 6" | 1 1/2" | 600 | Delrin | 3.00006.101 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | — | 4 |
| | | | Roller | 3.00006.109 | 3/4" | 1 3/16" | 1 5/8" | 3/8" | 1 7/8" | — | 4 |
| | | | Delrin | 4.00006.111 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | TG1: 57852.04 | 4 |
| | | | Roller | 4.00006.119 | 3/4" | 1 3/16" | 1 5/8" | 1/2" | 2 7/16" | | 4 |

Note: Some cast iron models have solid cores depending on wheel diameter. Consult factory.

Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 1 1/2" tread width wheels. To order change 9th digit in model number to "5" (Example: 4.00004.115). Also available in stainless steel, consult factory.

Cast Iron Wheels

Capacity up to 1500 lbs each



This wheel should be specified when excessive load weights are involved and floor protection is not a factor. Its high strength withstands sharp impacts. They should not be used if noise is of major concern or if loads are fragile.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller, Ball & Sleeve bearings only).

Finish: Green alkyd enamel.

Zerk Fitting: Zerk grease fitting in hub is standard on wheel model numbers beginning with "7" and "8".

Colson Cast Iron Wheels • Capacity up to 1500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 1000 | Delrin | 5.00004.131 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 52007.94 | 35/8 |
| | | | Roller | 5.00004.139 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 35/8 |
| 5" | 2" | 1000 | Delrin | 5.00005.131 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57551.05 | 5 1/8 |
| | | | Roller | 5.00005.139 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 5 1/8 |
| 6" | 2" | 1500 | Delrin | 5.00006.131 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 5 3/4 |
| | | | Roller | 5.00006.139 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 5 3/4 |
| 8" | 2" | 1500 | Delrin | 5.00008.131 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 8 1/2 |
| | | | Roller | 5.00008.139 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | - | 8 1/2 |

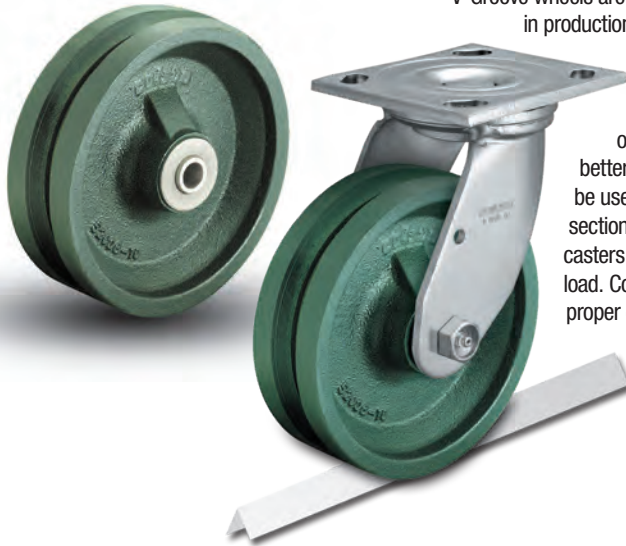
Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width models. To order change 9th digit to "5" (Example: 5.00006.135). Also available in stainless steel, consult factory.

V-Groove Wheels



Capacity up to 1200 lbs each



V-Groove wheels are for track or floor operation on inverted angle iron track in production lines. They are also used with hand or conveyor trucks.

V-Groove surface and face are machine finished. These wheels handle loads from 800 to 6,000 lbs. per wheel.

Designed for floor operation, or for track mounted flush or on top of floors, the wheel gives greater flexibility and better use of available floor space. Curves and switches may be used in track operation. Wheels are cast with reinforced section at maximum stress points. The type of track layout and casters are dependent upon floor conditions, area, distance and load. Consult your local Colson representative for advice on the proper caster for the most economic and efficient handling of your particular application.

Temperature range: -45°F to +180°F. If metal washers specified: -45°F to +500°F (Roller bearing only).

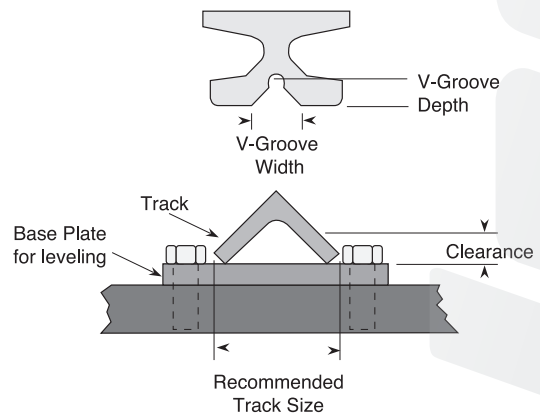
Finish: Green alkyd enamel.

Colson V-Groove Wheels • Capacity up to 1200 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | | Spanner Bushing | | Thread Guard TG1: Metal | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-------------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Hub Length | Bore | Length | | |
| 4" | 2" | 800 | Delrin | 5.00004.731 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | TG1: 57852.07 | 37/8 |
| | | | Roller | 5.00004.739 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | | 37/8 |
| 6" | 2" | 1200 | Delrin | 5.00006.731 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | — | 61/4 |
| | | | Roller | 5.00006.739 | 3/4" | 13/16" | 23/16" | 1/2" | 27/16" | — | 61/4 |

| Wheel Dia. | Tread Width | V-Groove Width | V-Groove Depth | Recommended Track Size | Clearance |
|------------|-------------|----------------|----------------|------------------------|-----------|
| 4" | 2" | 3/4" | 3/8" | 1 1/2" x 1 1/2" | 13/16" |
| 6" | 2" | 3/4" | 3/8" | 1 1/2" x 1 1/2" | 13/16" |

Recommended track size and clearance dimensions are in the chart above. The base plate may be mounted directly to floor or to a cement grouting for leveling track if necessary because of uneven floor conditions.



Wheel Options

- Delrin Bearing Less Bushing: Specify "WB01B".
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11".
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B".
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19".
- Roller Bearing less Bushing: Specify "WB09B".
- Roller bearing metal thrust & retainer washers: Specify "WSR1".
- Roller bearing sealed metal retainer washer: Specify "WSR3".
- Pedestal Precision Ball Bearing (PPBB): Available on 2" tread width wheels. To order change ninth digit in model number to "5" (Example: 5.00006.735). Also available in stainless steel, consult factory.

Wheel Selection

Encore Hand Truck Wheels



Featuring an off-set hub design, these light weight, high performance hand truck wheels roll longer, quieter and smoother without marking floors.

Temperature range: -45°F to +180°F intermittent service (120°F continuous service).

Hardness: 55(±5) Shore A Scale.



Encore Hand Truck Wheels • Round Black/Grey Tread • Capacity up to 600 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | Hub | | Weight (Pounds) |
|---------------------------------|-------------|------------------------|--------------------------|--------------------|--------------|-------------------|---------------------|---------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Length Less Bearing | Length With Bearing | |
| Round Black Tread Models | | | | | | | | | |
| 8" | 2" | 280 | None (1 3/4" Offset Hub) | E5.00008.586.2 | N/A | 1 3/8" | 1 3/4" | 2 1/4" | 2 1/4 |
| 8" | 2" | 280 | Ball (2" Offset Hub) | E5.00008.585.2 | 5/8" | 1 3/8" | 1 3/4" | 2 1/4" | 2 1/4 |
| 8" | 2" | 280 | None (2" Offset Hub) | E5.00008.596.2 | N/A | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| 8" | 2" | 280 | Ball (2 1/4" Offset Hub) | E5.00008.595.2 | 5/8" | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| 10" | 2" | 600 | None (2" Offset Hub) | E5.00010.596.2 | N/A | 1 3/8" | 2" | 2 1/4" | 2 7/10 |
| 10" | 2" | 600 | Ball (2 1/4" Offset Hub) | E5.00010.595.2 | 5/8" | 1 3/8" | 2" | 2 1/4" | 2 7/10 |
| Round Grey Tread Models | | | | | | | | | |
| 8" | 2" | 280 | None (1 3/4" Offset Hub) | E5.00008.586 | N/A | 1 3/8" | 1 3/4" | 2 1/4" | 2 1/4 |
| 8" | 2" | 280 | Ball (2" Offset Hub) | E5.00008.585 | 5/8" | 1 3/8" | 1 3/4" | 2 1/4" | 2 1/4 |
| 8" | 2" | 280 | None (2" Offset Hub) | E5.00008.596 | N/A | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| 8" | 2" | 280 | Ball (2 1/4" Offset Hub) | E5.00008.595 | 5/8" | 1 3/8" | 2" | 2 1/4" | 2 1/4 |
| 10" | 2" | 600 | None (2" Offset Hub) | E5.00010.596 | N/A | 1 3/8" | 2" | 2 1/4" | 2 7/10 |
| 10" | 2" | 600 | Ball (2 1/4" Offset Hub) | E5.00010.595 | 5/8" | 1 3/8" | 2" | 2 1/4" | 2 7/10 |



Encore Hand Truck Wheels • Flat Grey Tread • Capacity up to 500 lbs each

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel | | Hub | | Weight (Pounds) |
|------------|-------------|------------------------|-------------------|--------------------|--------------|-------------------|---------------------|---------------------|-----------------|
| | | | | | Bearing Bore | Bore Less Bearing | Length Less Bearing | Length With Bearing | |
| 10" | 1 1/2" | 500 | None (Center Hub) | E4.00010.446 | N/A | 1 3/8" | 2" | 2 1/4" | 2 7/10 |
| 10" | 1 1/2" | 500 | Ball (Center Hub) | E4.00010.445 | 5/8" | 1 3/8" | 2" | 2 1/4" | 2 7/10 |

Brakes



1 Series Side Lock Brake

Capacity up to 145 lbs each

The ends of the brake spring are crimped so they grab the wheel at four contact points, which provides extra holding power on a variety of wheel surfaces. This side locking brake is easily operated with foot action and

available on 3", 4", and 5" caster models. 1 Series brakes cannot be used with thread guards. To order this brake with a caster specify "BRK 3" (See pages 10-19). To field install this brake, see kit numbers.

| Wheel Dia. | Kit Number | Swivel Radius |
|----------------------------------|------------|---------------|
| (75 lbs Capacity Models) | | |
| 3" | 11.3000 | 2 11/16" |
| (145 lbs Capacity Models) | | |
| 3" | 11.3200 | 3" |
| 4" | 11.4200 | 3 9/16" |
| 5" | 11.5200 | 4 1/16" |



2 Series Total Lock® Brake

Capacity up to 350 lbs each

Colson's Total Lock brake locks the wheel and swivel simultaneously. The brake design features durable metal construction with a thermoplastic pedal and provides virtually maintenance free operation. The brake is easily

operated with foot action. It works on 3 1/2", 4" and 5" 2 Series zinc plated caster models. To order this brake with a caster, specify "BRK5" (see pages 20-33). To field install the brake, see kit numbers.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 3" | 52023.09 | 4 9/16" |
| 3 1/2" | 52023.03 | 4 9/16" |
| 4" | 52023.04 | 4 5/8" |
| 5" | 52023.05 | 4 11/16" |
| 6" | 52023.06 | 4 11/16" |



2 Series Top Lock Brake

Capacity up to 350 lbs each

Colson Top Lock brakes provide positive braking action on all types of wheels. A special cam activated brake mechanism locks firmly and is easy to engage and disengage.

To order the brake with a caster, specify "BRK1" (see pages 20-33). To field install the brake, see kit numbers.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 2 1/2" | 52023.62 | 3 13/16" |
| 3" | 52020.96 | 3 5/8" |
| 3 1/2" | 52020.93 | 3 5/8" |
| 4" | 52020.94 | 3 11/16" |
| 5" | 52023.65 | 3 15/16" |
| 6" | 52023.83 | - |

Kit includes solid axle.



2 Series Top Lock Brake (Stainless Steel)

Capacity up to 350 lbs each

Constructed of polished stainless steel, Colson's 2 Series Stainless Steel Top Lock brake provides positive, reliable braking under a variety of harsh operating conditions. Compatible with 2 Series Stainless

Steel swivel kingpin forks only. To order with a caster, specify "BRK1" (see page 36). To field install the brake, see kit numbers. This brake is not recommended for high-temp applications.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 3" | 05214.87 | 3 3/4" |
| 3 1/2" | 05214.88 | 3 3/4" |
| 4" | 05214.89 | 3 13/16" |
| 5" | 05214.90 | 4" |



2 Series Total Lock® Brake (Stainless Steel)

Capacity up to 350 lbs each

This brake is constructed of durable stainless steel and ideally suited for wet or corrosive conditions. Heavy loads are held securely with the simple toe operation. The swivel radius of the caster is 5" including the brake.

Available on all 2 Series Stainless Steel swivel kingpin forks. **The brake's riveted design is not field installable.** To order it with a caster, specify "BRK4" (see page 36).

| Wheel Dia. | Swivel Radius |
|------------|---------------|
| 3" | 4 3/4" |
| 3 1/2" | 4 3/4" |
| 4" | 4 3/4" |
| 5" | 4 3/4" |

Brakes



2 Series Directional Lock

Capacity to 350 lbs each

Lock the swivel for straight tracking on all 2 Series zinc plated top plate swivel casters. The foot-activated directional lock engages simply and securely into lead or trailing position and is compatible with a full range of wheels.

The directional lock is not field installable. To order with caster, change the 4th digit of the caster model number to "1" (example: 2.05156.91). See pages 20-21.

| Wheel Dia. | Swivel Radius |
|------------|---------------|
| 2 1/2" | 4 3/16" |
| 3" | 4 3/16" |
| 3 1/2" | 4 3/16" |
| 4" | 4 15/16" |
| 5" | 4 15/16" |



2 Series Posi Lock Brake

Capacity to 350 lbs each

A simple, effective toe-activated wheel brake that provides excellent braking action on a variety of wheel types and tread surfaces. Brake locks wheel only. Thermoplastic black brake pedal offers

easy engagement and disengagement of brake. Stainless steel construction.

To order this brake with a caster, specify "BRK8" see pages 20-33).

| Wheel Dia. | Kit Number |
|------------|------------|
| 3" | 52025.13 |
| 3 1/2" | 52025.17 |
| 4" | 52025.14 |
| 5" | 52025.15 |
| 6" | 52025.16* |

*6" model under development. Estimated to be available August, 2024.



2 Series Tech Lock® Brake (Stainless Steel)

Capacity up to 350 lbs each

Constructed of durable, light-weight engineered thermoplastics, this brake is ideally suited for wet or corrosive conditions. The simple toe operation holds heavy loads securely. And, an advanced design brake pad holds a

variety of wheel types. With only two moving parts, the brake is virtually maintenance free. Temperature range: -30°F to +250°F. To order on a caster, specify "BRK2" (see page 36). To field install this brake, see kit numbers.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 4" | 05215.44 | 5 5/8" |
| 5" | 05215.45 | 6 1/8" |



2 Series LoPro Side Lock Brake

Capacity up to 210 lbs each

The LoPro brake design places a positive locking force against the wheel hub to hold loads securely. A large foot pedal makes the brake easy to operate and provides easy foot placement.

This brake is not field installable and

is only available on the 3" model. To order this brake with a caster, specify "BRK3." See page 34.

| Wheel Dia. | Swivel Radius |
|------------|---------------|
| 3" | 3 3/8" |



3 Series Top Lock Brake

Capacity up to 800 lbs each

Available with all swivel casters in the 3 Series line. Colson's Top Lock brake gives positive braking action on all types of wheels by engaging a rubber brake shoe directly against the tread surface of the wheel. A self-compensating spring maintains the effectiveness of the brake

throughout the life of the wheel. Thread guards can also be used with this brake. The brake pedals are rugged .090 steel & zinc plated. To order on a caster, specify "BRK1". See pages 38-41.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 3" | 05210.14 | 3 11/16" |
| 4" | 05210.05 | 3 13/16" |
| 5" | 05225.61 | 4 1/8" |
| 6" | 05225.62 | 4 5/8" |

Brakes



4 Series Side Lock Brake

Capacity up to 1400 lbs each

Colson's 4 Series Side Lock brake design places a positive locking force against the wheel hub to hold loads securely. The larger foot pedal makes the brake easier to operate, provides better foot placement, and can be actuated from either end of the pedal for greater convenience. This brake is

available on Colson 4 Series kingpin casters (2" tread width) equipped with roller bearings or one-piece Delrin bearing models only. To order the brake with a caster specify, "BRK3" (see pages 42-43). To field install the brake, see kit numbers. US. Patent 5,402,864.

| Wheel Dia. | Kit 1 | Kit 2* | Swivel Radius |
|------------|----------|----------|---------------|
| 4" | 05128.30 | 05128.32 | 4 15/16" |
| 5" | 05128.30 | 05128.32 | 5" |
| 6" | 05128.29 | 05128.31 | 6 1/8" |
| 8" | 05128.29 | 05128.31 | 6 9/16" |

Brakes Work On These Wheels

Kit 1: Nylon, Moldon Polyurethane, Moldon Rubber, Steel, Phenolic

Kit 2: Performa, Polyolefin, Polyurethane HI-Tech, Endura, Maxim, Thermo

*Includes Torrington-style roller bearing.



4 Series Top Lock Brake

Capacity up to 1250 lbs each

Colson 4 Series forks include a special notch for easy installation of Top Lock brakes. The brake is cost effective and provides reliable braking under a variety of operating conditions. Colson 4 Series Top Lock brakes are available

on 4 series casters except models with 3 1/4" or V-Groove wheels. To order it with a caster, specify "BRK7" (see pages 42-45). To field install the Top Lock brake, see kit numbers.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 4" | 05944.14 | 3 9/16" |
| 5" | 05944.15 | 4 1/4" |
| 6" | 05944.16 | 5" |
| 8" | 05944.18 | 6 1/2" |



4 Series Swivel Tech Lock® Brake

Capacity up to 1250 lbs each

Constructed of durable, light-weight engineered thermoplastics, this brake is ideally suited for wet or corrosive conditions. The simple toe operation holds heavy loads securely. With an advanced brake pad design, the brake is compatible with a variety of wheel types. The Tech Lock brake provides virtually maintenance free

operation with only two moving parts. Temperature range: -30°F to +250°F. To order the brake with a caster, specify "BRK2" (see pages 42-45). To field install the brake, see kit numbers. This brake is available on most 4 Series casters, except with a Swivel Lock or 4 Series Enforcer models. U.S. Patent 288285.

| Wheel Dia. | Kit Number Standard | Kit Number Stainless | Swivel Radius |
|------------|---------------------|----------------------|---------------|
| 4" | 05944.44 | 05944.94 | 6 9/32" |
| 5" | 05944.45 | 05944.95 | 6 5/8" |
| 6" | 05944.46 | 05944.96 | 7 3/8" |
| 8" | 05944.48 | 05944.98 | 8 7/16" |



4 Series Stainless Steel Defender Brakes

Capacity up to 1250 lbs each

See page 95.



Brakes



4 Series Rigid Tech Lock® Brake

Capacity up to 1250 lbs each

Specially engineered for rigid caster models only, the contemporary design features thermoplastic construction to resist rust and corrosion. A grip ridge for the mechanical

lock securely fastens the Tech Lock brake to the fork. To order this brake with a caster, specify "BRK2" (see pages 42-45).

| Wheel Dia. | Kit Number Standard | Kit Number Stainless | Swivel Radius |
|------------|---------------------|----------------------|---------------|
| 6" | 05944.86 | 05944.87 | 7 3/8" |



4 Series Total Lock® Brake

Capacity up to 1250 lbs each

With a press of the foot, lock both the wheel and swivel in any position. The low angle pedal design makes foot access easy for convenient operation, and the contemporary design features thermoplastic construction to resist rust and corrosion. This brake is not

available on 4 Series Enforcer models or with 3-1/4" diameter and V-Groove wheels. A grip ridge for the mechanical lock securely fastens the brake to the fork. To order with a caster, specify "BRK4" (see pages 42-45).

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 4" | 05906.12 | 6 5/8" |
| 5" | 05906.11 | 7 1/16" |
| 6" | 05906.09 | 7 3/8" |
| 8" | 05906.13 | 8 1/2" |



4 & 6 Series Tread Lock Brake

Capacity up to 1500 lbs each

Available on 4 and 6 Series casters, this adjustable brake can be installed in the field or ordered assembled onto the caster. The toe activated brake features positive engagement via rubber faced plate. This

brake is not available with V-groove wheel models or 2-1/2" tread width wheels. To order it with a caster specify, "BRK1" (see pages 42-45, 50-51). To field install the brake, see kit numbers.

| Wheel Dia. | Kit Number | Standard 4 Series Swivel Radius | Standard 6 Series Swivel Radius | 4 & 6 Series Enforcer Swivel Radius |
|------------|------------|---------------------------------|---------------------------------|-------------------------------------|
| 4" | 05944.24 | 5 5/16" | 5 3/8" | 5 3/16" |
| 5" | 05944.25 | 6 5/8" | 6 9/16" | 6 1/2" |
| 6" | 05944.26 | 7 5/16" | 7 1/8" | 6 7/8" |
| 8" | 05944.28 | 8 1/2" | 8 9/16" | 8 3/8" |

Replacement Brake Pad Model Number: 59044.45



Swivel Locks



Parts & Accessories

4-6 Series Swivel Locks

Capacity up to 6000 lbs each

Swivel locks quickly convert swivel casters to rigid casters for straight-line tracking. A spring-loaded, hand operated plunger is engaged to fit into slots on the swivel raceway. To engage the lock, simply pull out plunger and turn until spring action inserts plunger in notches on raceway. To disengage the

lock, simply pull out the plunger and turn so plunger is not inserted in notches on raceway. **Colson offers 3 types of hand operated swivel locks: Welded, Bolt-On and Kingpinless.**



Welded Models

| Series | Mounting Code |
|------------------------------|---------------|
| 4 Series (Standard) | MTG51 |
| 4 Series (w/ MTG2 Top Plate) | MTG52 |
| 4 Series (w/ MTG4 Top Plate) | MTG54 |
| 6 Series (Standard) | MTG52 |

Welded Swivel Locks: Colson's welded swivel locks are factory installed only. They lock in 90° intervals on 4 and 6 Series casters. To order the lock, see the "Welded Models" chart.



Bolt-On Models

| Series | Mounting Code | Field Install Model No. |
|------------------------------|---------------|-------------------------|
| 4 Series (Standard) | MTG61 | 05213.61 |
| 4 Series (w/ MTG2 Top Plate) | MTG62 | 05213.62 |
| 4 Series (w/ MTG4 Top Plate) | MTG64 | 05213.64 |
| 6 Series (Standard) | MTG62 | 05256.62 |

Bolt-On Swivel Locks: The bolt-on swivel locks are field installable only but require that the fork yoke base have notches at 90° intervals. They are available on 4-6 Series casters. To order the lock, see the "Bolt-On Models" chart.



Foot Activated Swivel Locks

Capacity to 1500 lbs each

No more back strain from bending down to activate a swivel lock. When the foot pedal is in the "up" position, a stainless steel spring forces a pin into one of the four slots on the swivel fork. This effectively locks the swivel in one of four positions at 90° intervals. To disengage the lock, simply press down on the foot pedal for free swiveling action. It's that easy! With this innovative product, you can quickly and easily convert swivel casters to rigid casters for straight-line tracking. When you need greater maneuverability, you can quickly convert from the rigid position back to full swivel. Quick. Easy. Less stress and strain. The Colson Ergonomic Advantage™.

NOTE: Foot Activated Swivel Lock is field installable but requires notches in caster fork yoke base at 90° intervals.

| Series | Mounting Code | Field Install Model No. |
|---|---------------|-------------------------|
| 4 Series Swivel Top Plate (1 1/2" tread width)* | MTG81 | 05213.66 |
| 4 Series Swivel Top Plate (2" tread width)* | MTG81 | 05213.66 |
| 4 Series Stainless Steel Swivel Top Plate* | MTG81 | 05213.67 |

*4" x 4 1/2" Standard top plate only.

Fork Options

DirtBan Swivel Seals

Keep dirt out and lube in for longer caster life.

Seals are recommended for applications where casters and equipment are exposed to regular washings such as hospitals, food processing plants, restaurants, meat packaging plants, laundries, bakeries and more. The seals keep dirt out of the swivel raceway and lubricant in. Colson polyurethane DirtBan seals help casters run smoother and last longer with very little drag on

the swivel action. They offer a high resistance to grease, oils, chemicals, detergents and water. To order on a caster, specify "SEAL". To field install the seals, simply remove the caster wheel and place seals in the upper and lower raceway. No special tools are needed. The DirtBan swivel seals are available on 2 and 4 Series casters. To field install the seals, see chart.

| Series | Kit Number |
|-------------------------------|------------|
| 2 Series Swivel | 52020.90 |
| 4 Series Swivel Upper Raceway | 51000.77 |
| 4 Series Swivel Lower Raceway | 51001.76 |



2 & 3 Series Dust Caps

Protects swivel raceway from harmful debris.

Keep dust and debris out of the raceway for smoother operation and longer service life. Dust caps are

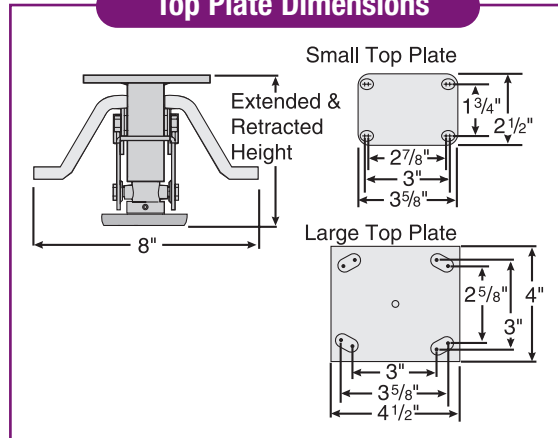
available on 2 and 3 Series models only. To order the dust caps with a caster, specify "DC1" standard;

"DC2" Dust Cap w/grease seal and zerk. **Dust caps are not field installable.**





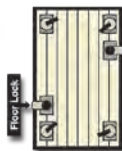
Top Plate Dimensions



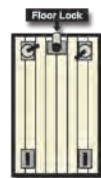
Features

- Heavy duty industrial strength construction
- Durable, high-compression spring for heavy loads
- Foot pedal easily activates lock with foot pressure
- Conveniently located release bar retracts brake instantly with slight toe pressure to either side of the bar
- Non-slip, non-skid rubber brake pad holds securely on smooth or irregular floor. Designed for use on level surfaces.
- Attractive zinc plated finish

Floor Lock Brake Installation



Recommended Floor Lock mounting position using four swivel casters.



Recommended Floor Lock mounting position using two swivel and two rigid casters.

Colson Floor Lock Brakes are designed for use on level surfaces and are not recommended for use on inclined surfaces. It is important to select a floor lock model that clears the floor when retracted. To adapt a floor lock brake to your present equipment, select a model with an extended height 1/16" to 1/4" greater than the overall height of the caster.

Floor Lock Specifications

2 1/2" x 3 5/8" TOP PLATE MODELS (2 & 3 Series Casters)

| MODEL NO. | 9.06002.03 | 9.06253.04 | 9.06002.05 |
|-------------------------------------|--|--|-----------------------------------|
| Extended Height A | 4 ¹⁵ / ₁₆ " | 5 ¹⁷ / ₃₂ " | 6 ⁷ / ₃₂ " |
| Retracted Height B | 3 ⁷ / ₈ " | 4 ¹ / ₂ " | 5 ¹¹ / ₆₄ " |
| Top Plate Size | 2 1/2" x 3 5/8" | | |
| Bolt Hole Spacing | 1 3/4" x 2 7/8" to 3" | | |
| Bolt Hole Size | 5/16" Slotted | | |
| Weight | 2 3/4 lbs. | 2 3/4 lbs. | 2 3/4 lbs. |
| Used with Caster Fork Model Numbers | 2.03208 2.03256 3.00308 3.00317 | 2.04208 2.04256 3.00408 3.00417 | 2.05008 2.05256 |

4" x 4 1/2" TOP PLATE MODELS (3, 4 & 6 Series Casters)

| 9.06045.04 | 9.06253.05 | 9.06045.06 | 9.06025.08 |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 5 ⁷ / ₈ " | 6 ⁴³ / ₆₄ " | 7 ¹ / ₄ " | 9 ²³ / ₃₂ " |
| 4 ¹⁵ / ₁₆ " | 5 ³⁵ / ₆₄ " | 6 ²¹ / ₃₂ " | 8 ⁵ / ₈ " |
| 4" x 4 1/2" | | | |
| 3" x 3" to 2 5/8" x 3 5/8" | | | |
| 3/8" Slotted | | | |
| 3 1/2 lbs. | 4 1/2 lbs. | 4 1/2 lbs. | 4 3/4 lbs. |
| 4.04108 | 3.00508 | 3.00608 | 4.08198 |
| 4.04109 | 3.00517 | 3.00617 | 4.08199 |
| 4.04408 | 4.05108 | 4.06108 | 4.08499 |
| 4.04409 | 4.05109 | 4.06109 | 4.08299 |
| 4.04189 | 4.05408 | 4.06408 | 4.08189 |
| 6.04208 | 4.05409 | 4.06409 | 6.08258 |
| 6.04209 | 4.05189 | 4.06189 | 6.08259 |
| 6.04279 | 6.05208 | 6.06208 | 6.08298 |
| | 6.05209 | 6.06209 | 6.08299 |
| | 6.05279 | 6.06258 | |
| | | 6.06259 | |
| | | 6.06299 | |



Easy to engage.



Easy to disengage.

Floor Lock Replacement Pad
34013.26

Bumpers

Corner / Continuous Bumpers

Grey corner bumpers with matching strip bumpers provide 100% protection to the full perimeter of equipment. Strip bumpers are made with flat steel inserts for permanent attachment. Inserts in strip bumpers are not predrilled. They can be easily cut to size with a hacksaw and drilled as needed.

Temperature Range: -45°F to 180°F.



| Model Number | Steel Inserts | Length | | Width | Thickness | Mounting Holes |
|--------------|-----------------------|---|----------------------------------|---------------------------------|---|--|
| | | Long Side | Short Side | | | |
| 06926 | Insert Pre-drilled | 6 ³ / ₁₆ " | 3 ¹ / ₁₆ " | 1 ¹ / ₂ " | 1 ¹ / ₈ "-1 ³ / ₄ " | 2(¹⁷ / ₆₄ " in 6" side 1(¹⁷ / ₆₄ " in 3" side |
| 9.6930* | Insert | Specify (16 ft. max., 1ft. inc.) | | 1 ¹ / ₂ " | 1" | — |
| 66930 | No Insert | Specify (50 ft inc.) | | 1 ¹ / ₂ " | 1" | — |
| 06906 | Insert | 2 ⁵ / ₈ " each side | | 1 ¹ / ₈ " | 1" | 2(¹³ / ₆₄ " each side |
| 9.6914* | Insert | Specify (16 ft. max. 1ft. inc.) | | 1 ¹ / ₈ " | 1" | — |
| 66914 | No Insert | Specify (50 ft inc.) | | 1 ¹ / ₈ " | 1" | — |
| 06905 | Insert Pre-drilled | 2 ¹ / ₂ " each side | | 3/4" | 3/4" | 2(1/8)" each side |
| 9.6913* | Insert | Specify (20 ft. max. 1ft. inc.) | | 3/4" | 5/8" | — |
| 66913 | No insert | Specify (50 ft inc.) | | 3/4" | 5/8" | — |

*Strip bumper with insert available in 10, 12, 16 and 20 ft. pre-cut lengths. Consult factory.

End Bumpers

Generally used on the ends of tubular handles. Available in 3¹/₄" and 1³/₄" diameters. Easily attached, they are soft enough to absorb noise and shock but hard enough to wear for years.

| Model Number | Dia. | Hole Dia. | Thickness |
|--------------|---------------------------------|----------------------------------|-----------|
| 06901 | 3 ¹ / ₄ " | 1 ¹ / ₃₂ " | 7/8" |
| 06901.01 | 1 ³ / ₄ " | 9/32" | 1/2" |



Corner Bumpers

A heavy duty bumper with an extra rounded build-up on the apex of the corner where shocks and wear are greatest. Ends are tapered and rounded. Each side is 3" long and 1¹/₈" wide at the base.

| Model Number | Thickness at Corner | Thickness at Ends | Mounting Holes |
|--------------|----------------------------------|-------------------|------------------------|
| 06927 | 1 ⁵ / ₁₆ " | 1" | 2 (3/16") on each side |



CC

ALSO

Replacement Parts



Roller Bearing

| Wheel Series | Part Number | Bearing I.D. X O.D. X Length (INCHES) |
|--|-------------|---------------------------------------|
| 2 SERIES 2.00002.319, 2.00003.309 | 52007.93 | 5/8 X 1 1/16 X 1 1/4 |
| 3 and 4 SERIES (1 1/2" Tread Width) 1 1/2" Tread Width Wheels With 1 5/8" Hub Length | 55000.05 | 3/4 X 1 3/16 X 1 7/16 |
| 4 and 5 SERIES Plastic Cage 2" Tread Width Wheels With 2 3/16" Hub Length | 55000.23 | 3/4 X 1 3/16 X 1 7/8 |
| 4 and 5 SERIES Metal Cage 2" Tread Width Wheels With 2 3/16" Hub Length | 32084.30 | 3/4 X 1 3/16 X 1 7/8 |
| 4 and 5 SERIES Stainless Steel Cage 2" Tread Width Wheels With 2 3/16" Hub Length | 32086.31 | 3/4 X 1 3/16 X 1 7/8 |
| 6 SERIES 2 1/2" Tread Width Wheels With 2 3/4" Hub Length | 55000.06 | 3/4 X 1 3/16 X 2 1/2 |



Delrin Bearing

| Wheel Series | Part Number |
|--|-----------------------------|
| 2 SERIES | 52008.48 (2 required) |
| 3, 4, 5 SERIES | 58037.15 (2 required)—White |
| 5 SERIES 2" Tread Width Wheels With 2 3/16" Hub Length | 58037.07 (1-piece) |



Pedestal Precision Ball Bearing

| Wheel Series | Part Number | Bearing I.D. X O.D. X Length (INCHES) |
|--|-------------|---------------------------------------|
| 3 Series 1 1/2" Tread Width Wheels with 1 5/8" Hub Length Less Bearing | 57703.13 | 3/8 X 1 3/16 X 1 5/16 |
| 4 Series 1 1/2" Tread Width Wheels with 1 5/8" Hub Length Less Bearing | 57703.12 | 1/2 X 1 3/16 X 1 5/16 |
| 5 Series 2" Tread Width Wheels with 2 3/16" Hub Length Less Bearing | 57703.11 | 1/2 X 1 3/16 X 1 1/4 |
| 5 Series Stainless Steel 2" Tread Width Wheels with 2 3/16" Hub Length Less Bearing | 57703.14 | 1/2 X 1 3/16 X 1 1/4 |



Precision Ball Bearing for Hand Truck

| Wheel Series | Part Number | Bearing I.D. X O.D. X Length (INCHES) |
|--|----------------------|--|
| 5 Series Hand Truck Wheels All 8" x 2" Wheels with 1 3/4" & 2" Hub Length Less Bearing | 57703.16 57703.15 | 3/4 X 1 3/8 X 7/16 5/8 X 1 3/8 X 7/16 |
| 4 Series Hand Truck Wheels All 8" x 1 1/2" Wheels with 1 1/2" & 1 5/8" Hub Length Less Bearing | 57703.16 57703.15 | 3/4 X 1 3/8 X 7/16 5/8 X 1 3/8 X 7/16 |



Bronze Bearing

| Wheel Series | Part Number |
|--|-------------|
| 5 Series Wheels 2" Tread Width Wheels with 1 3/16" bore less bearing and 2 3/16" Hub Length Less Bearing | 52014.96 |

Note I.D. is 3/4". Bronze bearings use standard 5 Series Spanner Bushing (52000.08).



Torrington-Style Roller Bearing

| Wheel Series | Part Number |
|---|-------------|
| 5 Series 2" Tread Width Wheels with 2 3/16" Hub Length | 55000.22 |

Replacement Parts

Axle Kits



| CASTER SERIES | PART NUMBER | AXLE DIA. X LENGTH (INCHES) |
|--|-------------|-----------------------------|
| 1 SERIES (145 lb cap.)/Less Brake | 05954.36 | 5/16 X 1 1/2 |
| 1 SERIES (145 lb cap.)/With Brake | 05954.07 | 5/16 X 1 5/8 |
| 2 SERIES/Less Brake | 05954.12 | 3/8 X 2 3/32 |
| 2 SERIES/With Zerk Axle and Total Lock Brake | 05954.64 | 3/8 X 2 3/16 |
| 2 SERIES/With Zerk Axle Less Brake | 05954.69 | 3/8 X 2 3/32 |
| 3 SERIES/Less Brake | 05225.52 | 3/8 X 2 1/2 |
| 3 SERIES/With Zerk Axle | 05954.65 | 3/8 X 2 1/2 |
| 3 SERIES/With Brake | 05954.63 | 3/8 X 2 3/4 |
| 4 SERIES/2 1/2" Leg Spacing | 05953.76 | 1/2 X 3 3/8 |
| 4 SERIES/With Metal Brake | 05944.20 | 1/2 X 3 3/16 |
| 4 SERIES/With TECH-LOCK® Brake | 05944.20 | 1/2 X 3 3/16 |
| 4 Series Stainless Steel | 05214.22 | 1/2 X 3 3/8 |
| 4 Series Stainless Steel/With Brake | 05214.23 | 1/2 X 3 5/8 |
| 6 SERIES/2 1/2" Leg Spacing | 05953.76 | 1/2 X 3 3/8 |
| 6 SERIES/2 1/2" Leg Spacing With Brake | 05944.20 | 1/2 X 3 3/16 |
| 6 SERIES/3" Leg Spacing | 05954.44 | 1/2 X 4 |

Retainer Washers



Note O.D. is smaller than Thrust Washer, but I.D. the same



Combination seal(thrust)/retainer

| WHEEL SERIES | PART # | I.D. X O.D. X THICKNESS (INCHES) | TO BE USED WITH ROLLER BEARING NO. |
|----------------|---|----------------------------------|------------------------------------|
| 2 SERIES | 52008.61 | 2 1/32 X 1 1/16 X 3/32 | 52007.93 |
| 3 & 4 SERIES | 50116.03 (Combination seal/retainer) | 3/4 X 1 1/2 X 3/16 | 55000.05 |
| 5 SERIES | 50116.03 (Combination seal/retainer) | 3/4 X 1 1/2 X 7/32 | 55000.23 |
| 6 SERIES | 50116.03 (Plastic) | 3/4 X 1 1/2 X 3/16 | 55000.06 |
| 6 SERIES | 30116.02 (Powdered Metal) | 3/4 X 1 1/2 X 3/16 | 55000.06 |
| 3,4,5,6 SERIES | 52006.79 (Metal) | 3/4 X 1 3/16 X 1/8 | All Roller |

Floor Lock Replacement Pad



MODEL #: 34013.26 / 79479

Spanner Bushings



| WHEEL SERIES | PART NUMBER | SPANNER BUSHING I.D. X O.D. X LENGTH (INCHES) |
|--|--|--|
| 1 SERIES .441 & .53 Wheels | 58020.04 | 5/16 X 7/16 X 1 7/64 |
| 2 SERIES 12 Wheels .309, .319 Wheels All Delrin Bearing Wheels Stainless Steel – All Delrin Wheels | 57442 57206 52008.43 52014.53 | 3/8 X 5/8 X 1 1/2 3/8 X 5/8 X 1 17/32 3/8 X 1/2 X 1 1/2 3/8 X 1/2 X 1 1/2 |
| 3 SERIES All Roller and Delrin Bearing Wheels 1 5/8" Hub Length Wheels | 55000.17 55000.18 | 3/8 X 3/4 X 1 7/8 5/8 X 3/4 X 1 7/8 |
| 4, 5, 6 SERIES 1 1/2" tread width Roller and Delrin Wheels 2" tread width Roller and Delrin Wheels 2" tread width Roller and Delrin Wheels Stainless Steel 2" tread width Roller and Delrin Wheels | 55000.04 52000.08 55000.19 52014.95 | 1/2 X 3/4 X 1 7/8 1/2 X 3/4 X 2 1/16 5/8 X 3/4 X 2 1/16 1/2 X 3/4 X 2 1/8 |
| 6 SERIES All Roller Bearing Wheels with 2 3/4" Hub Length | 55000.27 | 1/2 X 3/4 X 3 |

Thrust Washers

Note O.D. is larger than retainer washer, but I.D. the same



| WHEEL MODELS | PART NUMBER | THRUST WASHER I.D. X O.D. X THICK-NESS (INCHES) |
|--|-------------|---|
| 4 SERIES (1 1/2" Tread Width) All Sealed 1 1/2" Tread Width Roller Bearing Wheels | 50116.03 | 3/4 X 1 1/2 X 3/16 |
| 4, 5, 6 SERIES All Roller Bearing Wheels | 50116.03 | 3/4 X 1 1/2 X 3/16 |
| 4, 5, 6 SERIES All Roller Bearing and Plain Bore Wheels | 52000.09 | 2 5/32 X 1 1/2 X 3/32 |
| 4 SERIES 1 1/2" TREAD WHEELS Spacer to be used with 2 1/2" Forks | 57030.66 | 3/4 X 1 1/16 X 9/32 |
| 4 SERIES 1 1/2" TREAD WHEELS Spacer to be used with 2 1/2" Forks with PPBB | 57030.58 | 1/2 X 3/4 X 9/32 |
| 4, 5, 6 SERIES Spacer to be used with 2 1/2" Forks in High Temp Applications | 57030.71 | 2 5/32 X 1 1/16 X 9/32 |
| 6 SERIES All Roller Bearing Wheels with 2 3/4" Hub Length | 50116.03 | 3/4 X 1 1/2 X 3/16 |

Defender D4 Stainless Steel Series Components

Swivel and Rigid Rigs



| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height | Swivel Caster Part # | Rigid Caster Part # |
|------------|-------------|----------------------|--------------|----------------------|---------------------|
| 4" | 2" | 1250 | 5-5/8" | D4.04109SS | D4.04108SS |
| 5" | 2" | 1250 | 6-1/2" | D4.05109SS | D4.05108SS |
| 6" | 2" | 1250 | 7-1/2" | D4.06109SS | D4.06108SS |
| 8" | 2" | 1250 | 9-1/2" | D4.08199SS | D4.08198SS |



Total Lock Rigs

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height | Part # |
|------------|-------------|----------------------|--------------|-----------------|
| 4" | 2" | 1250 | 5-5/8" | D4.04149SS BRK4 |
| 5" | 2" | 1250 | 6-1/2" | D4.05149SS BRK4 |
| 6" | 2" | 1250 | 7-1/2" | D4.06149SS BRK4 |
| 8" | 2" | 1250 | 9-1/2" | D4.08149SS BRK4 |

Brake Kits

All brake kits include axle, nut and necessary hardware to install on casters.

Top Lock (BRK7)

Only works with swivel casters.



| Model # | Description |
|-------------|-------------|
| DEFTBK4X2SS | 4" models |
| DEFTBK5X2SS | 5" models |
| DEFTBK6X2SS | 6" models |
| DEFTBK8X2SS | 8" models |

Side Lock (BRK3)

Only works with swivel and rigid roller bearing models. Fits all caster sizes.



| Model # | Description |
|-------------|---|
| DEFCAMXX2SS | Comes with custom spanner bushing (roller bearing required) |

Swivel Locks

Choice of hand operated or foot operated swivel locks.

Hand Operated Swivel Locks



SWVLOCKX2SS
For welded version, please consult factory.



Foot Operated Swivel Locks



05213.67

Hardware (All hardware parts sold per piece, not sets)

Axles, nuts and bushings



Stainless Steel Axle (Zerk)
1/2-13x3.75

AXLEZRKEX2SS



Stainless Steel Solid Axle
1/2-13x3.75

AXLESLDEX2SS



Stainless Steel Nut
1/2-13

AXLENUTEX2SS



Stainless Steel Spanner Bushing
1/2 X 3/4 X 2-7/16

SPANNEREX2SS

Washers



Stainless Steel Retaining Washer
RETAINEREX2SS



Stainless Steel Thrust Washer
THRUSTEX2SS

Bearings



Stainless Steel Roller Bearing

Temperature Rating:
350°F

3/4 I.D. (Use With Bushing For 1/2 I.D.)

BRGCROLLEX2SS



Bronze Bearing

Temperature Rating:
525°F

BRGBRZEX2



Stainless Steel Pedestal Precision Ball Bearing

Temperature Rating:
250°F

BRGPBALLEX2SS



High Temperature Stainless Steel Pedestal Precision Ball Bearing

Temperature Rating:
480°F continuous

BRGPBALLEX2SSHT



Flanged Delrin® Bearing

Temperature Rating:
160°F

3/4 I.D. (Use With Spanner For 1/2 I.D.)

BRGDELRNEX2



Flanged High Temperature Nylon Bearing

Temperature Rating:
350°F

3/4 I.D. (Use With Spanner For 1/2 I.D.)

BRGNYLONEX2HT

Raceway Seals



Upper and lower seals available on swivel and total lock caster models with exception of swivel locks.

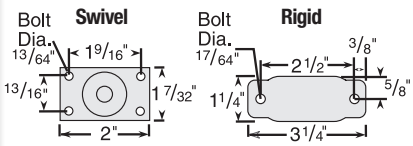


| Fork Type | Temperature Rating | Upper Part # | Lower Part # |
|------------|--------------------|--------------|--------------|
| Swivel | +140°F | 51000.77 | 51001.76 |
| | +450°F | 51000.77HT | 51001.76HT |
| Total Lock | +140°F | 618836 | 618837 |

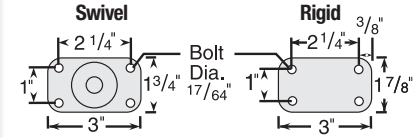
Top Plate Mountings

1 Series

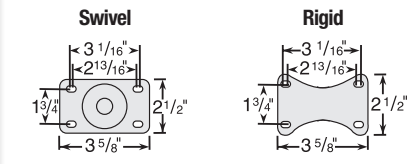
Up to 75 lbs Capacity
Small Top Plate



Up to 75 lbs Capacity
Top Plate

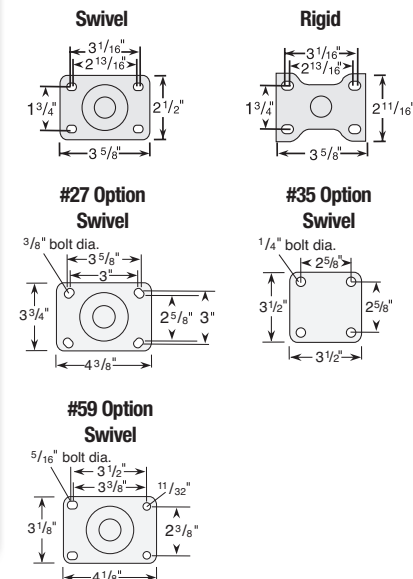


Up to 145 lbs Capacity
Large Top Plate

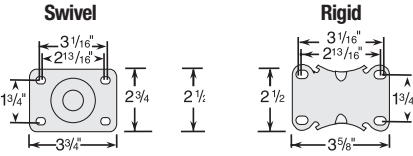


2 Series

Zinc Plated
Up to 325 lbs Capacity
Standard Top Plate

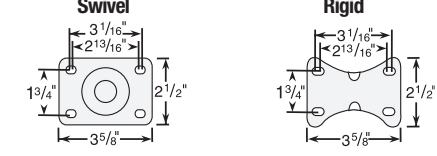


LoPro
Up to 210 lbs Capacity
Top Plate

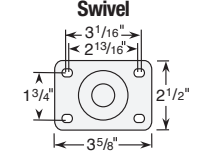


2 Series (Continued)

Stainless Steel
Up to 325 lbs Capacity

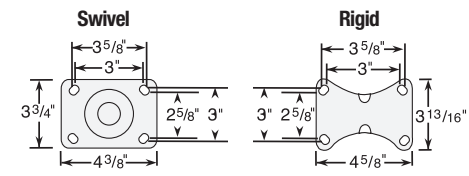


Stainless Steel Precision
Up to 300 lbs Capacity



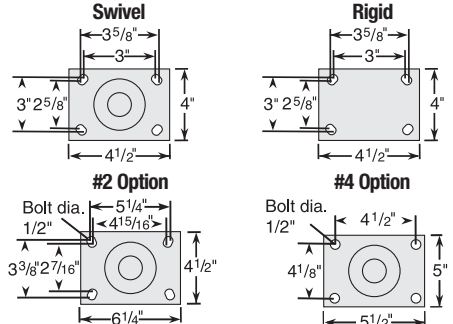
3 Series

Up to 800 lbs Capacity

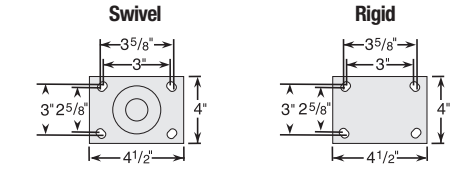


4 Series

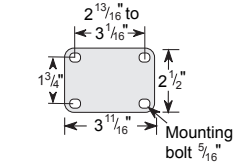
Zinc Plated
Up to 1,250 lbs Capacity
(1 1/2" and 2" tread widths)



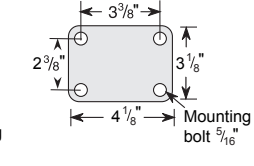
D4 Stainless Steel
Up to 1,250 lbs Capacity



Business Machine
500 lb Capacity

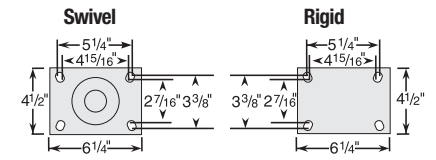


700 lb and 1,200 lb Capacity

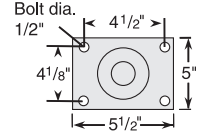


6 Series

Up to 1,500 lbs Capacity



#4 Option

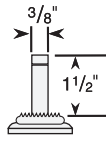


Stem Mountings

Wood Furniture

1 Series

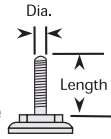
For use on wood furniture that can accept a 3/8" diameter hole approximately 1-5/8" deep. Stem size: 5/16" diameter x 1 1/2" long. Standard No. 20 pressed steel adapter (Part #50011) with toothed base is supplied.



Threaded Stem

1 Series

1 series up to 145 lbs and 2 Series models feature a hex nut beneath the raceway making it fast and easy to install casters on a wide variety of equipment.



Standard Mounting (Up to 75lbs model):

3/8" diameter-16UNC x 1 1/4" long threaded 1 1/8".

MTG51: 3/8" diameter - 24NF x 1 1/16" long

To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.01654.441 MTG51).

Standard Mounting (Up to 145lbs model):

3/8" diameter - 16UNC x 1 1/2" long threaded 1 3/8".

2 Series

Standard Mounting (no code necessary):

1/2" diameter - 13UNC x 1 1/2" long, threaded 1 3/8".

MTG10: 1/2" 13UNC x 3/4" long threaded

MTG11: 1/2" 13UNC x 1" long threaded

MTG12: 1/2" 20UNF x 3/4" long threaded

MTG13: 5/8" 11UNC x 1 3/4" long threaded

MTG14: 5/8" 18UNF x 1 3/4" long threaded

MTG15: 3/4" 10UNC x 1 3/4" long threaded

MTG16: 5/8" 11UNC x 1 1/8" long threaded

MTG17: 1 1/2" 12UNF x 8.06" long threaded

MTG18: 5/8" 18 X 3.5" long threaded

MTG19: 1/2" 13UNC x 2.75" long threaded

MTG21: 3/4" 10UNC x 6.500" long threaded

MTG22: 5/8" 11UNC x 1 1/4" (.590 SH)

MTG24: 3/4" 10UNC x 2.250" long threaded Zinc

MTG25: 5/8" 11UNC x 2 1/2" W/FLTS long threaded

MTG26: 3/4" 10UNC x 1" long threaded

MTG28: 1/2" 13UNC x 2.0" long threaded

MTG36: M14-2.00 x 1.50 long threaded

MTG37: 1/2" 13UNC X 1.75" long threaded

MTG38: M12 1.75 x2" long threaded

MTG39: 7/16" 14UNC x 1.63" long threaded

MTG48: 1 1/4" UNC x 2" threaded to bottom

MTG49: 1 1/4" 12UNF x 2.56" hex top long threaded

MTG50: 1/2" 20UNF x 1 1/2" long threaded

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02254.441 MTG10).

Pipe Thread

2 Series

Standard Mounting (no code necessary):

3/4" 14NPT x .62" w/ 7/16" hex mount to fit on standard 3/4" pipe. Stem Size: approximately 1 1/16".

MTG23: 1 1/4" x 7/8" w/1.0" hex



Expanding Adapter

1 Series & 2 Series

Turning of octagon on upper raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit.



| Inside Diameter of Tube | Mounting Code Numbers | |
|-------------------------|-----------------------|---------------|
| | Round Tubing | Square Tubing |
| 3/4" - 13/16" | MTG40 | - |
| 7/8" - 15/16" | MTG41 | MTG51 |
| 1" - 1 1/16" | MTG42 | MTG52 |
| 1 1/8" - 1 3/16" | MTG43 | MTG53 |
| 1 1/4" - 1 5/16" | MTG44 | MTG54 |
| 1 3/8" - 1 7/16" | MTG45 | MTG55 |
| 1 1/2" - 1 9/16" | MTG46 | - |
| 1 5/8" - 1 11/16" | MTG47 | - |

Stems are 2 1/16" long. Stem size less adapter: 1/2" - 13UNC x 2 1/16"

Same stem specification for 1 and 2 series. To order add the mounting code to Stem Caster Models number (Example: 1.03367.91 MTG40).

Note: To order Expanding Adapter Stem Kit only, add mounting code after 05502.40 (Example: 05502.40 MTG40).

Square Stems or (Octagon)

1 Series

Stems may be bolted or riveted against any flat vertical surface.

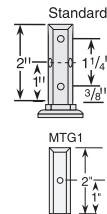
Standard Mounting (no code necessary):

2" long x 3/4" square with 3 mounting holes 17/64" diameter.

MTG1: Optional Square Stem:

2" long x 7/8" square with 1 mounting hole 17/64" diameter.

To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.03370.91 MTG1).



2 Series

Standard Mounting (no code necessary):

2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter.

MTG1: Square Stem 2 1/16" long x 7/8" square

with 1 mounting hole 17/64" diameter.

MTG3: Octagon Stem 2 1/16" long x 3/4" octagon

with 3 mounting holes 17/64" diameter.

MTG1: 7/8" dia square stem 2 1/16" long

with 1 mounting hole 17/64" diameter.

MTG3: 3/4" dia. octagon stem 2 1/16" long x w/3 mounting holes

17/64" diameter.

MTG30: 1.36" x 2.19: (2 grip rings)

MTG60: 3/4" octagon x 2 w/3 holes

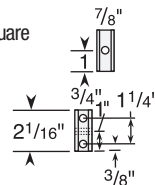
MTG66: .858" x 2.06 w/2 holes

MTG67: .858" x 2.00" w/1 hole

MTG57: 7/8" dia. x 2 1/2" long (2 15/16" dia holes)

MTG58: 7/8" x 2 1/2" long (3 15/64" dia. holes)

To order optional mounting, add mounting code to Swivel Stem Caster Models number (Example: 2.02270.441 MTG1).

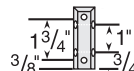


3 Series

Square Stems

Standard Mounting (no code necessary):

Four 17/64" diameter holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square.



Round Stems

MTG7: 2 1/2" long x 3/4" diameter

MTG9: 2 1/2" long x 7/8" diameter

MTG11: 2 1/2" long x 1" diameter

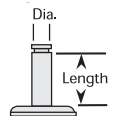
To order with optional round stem, add mounting code to Stem Caster Model number (Example: 3.00314.449 MTG7).



Grip Ring

1 Series

Spring grip on top of stem holds caster firmly in place.



Standard Mounting (Up to 75lbs model):

7/16" x 1 29/32" long with grip ring.

MTG1: 3/8" x 1 9/16" long

MTG2: 7/16" x 1 9/16" long

MTG50: 7/16" x 1" long

MTG51: 7/16" x 1 29/32" long less grip ring

MTG57: 1/4" x 4 1/2" (ladder caster stem)

Standard 1/2" Mounting (Up to 145lbs model):

7/16" x 1 29/32" long with grip ring, no plastic adapter.

MTG2: 7/16" x 1 1/2" long

MTG51: 7/16" x 1 29/32" long less grip ring

To order optional mounting, add mounting code to Stem Caster Models number (Example: 1.03367.91 MTG51).

Plastic Adapter

Available on 1 Series Up to 145lbs models only. Snaps easily in place to reduce distortion and damage to furniture and equipment tubing.



Plastic adapters are non-conductive. To order, add plastic adapter mounting code from below to Stem Caster Model Number (Example 1.03351.91 MTG53).

MTG53: (No. 50810): Fits 7/8" x 18 ga. wall round tubing or any I.D. from 3/4" to 51/64".

MTG55: (No. 50865): Fits 1" x 14 ga. wall round tubing or any I.D. from 53/64" to 55/64".

MTG56: (No. 50916): Fits 1" x 16 ga. wall round tubing or any I.D. from 57/64" to 29/32".

2 Series

Standard Mounting (no code necessary):

2 3/16" long with 5/8" dia.

MTG2: 1 1/2" long x 7/16" dia. (.437)

MTG4: 845" x 2 13/16" dia. Metro 2 series

MTG5: 2 3/16" long x 3/4" dia. (.75)

MTG6: 2 3/16" long x 13/16" dia. (.812)

MTG7: 2 3/16" long x 27/32" dia. (.845)

MTG8: 2 3/16" long x 7/8" dia. (.865)

MTG9: 2 3/16" long x 1" dia. (1.00)

MTG61: .865" x 2 13/16" dia. (2 row)

MTG62: 845" x 2 13/16" dia. (2 row)

MTG63: 3/4" x 2 13/16" dia.

MTG68: .860" square x 2.00" dia

MTG69: .860" square. x dia.

To order optional mounting, add mounting code to Stem Caster Models number (Example: 2.02251.441 MTG2).

Modular Stem

2 Series

Colson modular stem casters feature a 1/2" hollow rivet which will accept a wide variety of mounting stems (even a standard 1/2" bolt will work).

You can supply the mounting fasteners or stems - we supply the casters.



Wheel / Thread Guard Availability Chart

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|-----------------------------|----------------------------|----------------------|
| Performa (Flat/Grey) | | |
| 1.00003.441 | TG1: metal | 57852.03 |
| 2.00003.441 | TG1: metal TG2: plastic | 57854.01 57852.39 |
| 2.00003.445 | TG1: metal TG2: plastic | 57854.01 57852.39 |
| 2.00004.441 | TG1: metal | 57854.01 |
| 2.00004.445 | TG1: metal | 57854.01 |
| 2.00005.441 | TG1: metal TG2: plastic | 57866.03 57852.43 |
| 2.00005.445 | TG1: metal TG2: plastic | 57866.03 57852.43 |
| 5.00005.451 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00005.459 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00005.455 | TG1: metal | 57852.35 |
| 5.00006.451 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00006.459 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00006.455 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00008.451 | TG1: metal TG2: plastic | 57852.04 57852.30 |
| 5.00008.459 | TG1: metal TG2: plastic | 57852.04 57852.30 |
| 5.00008.455 | TG1: metal TG2: plastic | 57852.04 57852.30 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|------------------------------|----------------------------|----------------------|
| Performa (Round/Grey) | | |
| 2.00005.561 | TG1: metal | 57854.01 |
| 5.00005.555 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00005.551 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00005.559 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00006.551 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00006.559 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00006.555 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00008.551 | TG1: metal TG2: plastic | 57852.04 57852.30 |
| 5.00008.559 | TG1: metal TG2: plastic | 57852.04 57852.30 |
| 5.00008.555 | TG1: metal TG2: plastic | 57852.04 57852.30 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|------------------------------|----------------------------|----------------------|
| Performa (Flat/Black) | | |
| 5.00005.451.2 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00005.459.2 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00005.455.2 | TG1: metal | 57852.35 |
| 5.00006.451.2 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00006.459.2 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00006.455.2 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00008.451.2 | TG1: metal TG2: plastic | 57852.04 57852.30 |
| 5.00008.459.2 | TG1: metal TG2: plastic | 57852.04 57852.30 |
| 5.00008.455.2 | TG1: metal TG2: plastic | 57852.04 57852.30 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|------------------------------------|----------------------------|----------------------|
| Polyurethane HI-TECH Wheels | | |
| 1.00003.91 | TG1: metal | 57852.03 |
| 2.00002.91 | TG1: metal | 57852 |
| 2.00002.95 | TG1: metal | 57852 |
| 2.00003.91 | TG1: metal | 57854.01 |
| 2.00003.95 | TG1: metal | 57854.01 |
| 2.00004.91 | TG1: metal | 57854.01 |
| 2.00004.95 | TG1: metal TG1: metal | 57854.01 57866.03 |
| 2.00005.91 | TG2: plastic | 57852.43 |
| 2.00005.95 | TG1: metal TG2: plastic | 57866.03 57852.43 |
| 3.00004.909 | TG1: metal | 57852.22 |
| 3.00006.901 | TG1: metal | 57852.08 |
| 4.00004.911 | TG1: metal | 57852.23 |
| 4.00004.919 | TG1: metal | 57852.23 |
| 4.00005.911 | TG1: metal | 57852.11 |
| 4.00005.919 | TG1: metal | 57852.11 |
| 4.00006.911 | TG1: metal | 52001.86 |
| 4.00006.919 | TG1: metal | 52001.86 |
| 4.00008.911 | TG1: metal | 57852.05 |
| 4.00008.919 | TG1: metal | 57852.05 |
| 5.00005.921 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00005.929 | TG1: metal TG2: plastic | 57852.35 57852.34 |
| 5.00006.921 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00006.929 | TG1: metal TG2: plastic | 59042.07 57852.29 |
| 5.00008.921 | TG1: metal TG2: plastic | 57852.04 57852.30 |
| 5.00008.929 | TG1: metal TG2: plastic | 57852.04 57852.30 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|--------------------|---------------------------|---------------------|
| Maxim | | |
| 5.00005.531 | TG1: metal | 57852.45 |
| 5.00005.539 | TG1: metal | 57852.45 |
| 5.00006.531 | TG1: metal | 57852.46 |
| 5.00006.539 | TG1: metal | 57852.46 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|--|---------------------------|---------------------|
| Moldon Polyurethane Aluminum Core | | |
| 5.00005.931 | TG1: metal | 57866.01 |
| 5.00005.939 | TG1: metal | 57866.01 |
| 5.00006.931 | TG1: metal | 57551.05 |
| 5.00006.939 | TG1: metal | 57551.05 |
| 5.00008.931 | TG1: metal | 57852.20 |
| 5.00008.939 | TG1: metal | 57852.20 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|--------------------------|----------------------------|----------------------|
| Polyolefin Wheels | | |
| 1.00003.53 | TG1: metal | 57852.03 |
| 2.00002.53 | TG1: metal | 57852 |
| 2.00002.55 | TG1: metal | 57852 |
| 2.00003.53 | TG1: metal | 57854.01 |
| 2.00003.55 | TG1: metal | 57854.01 |
| 2.00004.53 | TG1: metal | 57854.01 |
| 2.00004.55 | TG1: metal | 57854.01 |
| 2.00005.53 | TG1: metal TG2: plastic | 57866.03 57852.43 |
| 2.00005.55 | TG1: metal TG2: plastic | 57866.03 57852.43 |
| 3.00003.801 | TG1: metal | 52250.62 |
| 3.00003.809 | TG1: metal | 52250.62 |
| 3.00004.801 | TG1: metal | 57852.06 |
| 3.00004.809 | TG1: metal | 57852.06 |
| 3.00005.801 | TG1: metal | 57866 |
| 3.00005.809 | TG1: metal | 57866 |
| 3.00006.801 | TG1: metal | 52250.56 |
| 3.00006.809 | TG1: metal | 52250.56 |
| 4.00003.811 | TG1: metal | 57852.12 |
| 4.00003.819 | TG1: metal | 57852.12 |
| 4.00004.811 | TG1: metal | 57852.07 |
| 4.00004.819 | TG1: metal | 57852.07 |
| 4.00005.811 | TG1: metal | 57866.01 |
| 4.00005.819 | TG1: metal | 57866.01 |
| 4.00006.811 | TG1: metal | 57551.05 |
| 4.00006.819 | TG1: metal | 57551.05 |
| 5.00004.831 | TG1: metal | 57852.07 |
| 5.00004.839 | TG1: metal | 57852.07 |
| 5.00005.831 | TG1: metal | 57866.01 |
| 5.00005.839 | TG1: metal | 57866.01 |
| 5.00006.831 | TG1: metal | 57551.05 |
| 5.00006.839 | TG1: metal | 57551.05 |
| 5.00008.831 | TG1: metal | 57852.20 |
| 5.00008.839 | TG1: metal | 57852.20 |
| Endura Wheels | | |
| 5.00004.831 EN | TG1: metal | 57852.07 |
| 5.00004.839 EN | TG1: metal | 57852.07 |
| 5.00004.835 EN | TG1: metal | 57852.07 |
| 5.00005.831 EN | TG1: metal | 52007.94 |
| 5.00005.839 EN | TG1: metal | 52007.94 |
| 5.00005.835 EN | TG1: metal | 52007.94 |
| 5.00006.831 EN | TG1: metal | 57551.05 |
| 5.00006.839 EN | TG1: metal | 57551.05 |
| 5.00006.835 EN | TG1: metal | 57551.05 |
| 5.00008.831 EN | TG1: metal | 57852.20 |
| 5.00008.839 EN | TG1: metal | 57852.20 |
| 5.00008.835 EN | TG1: metal | 57852.20 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|------------------------|---------------------------|---------------------|
| Phenolic Wheels | | |
| 3.00004.301 | TG1: metal | 57852.10 |
| 3.00004.305 | TG1: metal | 57852.10 |
| 3.00004.309 | TG1: metal | 57852.10 |
| 3.00005.301 | TG1: metal | 57852.08 |
| 3.00005.305 | TG1: metal | 57852.08 |
| 3.00005.309 | TG1: metal | 57852.08 |
| 3.00006.301 | TG1: metal | 52250.56 |
| 3.00006.305 | TG1: metal | 52250.56 |
| 3.00006.309 | TG1: metal | 52250.56 |
| 4.00004.311 | TG1: metal | 57852.11 |
| 4.00004.315 | TG1: metal | 57852.11 |
| 4.00004.319 | TG1: metal | 57852.11 |
| 4.00005.311 | TG1: metal | 52001.86 |
| 4.00005.315 | TG1: metal | 52001.86 |
| 4.00005.319 | TG1: metal | 52001.86 |
| 4.00006.311 | TG1: metal | 57551.05 |
| 4.00006.315 | TG1: metal | 57551.05 |
| 4.00006.319 | TG1: metal | 57551.05 |
| 5.00004.331 | TG1: metal | 59042.06 |
| 5.00004.339 | TG1: metal | 59042.06 |
| 5.00005.331 | TG1: metal | 52007.94 |
| 5.00005.339 | TG1: metal | 52007.94 |
| 5.00006.331 | TG1: metal | 52001.86 |
| 5.00006.339 | TG1: metal | 52001.86 |
| 5.00008.331 | TG1: metal | 57852.05 |
| 5.00008.339 | TG1: metal | 57852.05 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|-------------------------|---------------------------|---------------------|
| Cast Iron Wheels | | |
| 2.00002.12 | TG1: metal | 57854.01 |
| 2.00005.12 | TG1: metal | 57551.02 |
| 3.00003.101 | TG1: metal | 52250.62 |
| 3.00003.109 | TG1: metal | 52250.62 |
| 3.00005.101 | TG1: metal | 52250.56 |
| 3.00005.109 | TG1: metal | 52250.56 |
| 3.00006.101 | TG1: metal | 57852.16 |
| 4.00003.111 | TG1: metal | 57852.12 |
| 4.00003.119 | TG1: metal | 57852.12 |
| 4.00004.111 | TG1: metal | 52007.94 |
| 4.00004.119 | TG1: metal | 52007.94 |
| 4.00005.111 | TG1: metal | 57551.05 |
| 4.00005.119 | TG1: metal | 57551.05 |
| 4.00006.111 | TG1: metal | 57852.04 |
| 4.00006.119 | TG1: metal | 57852.04 |
| 5.00004.131 | TG1: metal | 52007.94 |
| 5.00004.139 | TG1: metal | 52007.94 |
| 5.00005.131 | TG1: metal | 57551.05 |
| 5.00005.139 | TG1: metal | 57551.05 |

| Wheel Model Number | Mounting Code/Description | Thread Guard Number |
|------------------------|---------------------------|---------------------|
| V-Groove Wheels | | |
| 5.00004.731 | TG1: metal | 57852.07 |
| 5.00004.739 | TG1: metal | 57852.07 |

Conversion Chart

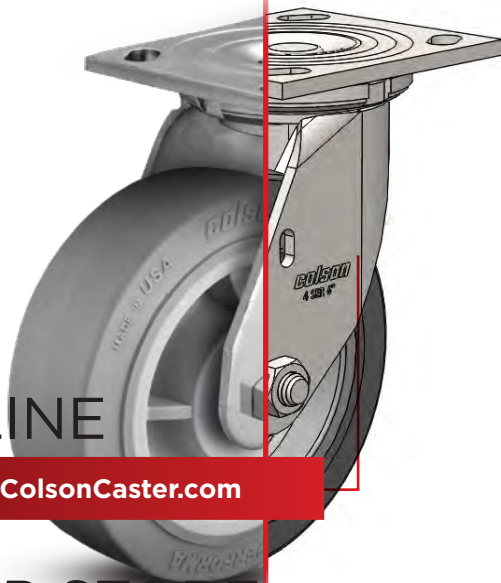


| INCHES | INCHES DECIMAL | MILLIMETERS |
|--------|----------------|-------------|
| 1/64 | .0156 | 0.397 |
| 1/32 | .0313 | 0.794 |
| 3/64 | .0469 | 1.191 |
| 1/16 | .0625 | 1.588 |
| 5/64 | .0781 | 1.984 |
| 3/32 | .0938 | 2.381 |
| 7/64 | .1094 | 2.778 |
| 1/8 | .1250 | 3.175 |
| 9/64 | .1406 | 3.572 |
| 5/32 | .1563 | 3.969 |
| 11/64 | .1719 | 4.366 |
| 3/16 | .1875 | 4.763 |
| 13/64 | .2031 | 5.159 |
| 7/32 | .2188 | 5.556 |
| 15/64 | .2344 | 5.953 |
| 1/4 | .2500 | 6.350 |
| 17/64 | .2656 | 6.747 |
| 9/32 | .2813 | 7.144 |
| 19/64 | .2969 | 7.541 |
| 5/16 | .3125 | 7.938 |
| 21/64 | .3281 | 8.334 |
| 11/32 | .3438 | 8.731 |
| 23/64 | .3594 | 9.128 |
| 3/8 | .3750 | 9.525 |
| 25/64 | .3906 | 9.922 |
| 13/32 | .4063 | 10.319 |
| 27/64 | .4219 | 10.716 |
| 7/16 | .4375 | 11.113 |
| 29/64 | .4531 | 11.509 |
| 15/32 | .4688 | 11.906 |
| 31/64 | .4844 | 12.303 |
| 1/2 | .5000 | 12.700 |
| 33/64 | .5156 | 13.097 |
| 17/32 | .5313 | 13.494 |
| 35/64 | .5469 | 13.891 |
| 9/16 | .5625 | 14.288 |
| 37/64 | .5781 | 14.684 |
| 19/32 | .5938 | 15.081 |
| 39/64 | .6094 | 15.478 |
| 5/8 | .6250 | 15.875 |

| INCHES | INCHES DECIMAL | MILLIMETERS |
|--------|----------------|-------------|
| 41/64 | .6406 | 16.272 |
| 21/32 | .6563 | 16.669 |
| 43/64 | .6719 | 17.066 |
| 11/16 | .6875 | 17.463 |
| 45/64 | .7031 | 17.859 |
| 23/32 | .7188 | 18.256 |
| 47/64 | .7344 | 18.653 |
| 3/4 | .7500 | 19.050 |
| 49/64 | .7656 | 19.447 |
| 25/32 | .7813 | 19.844 |
| 51/64 | .7969 | 20.241 |
| 13/16 | .8125 | 20.638 |
| 53/64 | .8281 | 21.034 |
| 27/32 | .8438 | 21.431 |
| 55/64 | .8594 | 21.828 |
| 7/8 | .8750 | 22.225 |
| 57/64 | .8906 | 22.622 |
| 29/32 | .9063 | 23.019 |
| 59/64 | .9219 | 23.416 |
| 15/16 | .9375 | 23.813 |
| 61/64 | .9531 | 24.209 |
| 31/32 | .9688 | 24.606 |
| 63/64 | .9844 | 25.003 |
| 1 | 1.0000 | 25.400 |
| 2 | 2.0000 | 50.800 |
| 3 | 3.0000 | 76.200 |
| 4 | 4.0000 | 101.600 |
| 5 | 5.0000 | 127.000 |
| 6 | 6.0000 | 152.400 |
| 7 | 7.0000 | 177.800 |
| 8 | 8.0000 | 203.200 |
| 9 | 9.0000 | 228.600 |
| 10 | 10.0000 | 254.000 |
| 11 | 11.0000 | 279.400 |
| 12 | 12.0000 | 304.800 |
| 13 | 13.0000 | 330.200 |
| 14 | 14.0000 | 355.600 |
| 15 | 15.0000 | 381.000 |
| 16 | 16.0000 | 406.400 |
| 17 | 17.0000 | 431.800 |

To convert pounds to kilograms use the following formula:
 Kilograms = Pounds ÷ 2.2046

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A Leading Supplier for over **60 Years**

Shepherd Caster is a leading designer of cutting edge mobility solutions for a variety of OEM markets and applications. For over 60 years we have prided ourselves on responding to our customers' needs with outstanding quality, on time delivery, and excellent value at competitive prices.

Our casters, found throughout a variety of industries including furniture, store fixture, medical, business machine and institutional—have long been a benchmark for quality and design in the industry. We have an experienced sales force and established global distribution network ready to assist you in finding the right solution that meets all of your mobility needs. If the right caster is not available among our thousands of standard products, we have the design expertise, manufacturing knowledge, and capability to create a custom solution to meet any of your requirements.



Food Service Industry
Many Shepherd casters are NSF listed for use in the food services industry.



Quality Certification
ISO 9001:2015



One-Year Limited Warranty
See "Terms of Use" at:
shepherdcasters.com for details



Our Company

Shepherd is a leading brand of Colson Group—the global leader in casters and wheels. Colson Group's unique and proprietary global footprint provides our customers with available services and capabilities unmatched by any other manufacturer.



- The most complete product offering in the world
- One-stop shopping for any application and budget
- Local service worldwide, ready for any business need
- The most experienced sales, engineering, manufacturing and quality teams
- The highest value for your caster dollar

Design



Utilizing the latest in available technologies, our global design and engineering teams ensure every detail in performance, materials and aesthetics are delivered to meet customers' expectations and safety standards. From concept, to FEA and rapid prototyping—we bring your needs to reality.

Manufacturing

With leading manufacturing facilities located around the world, Shepherd takes a strategic approach to manufacture our products in the regions that best support the needs of our customers.

We are proud to be the leaders in USA Made casters, and constantly strive to set the standards in caster manufacturing, innovation and automation.



Quality



Industry leading test labs and global quality systems confirm our casters meet stringent quality standards. Our in-house capabilities ensure all designs meet or exceed industry standards (ANSI:ICWM standard) to keep your products safe and mobile.

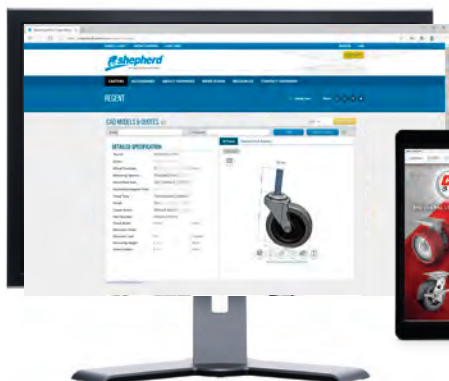
Service

Customer expectations and requirements are met through a combined success of teamwork, expertise, technology, and commitment to excellence in design and manufacturing.

Our leading teams of inside and outside sales support are the most experienced in the industry, and are positioned around the U.S. to provide local support for all of your caster needs. We are committed to providing the service and support that you can rely on every time.

Online Drawings & CAD Models

Save time on your next design, and quickly download any of the casters you see in our catalog in your native CAD format. You can download **3D Models**, **2D Drawings** or **Data Sheets** for any of your design, procurement or quality needs.



Mobile app available on Apple App Store and Google Play. Search "Caster Cad 3D".

Download app or go to
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Ball and Spherical Casters

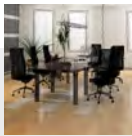


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Twin Wheel Casters



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Specialty Casters
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Definitions and Components



Nomenclature/Terms
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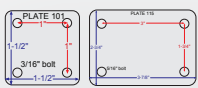


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Fastening Information



Fastenings
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Watch For ...



Now you have the freedom to specify USA made casters!



Environmentally friendly (Consult factory)



Many models are listed to be used in food industry by the National Sanitation Foundation (consult factory).

Regent



Features

- Industry leading selection and overall value
- Fast deliveries for any order quantity
- High-strength & heat treated steel for increased durability and caster life
- Dual ball raceways
- RoHS compliant zinc plating for corrosion resistance
- Octagon washer on stem models for easy installation
- NSF approved (less thread guards)

Applications

- Store fixtures
- Carts
- Institutional Equipment
- Food Service Equipment
- Furniture
- Janitorial Equipment
- Office Equipment
- Racks and Storage Equipment
- Medical Equipment

Options

- **Brakes:** available on all sizes (see below and product pages for details).
- **Finishes:** Zinc plating standard; optional finishes available (see below).
- **Fastenings & Wheels:** additional fastening sizes and wheel options available. Consult factory.
- **1-5/8" Diameter Models:** see Mighty-Mite on page 34.



Wheel Selection



| | Polyolefin | Hard or Soft Rubber | Thermoplastic Rubber (TPR) | Polyurethane (TPU) | 3" No-Matic | Vipor | MonoTech | 5" Precision Bearing MonoTech |
|---------------------|------------|---------------------|----------------------------|--------------------|-------------|-------|----------|-------------------------------|
| Floor Protection* | ✓ | ✓ | ✓+ | ✓+ | ✓+ | ✓+ | ✓+ | ✓+ |
| Non-Marking | ✓ | ✓ | ✓+ | ✓+ | | ✓+ | ✓+ | ✓+ |
| Durability | ✓+ | ✓ | ✓ | ✓+ | ✓ | ✓+ | ✓+ | ✓+ |
| Cushioned Ride | | ✓+(soft) | ✓ | ✓ | ✓+ | ✓ | ✓+ | ✓+ |
| Chemical Resistance | ✓+ | ✓ | ✓ | ✓+ | ✓ | ✓+ | ✓+ | ✓+ |

*See pages 40 for application details.

Brake Selection



Side Brakes for 2", 2-1/2" and 3" models. Add **[B]** at end of model.



Top Lock Brakes 3" and 4" diameter models. Add **[TL]** at end of model. Not compatible with top plate models.



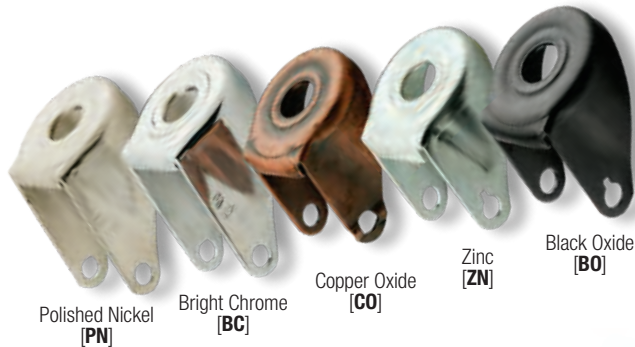
Tread Lock Brakes 4" and 5" models. Add **[B]** at end of model.



Side Brakes 4" and 5" models. Add **[SB]** at end of model.

Finish Options

Replace standard Zinc **[ZN]** in Part Number with appropriate finish code. Minimum order quantities may apply.



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Connects casters to wood



Connects casters to round tubes



Connects casters to square tubes



Weldable caster mount



Metal T nut



Connect casters to PVC pipe legs



Connect casters to threaded pipes



Corner brackets

Regent continues next page

Regent

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Stem Models

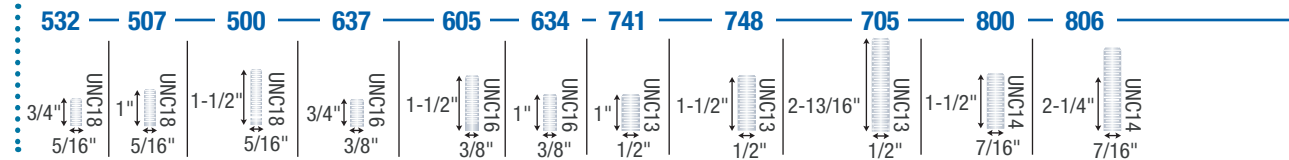


Plate Models on Next Page

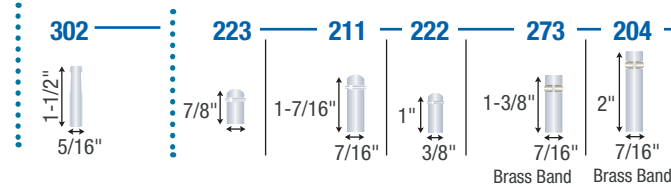
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Dynamic Load (Pounds) | Base Model Number (Add fastening code) | Fastening Selection* |
|-------------------------|----------------------|--------------------------|--|----------------------------|-----------------------|--|---|
| 2" | 13/16" | 2-5/8" | 1-15/16" Side Brake: 2-1/8" | Soft Rubber | 80 | PRE20...ZN-3R | Threaded: 532, 507, 500, 637, 605, 634 Grip Neck: 302 Grip Ring: 223, 211, 222, 273 |
| | | | | Thermoplastic Rubber | 80 | PRE20...ZN-TPR | |
| | | | | Hard Rubber | 90 | PRE20...ZN-3H | |
| | | | | Polyurethane | 90 | PRE20...ZN-TPU | |
| | | | | Solid Wall Polyolefin | 90 | PRE20...ZN-3ES | |
| | | | | Polyolefin | 90 | PRE20...ZN-3E | |
| | | | | Vipor | 90 | PRE20...ZN-VPR01(CG) | |
| 2-1/2" | 13/16" | 3-1/8" | Swivel & Side Brake: 2-1/8" | Soft Rubber | 80 | PRE25...ZN-3R | Threaded: 532, 507, 500, 637, 634, 605 Grip Neck: 302 Grip Ring: 223, 211, 222, 273 |
| | | | | Thermoplastic Rubber | 80 | PRE25...ZN-TPR | |
| | | | | Hard Rubber | 95 | PRE25...ZN-3H | |
| | | | | Polyurethane | 95 | PRE25...ZN-TPU | |
| | | | | Polyolefin | 95 | PRE25...ZN-3E | |
| 3" | 13/16" | 3-1/2" | Swivel and Side Brake: 2-1/2" Top Lock Brake: 3-5/16" | Soft Rubber | 110 | PRE30...ZN-3R | Threaded: 532, 507, 500, 637, 634, 605, 748 Grip Neck: 302 Grip Ring: 223, 211, 222, 273 |
| | | | | Thermoplastic Rubber | 110 | PRE30...ZN-TPR | |
| | | | | No-Matic | 110 | PRE30...ZN-NOM | |
| | | | | Hard Rubber | 120 | PRE30...ZN-3H | |
| | | | | Polyurethane | 120 | PRE30...ZN-TPU | |
| | | | | Polyolefin | 120 | PRE30...ZN-3E | |
| | | | | MonoTech | 120 | PRE30...ZN-MNT | |
| Vipor | 120 | PRE30...ZN-VPR01(CG) | | | | | |
| 4" | 15/16" | 4-3/4" | 3-7/16" Side Brake: 3-1/2" Top Lock Brake: 4-1/16" | Soft Rubber | 125 | PRE40...ZN-3R | Threaded: 605, 741, 748, 705, 800, 806 Grip Ring: 211, 273, 204 Expanding Adapter: 440-455 |
| | | | | Thermoplastic Rubber | 125 | PRE40...ZN-TPR | |
| | | | | Hard Rubber | 150 | PRE40...ZN-3H | |
| | | | | Polyurethane | 150 | PRE40...ZN-TPU | |
| | | | | Polyolefin | 150 | PRE40...ZN-3E | |
| | | | | MonoTech | 150 | PRE40...ZN-MNT | |
| | | | | Vipor | 120 | PRE40...ZN-VPR01(CG) | |
| 5" | 15/16" | 5-3/4" | Swivel & Brake: 4-1/8" | Soft Rubber | 130 | PRE50...ZN-3R | Threaded: 605, 741, 748, 705, 800, 806 Grip Ring: 211, 273, 204 Expanding Adapter: 440-455 |
| | | | | Thermoplastic Rubber | 130 | PRE50...ZN-TPR | |
| | | | | Hard Rubber | 150 | PRE50...ZN-3H | |
| | | | | Polyurethane | 150 | PRE50...ZN-TPU | |
| | | | | Polyolefin | 150 | PRE50...ZN-3E | |
| | | | | MonoTech | 160 | PRE50...ZN-MNT | |
| | | | | MonoTech Precision Bearing | 160 | PRE50...ZN-MNT33(GG) | |

*To order, include blue fastener code in **Base Model Number**. Example: PRE40**605**ZN-3R ▲

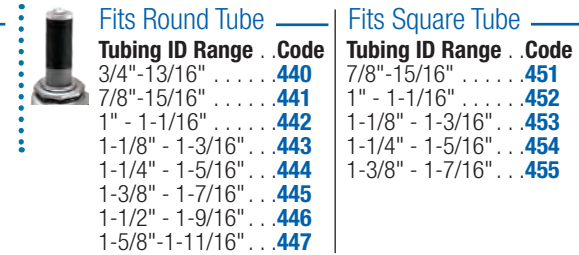
Threaded Stem



Grip Neck Grip Ring Stem



Expanding Adapter Stem



Side Brakes for 2", 2-1/2" and 3" models. Add [B] at end of model.



Top Lock Brakes 3" and 4" diameter models. Add [TL] at end of model.



Tread Lock Brakes 4" and 5" models. Add [B] at end of model.



Side Brakes 4" and 5" models. Add [SB] at end of model.

Regent continues next page



Swivel Top Plate



Rigid Top Plate

Regent

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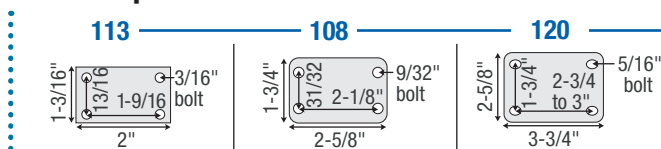
Top Plate Models

Stem Models on Previous Page

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Dynamic Load (Pounds) | Swivel Base Model Number (Add fastener code) | Rigid Base Model Number | Fastening Selection* |
|-------------------------|----------------------|--------------------------|---|----------------------------|-----------------------|--|-------------------------|---|
| 2" | 13/16" | 2-5/8" | 1-15/16" Side Brake: 2-1/8" | Soft Rubber | 80 | PRE20___ZN-3R | | Swivel: 113, 108 |
| | | | | Thermoplastic Rubber | 80 | PRE20___ZN-TPR | | |
| | | | | Hard Rubber | 90 | PRE20___ZN-3H | | |
| | | | | Polyurethane | 90 | PRE20___ZN-TPU | | |
| | | | | Solid Wall Polyolefin | 90 | PRE20___ZN-3ES | | |
| | | | | Polyolefin | 90 | PRE20___ZN-3E | | |
| | | | | Vipor | 90 | PRE20___ZN-VPR01(CG) | | |
| 2-1/2" | 13/16" | 3-1/8" | Swivel & Side Brake: 2-1/8" | Soft Rubber | 80 | PRE25___ZN-3R | | Swivel: 113, 108 |
| | | | | Thermoplastic Rubber | 80 | PRE25___ZN-TPR | | |
| | | | | Hard Rubber | 95 | PRE25___ZN-3H | | |
| | | | | Polyurethane | 95 | PRE25___ZN-TPU | | |
| | | | | Polyolefin | 95 | PRE25___ZN-3E | | |
| 3" | 13/16" | 3-1/2" | Swivel and Side Brake: 2-1/2" Top Lock Brake: 3-5/16" | Soft Rubber | 110 | PRE30___ZN-3R | PRI30120ZN-3R | Swivel: 113, 108, 120 Rigid: 120 |
| | | | | Thermoplastic Rubber | 110 | PRE30___ZN-TPR | PRI30120ZN-TPR | |
| | | | | No-Matic | 110 | PRE30___ZN-NOM | PRI30120ZN-NOM | |
| | | | | Hard Rubber | 120 | PRE30___ZN-3H | PRI30120ZN-3H | |
| | | | | Polyurethane | 120 | PRE30___ZN-TPU | PRI30120ZN-TPU | |
| | | | | Polyolefin | 120 | PRE30___ZN-3E | PRI30120ZN-3E | |
| | | | | MonoTech | 120 | PRE30___ZN-MNT | PRI30120ZN-MNT | |
| | | | | Vipor | 120 | PRE30___ZN-VPR01(CG) | PRI30120ZN-VPR01(CG) | |
| 4" | 15/16" | 4-7/8" | 3-7/16" Side Brake : 3-1/2" Top Lock Brake: 4-1/16" | Soft Rubber | 125 | PRE40___ZN-3R | PRI40120ZN-3R | Swivel: 120 Rigid: 120 |
| | | | | Thermoplastic Rubber | 125 | PRE40___ZN-TPR | PRI40120ZN-TPR | |
| | | | | Hard Rubber | 150 | PRE40___ZN-3H | PRI40120ZN-3H | |
| | | | | Polyurethane | 150 | PRE40___ZN-TPU | PRI40120ZN-TPU | |
| | | | | Polyolefin | 150 | PRE40___ZN-3E | PRI40120ZN-3E | |
| | | | | MonoTech | 150 | PRE40___ZN-MNT | PRI40120ZN-MNT | |
| | | | | Vipor | 120 | PRE40___ZN-VPR01(CG) | PRI40120ZN-VPR01(CG) | |
| 5" | 15/16" | 5-7/8" | Swivel & Side Brake: 4-1/8" | Soft Rubber | 130 | PRE50___ZN-3R | PRI50120ZN-3R | Swivel: 120 Rigid: 120 |
| | | | | Thermoplastic Rubber | 130 | PRE50___ZN-TPR | PRI50120ZN-TPR | |
| | | | | Hard Rubber | 150 | PRE50___ZN-3H | PRI50120ZN-3H | |
| | | | | Polyurethane | 150 | PRE50___ZN-TPU | PRI50120ZN-TPU | |
| | | | | Polyolefin | 150 | PRE50___ZN-3E | PRI50120ZN-3E | |
| | | | | MonoTech | 160 | PRE50___ZN-MNT | PRI50120ZN-MNT | |
| | | | | MonoTech Precision Bearing | 160 | PRE50___ZN-MNT33(GG) | PRI50120ZN-MNT33(GG) | |

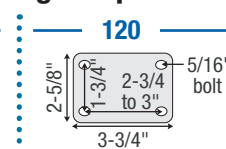
*To order, include blue fastener code in Base Model Number. Example: PRE30**113**ZN-3R

Swivel Top Plate



Note: 113 plate is not NSF listed for food service industry.

Rigid Top Plate



Side Brakes for 2", 2-1/2" and 3" models. Add **[B]** at end of model.



Tread Lock Brakes
4" and 5" models. Add **[B]** at end of model.



Side Brakes
4" and 5" models. Add **[SB]** at end of model.



Monarch Hooded Casters



Features

- Extended hood helps prevent pinch points and material entanglement
- Zinc finish
- Double ball bearing raceways
- Octagon washer on threaded stem for easy installation
- Heat treated

Applications

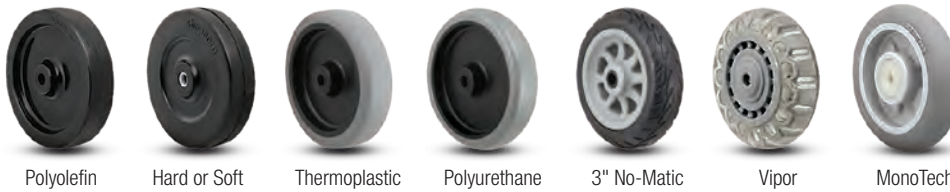
- Fixtures
- Institutional Equipment
- Equipment Carts
- Furniture
- Mechanical Creepers
- Seating
- Medical Equipment

Options

- **Finishes:** Zinc plating standard; optional finishes available by special order. Consult factory for details.
- **Fastenings:** Others sizes available by special order; consult factory.



Wheel Selection



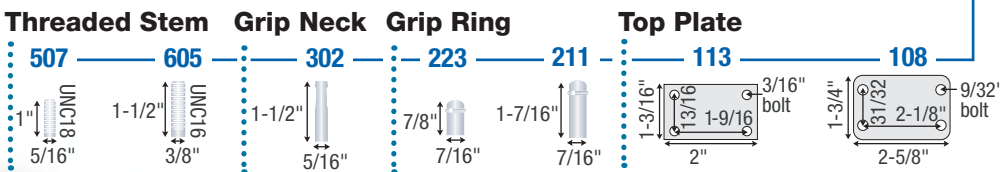
| | Polyolefin | Hard or Soft Rubber | Thermoplastic Rubber | Polyurethane Tread | 3" No-Matic | Vipor | MonoTech |
|-------------------------------|------------|---------------------|----------------------|--------------------|-------------|-------|----------|
| Floor Protection ¹ | ✓ | ✓ | ✓+ | ✓+ | ✓+ | ✓+ | ✓+ |
| Non-Marking | ✓ | ✓ | ✓+ | ✓+ | ✓+ | ✓+ | ✓+ |
| Durability | ✓+ | ✓ | ✓ | ✓+ | ✓ | ✓+ | ✓+ |
| Cushioned Ride | | ✓+(soft) | ✓ | ✓ | ✓+ | ✓ | ✓+ |
| Chemical Resistance | ✓+ | ✓ | ✓ | ✓+ | ✓ | ✓+ | ✓+ |

¹See pages 40 for application details.

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Dynamic Load (Pounds) | Base Model Number (Add fastener code) | Fastening Selection ² |
|-------------------------|----------------------|--------------------------|------------------------|-----------------------|-----------------------|---------------------------------------|--|
| 2" | 13/16" | 2-5/8" | 2-1/16" | Soft Rubber | 80 | PMN20...ZN-3R | Threaded: 507, 605 Grip Ring: 223, 211 Grip Neck: 302 Plate: 113, 108 |
| | | | | TPR | 80 | PMN20...ZN-TPR | |
| | | | | Hard Rubber | 90 | PMN20...ZN-3H | |
| | | | | Polyurethane | 90 | PMN20...ZN-TPU | |
| | | | | Solid Wall Polyolefin | 90 | PMN20...ZN-3ES | |
| | | | | Polyolefin | 90 | PMN20...ZN-3E | |
| | | | | Vipor | 90 | PMN20...ZN-VPR01(CG) | |
| 2-1/2" | 13/16" | 3-1/8" | 2-1/8" | Soft Rubber | 80 | PMN25...ZN-3R | Threaded: 507, 605 Grip Ring: 223, 211 Plate: 113, 108 |
| | | | | TPR | 80 | PMN25...ZN-TPR | |
| | | | | Hard Rubber | 95 | PMN25...ZN-3H | |
| | | | | Polyurethane | 95 | PMN25...ZN-TPU | |
| | | | | Polyolefin | 95 | PMN25...ZN-3E | |
| 3" | 13/16" | 3-1/2" | 2-1/2" | Soft Rubber | 110 | PMN30...ZN-3R | Threaded: 507, 605 Grip Ring: 223, 211 Plate: 113, 108 |
| | | | | TPR | 110 | PMN30...ZN-TPR | |
| | | | | No-Matic | 110 | PMN30...ZN-NOM | |
| | | | | Hard Rubber | 120 | PMN30...ZN-3H | |
| | | | | Polyurethane | 120 | PMN30...ZN-TPU | |
| | | | | Polyolefin | 120 | PMN30...ZN-3E | |
| | | | | MonoTech | 120 | PMN30...ZN-MNT | |
| Vipor | 120 | PMN30...ZN-VPR01(CG) | | | | | |



²To order, include blue fastener code in Base Model Number. Example: PMN20605ZN-3R



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



General Duty

Features

- Economical mobility solution
- Zinc finish
- RoHS (consult factory)
- Single race
- Nut and bolt axle
- Nickel plated kingpin for smooth swivel

Applications

- Store Fixtures
- Furniture
- Material Handling
- Institutional Equipment
- Industrial Equipment

Options

- Brake: available on all swivel models (excludes steel wheel tread types). Add **[B]** to end of model number.



Environmentally friendly
(Consult factory)



(Consult factory)



Wheel Selection



Soft Rubber
(Black)



Hard Rubber
(Dark Grey)



Polyolefin

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Dynamic Load (Pounds) | Swivel Top Plate Model Number | Rigid Top Plate Model Number | Fastening Selection See page 60-62 for General Duty plate drawings. |
|-------------------------|----------------------|--------------------------|------------------------------|-------------------------|-----------------------|-------------------------------|------------------------------|---|
| 2" | 13/16" | 2-1/2" | 1-13/16" Brake: 2-1/8" | Soft Rubber (Black) | 90 | PSQ20112ZN-3R | PRQ20122ZN-3R | 112 Swivel: 1-7/8" x 2-9/16" 122 Rigid: 1-1/2" x 2-21/32" Bolt Spacing: (15/16" x 2-1/8") 1/4" Bolt |
| | | | | Polyolefin | 125 | PSQ20112ZN-3E | PRQ20122ZN-3E | |
| | | | | Hard Rubber (Dark Grey) | 125 | PSQ20112ZN-3H | PRQ20122ZN-3H | |
| 2-1/2" | 1-1/8" | 3-1/4" | 2-1/4" Brake: 2-3/4" | Soft Rubber (Black) | 100 | PSQ25115ZN-3R | PRQ25123ZN-3R | 115 Swivel: 2-3/4" x 3-7/8" Bolt Spacing: (1-3/4" x 3") 123 Rigid: 2-1/8" x 4-3/8" Bolt Spacing: (1-1/16" x 3-1/2") 5/16" Bolt |
| | | | | Polyolefin | 175 | PSQ25115ZN-3E | PRQ25123ZN-3E | |
| | | | | Hard Rubber (Dark Grey) | 175 | PSQ25115ZN-3H | PRQ25123ZN-3H | |
| 3" | 1-1/4" | 3-13/16" | 2-5/8" Brake: 3-1/4" | Soft Rubber (Black) | 150 | PSQ30119ZN-3R | PRQ30124ZN-3R | 119 Swivel: 3-1/8" x 4-1/8" Bolt Spacing: (2-3/8" x 3-3/8" to 3-7/16") 124 Rigid: 2-5/16" x 4-7/8" Bolt Spacing: (1-3/16" x 4") 5/16" Bolt |
| | | | | Polyolefin | 210 | PSQ30119ZN-3E | PRQ30124ZN-3E | |
| | | | | Hard Rubber (Dark Grey) | 225 | PSQ30119ZN-3H | PRQ30124ZN-3H | |
| 4" | 1-3/8" | 5" | 3-7/16" Brake: 3-9/16" | Soft Rubber (Black) | 200 | PSQ40121ZN-3R | PRQ40125ZN-3R | 121 Swivel: 4" x 5-1/8" Bolt Spacing: (3" x 4") 125 Rigid: 3-1/16" x 6-1/8" Bolt Spacing: (1-3/4" x 5") 3/8" Bolt |
| | | | | Polyolefin | 250 | PSQ40121ZN-3E | PRQ40125ZN-3E | |
| | | | | Hard Rubber (Dark Grey) | 300 | PSQ40121ZN-3H | PRQ40125ZN-3H | |

Swivel Plate



Rigid Plate



Friction Brake

Available on swivel models except steel wheel. Add **[B]** at end of model.



00 Series Low Profile



Features

- Industry leading selection and overall value
- Fast deliveries for any order quantity
- Sleek, low profile design
- Up to 300 lb. capacity per caster
- Dual ball bearing raceways for smooth and dependable swivel
- Many models with polyolefin log wheel are NSF approved (consult factory)

Applications

- Electronic Equipment
- Business Machines
- Store Fixtures
- Laboratory Equipment
- Vending Machines
- Dolly Solutions
- Refrigeration Units

Options

- **Side Lock Brake:** Available on all 2" models. To order, add [B] to end of model.
- **Thumb Screw Brake:** Available by special order; consult factory for details.
- **Finishes:** Zinc plating standard; optional finishes available. Consult factory.



Wheel Selection



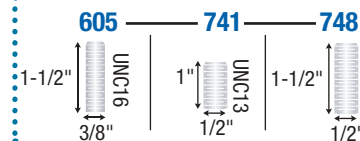
| | | | | | |
|-------------------------------|----|----|---|----|----|
| Floor Protection ¹ | ✓+ | ✓+ | ✓ | ✓ | ✓ |
| Non-Marking | ✓ | ✓+ | ✓ | ✓ | ✓ |
| Durability | ✓ | ✓ | ✓ | ✓+ | ✓+ |
| Cushioned Ride | ✓+ | ✓ | ✓ | ✓ | ✓+ |
| Chemical Resistance | ✓ | ✓ | ✓ | ✓+ | ✓+ |

¹See pages 40 for application details.

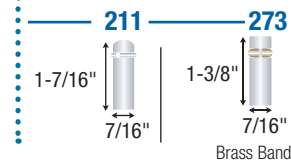
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Dynamic Load (Pounds) | Base Model Number (Add fastener code) | Fastening Selection ² |
|-------------------------|--------------------------------------|---------------------------------|------------------------|-------------------------------|-----------------------|---------------------------------------|---|
| 1-7/16" | 1-11/16" | Stem: 2-1/8" Plate: 2-3/16" | 1-3/4" | Polyolefin Log (Black) | 150 | C0014___ZN-POL01(KK) | Threaded: 605, 741, 748 Grip Ring: 211, 273 Plate: 120 |
| 2" | Dual (each): 13/16" Log: 1-13/16" | Stem: 2-3/4" Plate: 2-13/16" | 2" Brake: 2-15/16" | Soft Rubber Dual (Dark Grey) | 180 | C0020___ZN-SFR01(GG) | Threaded: 605, 741, 748 Grip Ring: 211, 273 Plate: 120 |
| | | | | TPR Dual (Grey) | 180 | C0020___ZN-TPR01(GG) | |
| | | | | Hard Rubber Dual (Loden Grey) | 225 | C0020___ZN-HDR01(GG) | |
| | | | | Polyolefin Dual (Black) | 225 | C0020___ZN-POS01(KK) | |
| | | | | Polyolefin Log (Black) | 300 | C0020___ZN-POL01(KK) | |

²To order, include **blue** fastener code in **Base Model Number**. Example: C0020**605**ZN-SFR01(GG) ▲

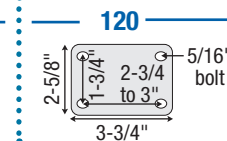
Threaded Stem



Grip Ring Stem



Top Plate



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Side Lock Brake: To order, add [B] to end of model.



New ultra low profile 1-7/16" diameter model now available.



BLS/BMS Series Low Profile

Features

- Designed to achieve the highest load capacity in a sleek, low profile design
- Heavy gauge steel for maximum durability
- Innovative wheel materials for ease of mobility and trusted performance
- RoHS (consult factory)

Applications

- Copiers
- Business Machines
- Vending Machines
- Computer Storage Devices
- Refrigerated Displays
- Electronics Cabinets
- Vending Machines
- Dolly Solutions
- Refrigeration Units

Options

- **Sure-Lok Brake** available on 3" swivel & rigid glass filled nylon and urethane models (swivel radius is 2-5/8"). Add **[SL]** to end of model number.
- **Thumb Screw Brake** available on 3" swivel models (swivel radius 2-7/16"). Add **[B]** to end of model number.



Environmentally friendly (consult factory)



Wheel Selection

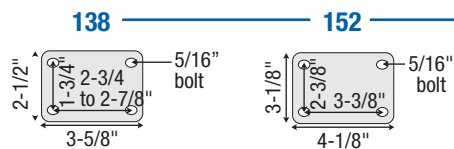


| | Polyolefin (2-1/2" models) | Phenolic (2-3/8" and 3" models) | Glass Filled Nylon (3" models) | Urethane (55-65 Shore D Durometer) (3" models) |
|-------------------------------|----------------------------|---------------------------------|--------------------------------|--|
| Floor Protection ¹ | ✓ | ✓ | ✓ | ✓+ |
| Non-Marking | ✓ | ✓ | ✓ | ✓+ |
| Durability | ✓+ | ✓ | ✓+ | ✓+ |
| Ease of Rolling | ✓ | ✓ | ✓+ | ✓ |
| Chemical Resistance | ✓+ | | ✓+ | ✓+ |

¹See pages 40 for application details.

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Dynamic Load (Pounds) | Bearing Type | Swivel Top Plate Model Number | Rigid Top Plate Model Number | Fastening Selection |
|-------------------------|----------------------|--------------------------|------------------------|--------------------|-----------------------|----------------|-------------------------------|------------------------------|---------------------|
| 2-3/8" | 1-5/8" | 3-7/32" | 2-3/32" | Phenolic | 600 | Roller | BLS23138TZ-PHN51(KK) | BLR23138TZ-PHN51(KK) | Plate: 138 |
| 2-1/2" | 1-3/4" | 3-5/16" | 2-1/4" | Polyolefin | 400 | Roller | BLS25138TZ-POL51(KK) | BLR25138TZ-POL51(KK) | Plate: 138 |
| BLS: 3" | 1-13/16" | 3-31/32" | 2-5/16" | Phenolic | 700 | Roller | BLS30152TZ-PHN51(KK) | BLR30152TZ-PHN51(KK) | Plate: 152 |
| | | | | Glass Filled Nylon | 700 | Precision Ball | BLS30152TZ-GFN61(KK) | BLR30152TZ-GFN61(KK) | |
| | | | | Urethane | 700 | Roller | BLS30152TZ-SPU51(GG) | BLR30152TZ-SPU51(GG) | |
| BMS: 3" | 1-13/16" | 4-1/32" | 2-5/16" | Phenolic | 900 | Roller | BMS30152TZ-PHN51(KK) | BMR30152TZ-PHN51(KK) | Plate: 152 |
| | | | | Glass Filled Nylon | 1,000 | Precision Ball | BMS30152TZ-GFN61(KK) | BMR30152TZ-GFN61(KK) | |
| | | | | Urethane | 1,000 | Roller | BMS30152TZ-SPU51(GG) | BMR30152TZ-SPU51(GG) | |

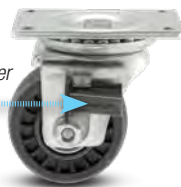
Top Plate



Braking is now elementary:

The Sure-Lok Brake is a revolutionary new mechanical brake design that easily engages with the simple push of a finger, securely locking the wheel in its place. Don't spend unnecessary time and effort tightening down a thumb-screw brake again; order your next business machine casters with Sure-Lok Brakes. To order, add **[SL]** to the end of your 3" swivel or rigid model number.

Moving lever forward engages brake



BDS/BDR



Features

- Sleek, low profile design
- Easy pivoting action
- Dual ball raceways protected by dust cap
- Heat treated
- High luster chrome finish
- Precision bearing wheels for ultimate mobility
- Full thread guards on all 2-1/2" neoprene models

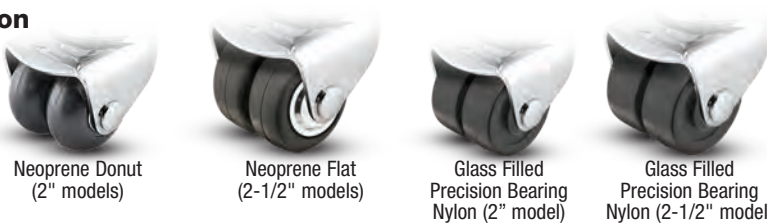
Applications

- Theatrical Equipment
- Computer Frames
- Electronic Enclosures
- Copy Machines
- Business Machines
- Medical Equipment
- Fixtures and Displays

Options

- Additional fastenings available by special order. Please contact factory for additional information and minimums.

Wheel Selection



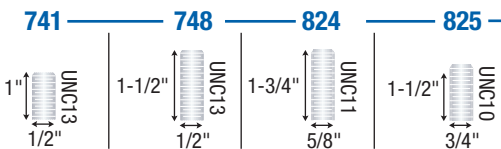
| | | | | |
|-------------------------------|----|----|----|----|
| Floor Protection ¹ | ✓+ | ✓+ | ✓ | ✓ |
| Non-Marking | ✓+ | ✓+ | ✓+ | ✓+ |
| Durability | ✓+ | ✓+ | ✓+ | ✓+ |
| Cushioned Ride | ✓+ | ✓+ | | |
| Chemical Resistance | ✓ | ✓ | ✓+ | ✓+ |

¹See pages 40 for application details.

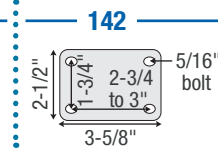
| Wheel Diameter (Inches) | Tread Width* (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Bearing Type | Dynamic Load (Pounds) | Base Model Number (Add fastening code) | Fastening Selection ² |
|-------------------------|-----------------------|--------------------------|------------------------|--------------------|----------------|-----------------------|--|--|
| 2" | Each wheel: 1" | Stem: 3-3/16" | 2-1/4" | Neoprene (Donut) | Precision Ball | 300 | BDS20___BC-NPR31(KK) | Threaded: 741, 748, 824, 825 Plate: 142 Hollow Kingpin: 400 |
| | | Plate: 3-5/16" | | Glass Filled Nylon | Precision Ball | 400 | BDS20___BC-GFN31(KK) | |
| 2-1/2" | Each wheel: 1" | Stem: 3-3/4" | 2-1/2" | Neoprene (Flat) | Precision Ball | 300 | BDS25___BC-NPR33(KK) | |
| | | Plate: 3-7/8" | | Glass Filled Nylon | Precision Ball | 400 | BDS25___BC-GFN31(KK) | |

²To order, include blue fastener code in Base Model Number. Example: BDS20**741**BC-NPR31(KK) ▲

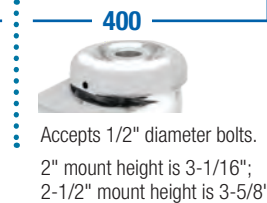
Threaded Stem



Top Plate



Hollow Kingpin



Rigid plate: change 3rd digit to "R." Example: BDR20142BC-NPR31(KK)



Omega

Features

- Precision ball bearing wheels for smooth, quiet, and easy rollability
- Fully heat treated
- Dual ball bearing raceways
- High luster chrome or black finish
- Matching thread guards

Applications

- Furniture
- IV Poles
- Seating
- Medical Equipment
- Electronic Equipment

Options

- **Brakes:** Tread brake uniformly integrated into body design for smooth look and ease of activation. Add **[B]** to end of model.
- **Bolt-In Stems:** available for 403 hollow kingpin models.



Wheel Selection



| | Vipor | NPR | MonoTech |
|-------------------------------|-------|-----|----------|
| Floor Protection ¹ | ✓+ | ✓+ | ✓+ |
| Non-Marking | ✓+ | ✓+ | ✓+ |
| Durability | ✓+ | ✓+ | ✓+ |
| Cushioned Ride | ✓ | ✓+ | ✓+ |
| Chemical Resistance | ✓+ | ✓ | ✓+ |

¹See pages 40 for application details.

Finish Selection



Bright Chrome

Black

Black finish available on 3" MonoTech models; consult factory for other requirements.

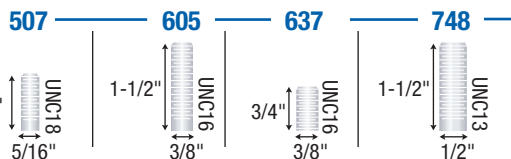
MonoTech Facts

1. Provides ultimate floor protection and a quiet, cushioned ride.
2. Rolls over obstacles with ease.
3. Will not flat spot and is excellent on any floor type.
4. Rejects floor debris, including metal shavings and glass.

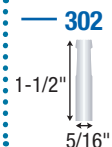
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Finish | Dynamic Load (Pounds) | Base Model Number (Add fastener code) | Fastening Selection ² |
|-------------------------|----------------------|--------------------------|------------------------|------------|---------------|-----------------------|---------------------------------------|---|
| 2" | 15/16" | 2-3/4" | 2" | Neoprene | Bright Chrome | 75 | POM20___BC-NPR | Threaded: 507, 637, 605 Grip Ring: 223 |
| | | | Brake: 2-1/2" | | | | | |
| 3" | 15/16" | 3-7/8" | 2-7/8" | MonoTech | Bright Chrome | 110 | POM30___BC-MNT | Threaded: 507, 605, 637, 748 Grip Neck: 302 Round: 419 Grip Ring: 242, 222, 223, 211 Hollow Kingpin: 403 Plate: 134 |
| | | | Brake: 3-1/8" | MonoTech | Black | 110 | POM30___BZ-MNT | |
| | | | | Vipor | Bright Chrome | 120 | POM30___BC-VPR33(CK) | |

²To order, include blue fastener code in Base Model Number. Example: POM30507BC-MNT

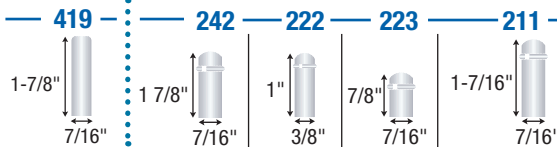
Threaded Stem



Grip Neck Round



Grip Ring



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.

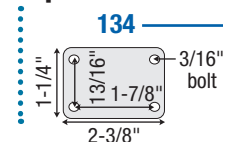


3" brake model

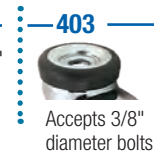
2" standard and brake model



Top Plate



Hollow Kingpin



Razer (RZ)



Features

- Attractive and economical total lock brake series with matching swivel
- Polished chrome finish
- Double ball bearing swivel raceways for smooth mobility and strength
- Full metal thread guards standard (except 2" diameter models) for protection against entangling debris
- Nut and bolt axle

Applications

- Carts
- Furniture
- Store fixtures
- Institutional equipment
- Medical equipment

Options

- **Total lock brake** locks both wheel and swivel action simultaneously.



Wheel Selection



TPR Grey

| | |
|-------------------------------|----|
| Floor Protection ¹ | ✓+ |
| Non-Marking | ✓+ |
| Durability | ✓ |
| Cushioned Ride | ✓ |
| Chemical Resistance | ✓ |

¹See pages 40 for application details.

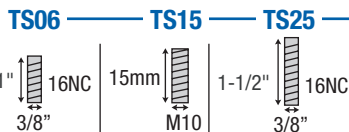
Available in powder coated colors. Consult factory for minimum order quantities.



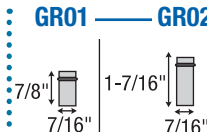
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Bearing Type | Dynamic Load (Pounds) | Swivel Base Model Number (Add fastening code) | Total Lock Brake Base Model Number (Add fastening code) | Fastening Selection ² |
|-------------------------|----------------------|---------------------------------|------------------------|------------|--------------|-----------------------|---|---|--|
| 2" | 3/4" | Stem: 2-3/4" Plate: 2-13/16" | 1.95" Brake: 3.23" | TPR Grey | Plain | 120 | RZ02TPN070SW- ____ | RZ02TPN070TL- ____ | Plate: TP06 Threaded: TS06, TS15, TS25 Grip Ring: GR01, GR02 Hollow Kingpin: HK04 |
| 3" | 7/8" | Stem: 3.98" Plate: 4.07" | 2.85" Brake: 3.90" | TPR Grey | Ball Bearing | 120 | RZ03TPP090SW- ____ | RZ03TPP090TL- ____ | Plate: TP05 Hollow Kingpin: HK04 |
| 4" | 7/8" | Stem: 4.84" Plate: 4.92" | 3.35" Brake: 4.19" | TPR Grey | Ball Bearing | 120 | RZ04TPP090SW- ____ | RZ04TPP090TL- ____ | |
| 5" | 7/8" | Stem: 5.95" Plate: 6.04" | 3.84" Brake: 4.19" | TPR Grey | Ball Bearing | 120 | RZ05TPP090SW- ____ | RZ05TPP090TL- ____ | |

²To order, include blue fastener code in Base Model Number. Example: RZ02TPN070SWTS06

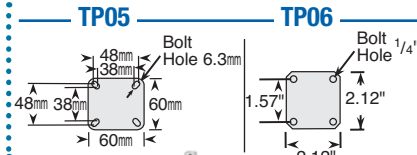
Threaded Stem



Grip Ring



Top Plate



Hollow Kingpin



Eclipse

Features

- Strong glass filled nylon body
- Sleek stylish design
- Full thread guards available on all thermoplastic rubber wheel models
- Nut and bolt axle

Applications

- POP Displays
- Furniture
- Utility Carts
- Store Fixtures
- Seating
- Medical Equipment

Options

- **Brake:** Tread brake uniformly integrated into body design for smooth look and ease of activation. See below chart for model numbers.
- **RoHS Compliant:** available by special order, minimums may apply.
- **Stainless Steel Components:** available by special order; minimums apply.



Wheel Selection



Flat Grey Polyurethane (TPU)



Flat Black Polyurethane (TPU)



Donut Black Polyurethane

| | | | |
|-------------------------------|----|----|----|
| Floor Protection ¹ | ✓+ | ✓+ | ✓+ |
| Non-Marking | ✓+ | ✓+ | ✓+ |
| Durability | ✓+ | ✓+ | ✓+ |
| Cushioned Ride | ✓ | ✓ | ✓+ |
| Chemical Resistance | ✓+ | ✓+ | ✓+ |

¹See pages 40 for application details.

Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Connects casters to wood



Connects casters to round tubes



Connect casters to PVC pipe legs



Weldable caster mount



Connects casters to square tubes

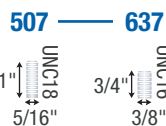


Corner brackets

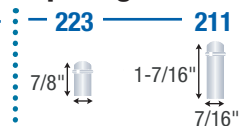
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Bearing Type | Dynamic Load (Pounds) | Swivel Base Model Number (Add fastening code) | Brake Base Model Number (Add fastening code) | Fastening Selection ² |
|-------------------------|----------------------|--------------------------|------------------------|----------------------|----------------|-----------------------|---|--|----------------------------------|
| 3" | 1" | 4-5/16" | 2-1/2" | Flat Black TPU | Delrin | 120 | PEC30___BK-TPU03(KK) | PEC30___BK-TPU03(KK)B | Threaded: 507, 637 |
| | | | | Flat Grey TPU | Delrin | 120 | PEC30___GR-TPU03(GG) | PEC30___GR-TPU03(GG)B | |
| | | | Brake: 3-1/8" | Donut Black Urethane | Precision Ball | 120 | PEC30___BK-SKW31(KK) | PEC30___BK-SKW31(KK)B | Grip Ring: 211, 223 |
| 4" | 1" | 5-3/8" | 3-1/4" | Flat Black TPU | Delrin | 125 | PEC40___BK-TPU03(KK) | PEC40___BK-TPU03(KK)B | Threaded: 507, 637 |
| | | | | Flat Grey TPU | Delrin | 125 | PEC40___GR-TPU03(GG) | PEC40___GR-TPU03(GG)B | |

²To order, include blue fastener code in Base Model Number. Example: PEC30507BK-TPU03(KK)

Threaded



Grip Ring



Optimus



Features

- Integrated thread guard design on caster body plus additional wheel thread guards
- Nylon body construction
- Riveted axle
- Non-marking resilient rounded tread Performa rubber wheels

Applications

- Fixtures
- Furniture
- Office Equipment
- Laboratory Equipment
- IV Stands
- Mobile Computer Stands
- Medical Equipment

Options

- Additional fastenings available by special order; please consult factory.
- Additional colors available by special order; please consult factory.

Wheel Selection



Performa Rubber

| | |
|---------------------|----|
| Floor Protection | ✓+ |
| Non-Marking | ✓+ |
| Durability | ✓+ |
| Quiet/Cushion Roll | ✓+ |
| Chemical Resistance | ✓+ |

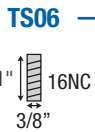
Performa Rubber Facts

1. Quiet rolling
2. Non-marking floor protection
3. Rejects floor debris

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Dynamic Load (Pounds) | Swivel Base Model Number (Add fastening code) | Face Brake Base Model Number (Add fastening code) | Fastening Selection* |
|-------------------------|----------------------|--------------------------|------------------------|-----------------|-----------------------|---|---|---|
| 3-1/8" | 1" | 4-9/32" | 3-3/4" | Performa Rubber | 140 | OP-03PRN-100-SW-____ | OP-03PRN-100-FB-____ | Threaded: TS06 Grip Ring: GR01, GR02 |

*To order, include **blue** fastener code in **Base Model Number**. Example: OP-03PRN-100-SW-**TS06**

Threaded



Grip Ring



Free swivel model



Tread brake model



Genesis

Clean • Quiet • Effortless

Features

- Sealed precision bearings in swivel and wheel provide quiet, effortless mobility
- Soft (65A), non-marking MonoTech wheels reject debris and are excellent on both carpet and hard floors
- Strong protective body conceals components for easy cleaning
- Integrated thread guards protect wheels from entangling debris

Applications

- Computer Carts
- Laboratory Equipment
- Audio/Video Carts
- Electronic Equipment
- Medical Carts
- Monitoring Equipment Stands
- IV Poles

Options

- **Integrated Tread Brake:** Available on all models.
- **Central Locking** Total Lock Brake available by special order; contact factory for details.
- **Custom Colors available** by special order; contact factory for minimums.
- **Additional Fastenings:** Does your application require a metric or special fastening? Please contact us for minimums and availability.



Wheel Selection



MonoTech

| | |
|---------------------|----|
| Floor Protection | ✓+ |
| Non-Marking | ✓+ |
| Durability | ✓+ |
| Quiet/Cushion Roll | ✓+ |
| Chemical Resistance | ✓+ |

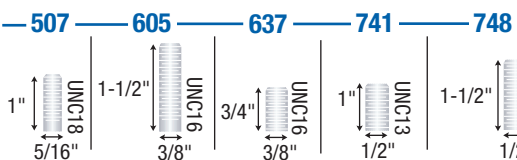
MonoTech Facts

1. Provides ultimate floor protection and a quiet, cushioned ride.
2. Rolls over obstacles with ease.
3. Will not flat spot and is excellent on any floor type.
4. Rejects floor debris, including metal shavings and glass.

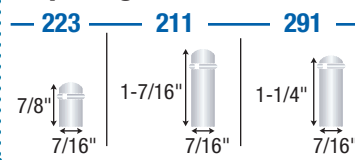
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Finish | Dynamic Load (Pounds) | Swivel Base Model Number (Add fastening code) | Tread Brake Model Number (Add fastening code) | Fastening Selection* |
|-------------------------|----------------------|-------------------------------|---------------------------|------------|--------|-----------------------|---|---|---|
| 3" | 1" | 4" | 2-15/16" Brake: 3-3/4" | MonoTech | White | 110 | PGE30___WH-MNT33(GG) | PGE30___WH-MNT33(GG)B | Threaded: 507, 605, 637, 748 Grip Ring: 223, 211 |
| | | | | MonoTech | Grey | 110 | PGE30___GR-MNT33(GG) | PGE30___GR-MNT33(GG)B | |
| | | | | MonoTech | Black | 110 | PGE30___BK-MNT33(KK) | PGE30___BK-MNT33(KK)B | |
| 4" | 1-1/4" | Stem: 5-3/8" Plate: 5-5/8" | 3-3/4" Brake: 4-1/8" | MonoTech | White | 225 | PGE40___WH-MNT63(GG) | PGE40___WH-MNT63(GG)B | Threaded: 741, 748 Grip Ring: 291 Plate: 120 |
| | | | | MonoTech | Grey | 225 | PGE40___GR-MNT63(GG) | PGE40___GR-MNT63(GG)B | |
| | | | | MonoTech | Black | 225 | PGE40___BK-MNT63(KK) | PGE40___BK-MNT63(KK)B | |

*To order, include blue fastener code in Base Model Number.
Example: PGE30**507**WH-MNT33(GG)

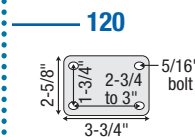
Threaded Stem



Grip Ring



Top Plate

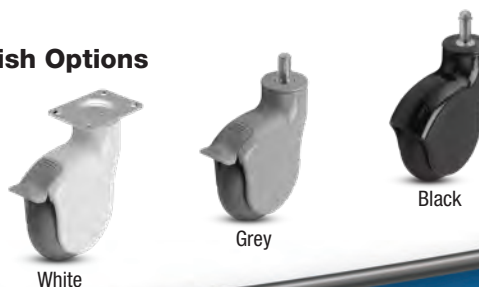


Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Finish Options



Nylon



RoHS
Environmentally friendly
(Consult factory)

Features

- Maintenance free
- Sealed precision bearing raceway, smooth and quiet
- Wheels feature sealed precision ball bearings and full thread guards
- Resistance to most chemicals
- Zinc plated top plate
- Recessed axle with plastic cap covers

Applications

- Laboratory Equipment
- IV Stands
- Mobile Computer Stands
- Medical Equipment
- Medical Furniture

Options

- **Total Lock Brake** models lock both swivel and wheel
- **Directional lock** models lock swivel only (helps with steering)
- Additional fastenings available by special order; please consult factory.
- Additional colors available by special order; please consult factory.

Wheel Selection



QuikStart TPR



Anti-Microbial TPR



Santoprene

| | | | |
|---------------------|----|----|----|
| Floor Protection | ✓+ | ✓+ | ✓+ |
| Non-Marking | ✓+ | ✓+ | ✓+ |
| Durability | ✓+ | ✓+ | ✓+ |
| Cushioned Ride | ✓+ | ✓+ | ✓+ |
| Chemical Resistance | ✓ | ✓ | ✓ |



Custom Colors Available

Next Generation Stainless:

304 stainless steel top plates and components for better corrosion protection. Change NG to **NS** in chart at right.



Next Generation Antistatic:

Helps minimize the risk of electrostatic discharge. Change NG to **NA** in chart at right.



Next Generation Non-Magnetic:

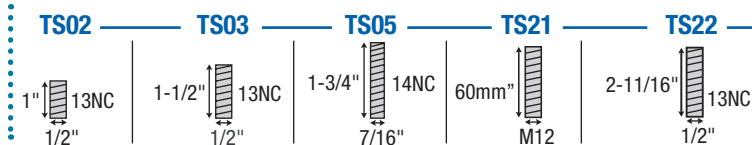
Components are made of non-magnetic plastic and metals. Change NG to **NM** in chart at right.



| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Wheel Bearing | Dynamic Load (Pounds) | Swivel Base Model Number (Add fastening code) | Total Lock Model Number (Add fastening code) | Fastening Selection* | |
|-------------------------|----------------------|--------------------------|------------------------|----------------|--------------------|-----------------------|---|--|--|----------------|
| 3" | 1-1/4" | Stem: 4-7/32" | 2-13/16" | QuikStart TPR | Precision Ball | 200 | NG-03QDPSW-___ | NG-03QDPTL-___ | Threaded: TS02, TS03, TS05, TS21, TS22 Hollow Kingpin: HKU1 (Unassembled), HK01 (Assembled) Grip Ring: GR01, GR02, GR04, GR05, GR07, GR09, GR10 Plate: TP01 | |
| | | Plate: 4-1/4" | | Brake: 3-3/4" | QuikStart TPR | Plain | 200 | NG-03QDOSW-___ | | NG-03QDOTL-___ |
| | | Anti-Microbial TPR | | Precision Ball | 200 | NG-03AMPSW-___ | NG-03AMPTL-___ | | | |
| 4" | 1-1/4" | Stem: 5-13/32" | 3-7/16" | QuikStart TPR | Precision Ball | 275 | NG-04QDPSW-___ | NG-04QDPTL-___ | | |
| | | Plate: 5-3/4" | | Brake: 4-7/16" | Anti-Microbial TPR | Precision Ball | 275 | NG-04AMPSW-___ | | NG-04AMPTL-___ |
| 5" | 1-1/4" | Stem: 6-1/2" | 4" | Santoprene | Precision Ball | 260 | NG-05RPPSW-___ | NG-05RPPTL-___ | | |
| | | Plate: 6-7/8" | | Brake: 4-7/16" | QuikStart TPR | Precision Ball | 300 | NG-05QDPSW-___ | | NG-05QDPTL-___ |
| | | Anti-Microbial TPR | | Precision Ball | 300 | NG-05AMPSW-___ | NG-05AMPTL-___ | | | |
| 6" | 1-1/4" | Stem: 7-1/2" | All: 4-9/16" | QuikStart TPR | Precision Ball | 300 | NG-06QDPSW-___ | NG-06QDPTL-___ | | |
| | | Plate: 7-11/16" | | QuikStart TPR | Plain | 300 | NG-06QDOSW-___ | NG-06QDOTL-___ | | |
| | | Anti-Microbial TPR | | Precision Ball | 300 | NG-06AMPSW-___ | NG-06AMPTL-___ | | | |

*To order, include blue fastener code in **Base Model Number**. Example: NG-03QDP-125-SW-**TS02**

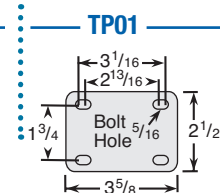
Threaded



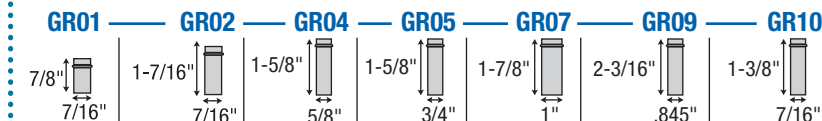
Hollow Kingpin



Top Plate



Grip Ring



Rigid plate model available for 3", 5" and 6" diameter wheels. Change SW to **RG**. Example: NG-03QDP-125-**RG**-TS02



Rigid brake model available on 5" models. Change TL to **RB**. Example: NG-03QDP-125-**RB**-TS02

Optional round, square and expanding adapter stems along with many **other fastening** selections are available. Consult factory.

Total Lock brakes lock wheel and swivel (see chart)



Direction lock brakes lock swivel only for easier steering. Change TL to **DL** in chart above. Example: NG-05QDP-125-**DL**-TP01



Ball Metal Tread



Features

- Industry leading selection and overall value
- Fast deliveries for any order quantity
- Self-lubricating acetyl resin bearing
- No exposed axle

Applications

- Store Fixtures
- Furniture
- Office Equipment
- Medical Equipment

Options

- **Brake** 2-1/2" diameter models.
- **Tred-Gard®** cover protects tread from scratches during manufacturing and shipping. To order add [-T] to end of Part Number. Available for 2" and 2-1/2" models. For field installable Tred-Gards order **001391** for 2" and **001550** for 2-1/2" models.

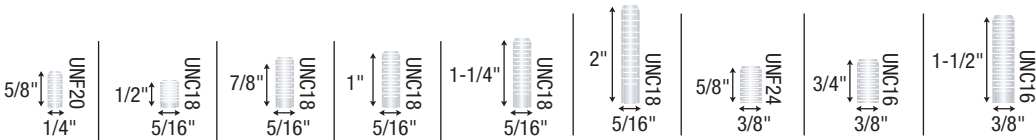


| Wheel Diameter (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Finish Type | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Brake Model # (Add fastening code) | Fastening Selection* |
|-------------------------|--|------------------------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--|
| 2-1/2" Planet | Thread: 2-13/16" Grip Ring/Grip Neck: 2-11/16" Plate: 3" | 1-7/8" Brake: 2-5/16" | Bright Brass | 100 | PPL25___BB | PPL25___BB-B | Threaded: 512, 525, 526, 545, 605, 637, 639 Grip Neck: 302 Grip Ring: 211, 222, 223 Plate: 101, 113 |
| | | | Bright Chrome | 100 | PPL25___BC | PPL25___BC-B | |
| | | | Windsor Antique | 100 | PPL25___WA | PPL25___WA-B | |

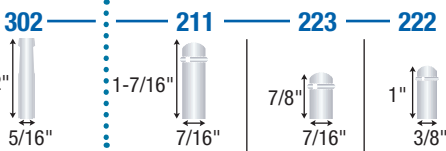
*To order, include blue fastener code in Base Model Number. Example: PST150525BB

Threaded Stem

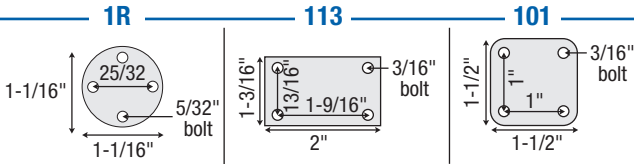
828 — 525 — 545 — 507 — 526 — 512 — 639 — 637 — 605



Grip Neck Grip Ring



Top Plate



Bright Chrome



Bright Brass



Windsor Antique



Special colors such as satin chrome and others available - consult factory for MOQ.

Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Ball Soft Tread

Features

- Industry leading selection and overall value
- Fast deliveries for any order quantity
- Self-lubricating acetyl resin bearing
- No exposed axle
- Rubber tread; Urethane for 1-9/16" diameter models

Applications

- Store Fixtures
- Furniture
- Office Equipment
- Medical Equipment

Options

- **Brake:** 3" diameter models only.
- Unfinished available
- **Locking Pin:** Available on 3" non-brake unfinished models. To order change "PSN" to "PNL" in Model Number.



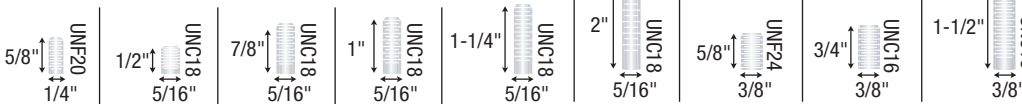
| Wheel Diameter (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Finish Type | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Brake Model # (Add fastening code) | Fastening Selection* |
|-------------------------|-----------------------------|---------------------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--|
| 3" Saturn | Thread: 3" | 2-1/16" Brake: 2-5/16" | Bright Brass | 100 | PSN30___BB | PSN30___BB-B | Threaded: 512, 525, 526, 545, 605, 637, 639 Grip Neck: 302 Grip Ring: 211, 222, 223 Plate: 101, 113 |
| | Grip Ring/Grip Neck: 2-7/8" | | Bright Chrome | 100 | PSN30___BC | PSN30___BC-B | |
| | Plate: 3-3/16" | | Windsor Antique | 100 | PSN30___WA | PSN30___WA-B | |

*To order, include blue fastener code in Base Model Number. Example: PCM40525BB



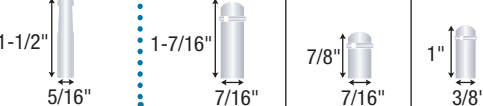
Threaded Stem

828 — 525 — 545 — 507 — 526 — 512 — 639 — 637 — 605



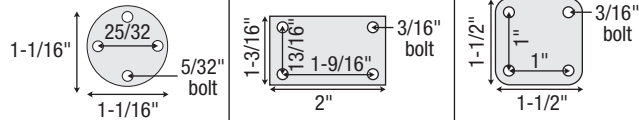
Grip Neck Grip Ring

302 — 211 — 223 — 222



Top Plate

1R — 113 — 101



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Special colors such as satin chrome and others available - consult factory for MOQ.

Baron



Features

- Double ball bearing raceways
- Octagon washer on threaded stem for easy installation
- 2" model is heat treated

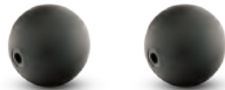
Applications

- Store Fixtures
- Furniture
- Office Equipment
- Medical Equipment

Options

- RoHS compliant zinc finish available by special order; please consult factory for details.

Wheel Selection

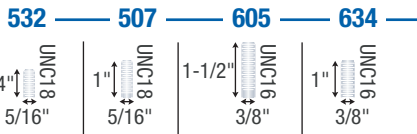


1-5/8" Spherical Soft Rubber 2" Spherical Polyolefin

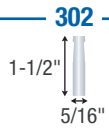
| Wheel Diameter (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Finish Type | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Fastening Selection* |
|-------------------------|--------------------------|------------------------|-----------------------|-----------------|-----------------------|-----------------------------------|--|
| 1-5/8" | 2-5/16" | 1-3/4" | Spherical Soft Rubber | Metalized Brass | 70 | PBH16___MB-3RD | Threaded: 532, 507 Grip Neck: 302 |
| | | | | Windsor Antique | 70 | PBH16___WA-3RD | Grip Ring: 223, 211 Plate: 113 |
| 2" | 2-5/8" | 2-1/4" | Spherical Polyolefin | Bright Chrome | 80 | PBH20___BC-3ED | Threaded: 532, 507, 634, 605 |
| | | | | Metalized Brass | 80 | PBH20___MB-3ED | Grip Neck: 302 |
| | | | | Windsor Antique | 80 | PBH20___WA-3ED | Grip Ring: 222, 223, 211 Plate: 113 |

*To order, include blue fastener code in Base Model Number. Example: PBH16507MB-3RD

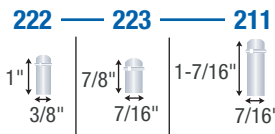
Threaded



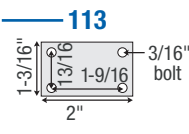
Grip Neck



Grip Ring



Top Plate



Finish Options



Metalized Brass



Windsor Antique



Bright Chrome

Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Connects casters to wood



Connects casters to round tubes



Connect casters to PVC pipe legs



Weldable caster mount



Connects casters to square tubes



Corner brackets

Shepherd Caster Design

Successful product development begins with good design and understanding the environment in which the casters will be used. Our product engineers collaborate with the customer to fully understand their needs. The team then creates an initial product design, taking into account all durability, environmental and aesthetic parameters. All designs are done three dimensionally for ease of viewing and structural analysis. Once this process is complete, the product is prototyped for additional testing and evaluation. Utilizing electronic design techniques, the latest materials and prototyping technologies allows us to quickly and cost effectively develop products that fit the customers needs. The process also allows our customer to fully incorporate the caster into their design.



Softech

RoHS
Environmentally friendly
(Consult factory)



Features

- Soft 70-75/A durometer tread constructed of high-tech thermoplastic elastomer
- High load ratings
- Quiet mobility
- Riveted axle for positive wheel retention
- Floor protective and non-marking

Applications

- Store Fixtures
- Electronic Equipment
- Audio/Visual Equipment
- Furniture
- Medical Equipment

Options

- **Brake** available for all models; see chart for ordering details.



Finish Options



Black



Grey



Special Feature Selection

Softech EZ-Clean

Innovative design allows you to remove the axle caps so you can disassemble a nut and bolt axle to clean the caster from any entangling debris. Ideal for shower chair applications and other applications requiring frequent cleaning to prolong caster life. Minimum order quantities may apply.



Socket Options



Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Connects casters to wood



Connects casters to round tubes



Connects casters to square tubes



Weldable caster mount



Metal T nut



Connect casters to PVC pipe legs



Connect casters to threaded pipes



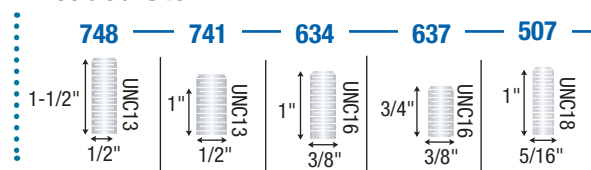
Corner brackets

Continued from previous page

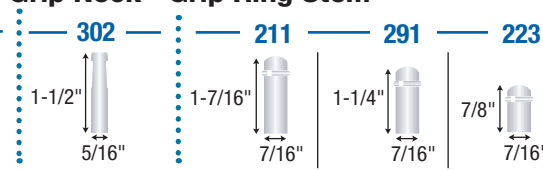
| Wheel Diameter (mm) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Finish Type | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Brake Base Model # (Add fastening code) | Fastening Selection* |
|---------------------|--|---------------------------|-------------------------|---------------------------|-----------------------|-----------------------------------|---|--|
| 50mm | Stem: 2-1/4" Plate: 2-3/8" | 1-13/16" Brake: 2-3/8" | Thermoplastic Elastomer | Black Body/Black Tread | 75 | PSF50___BK | PSF50___BK-B | Threaded: 507, 637, 634, 651 Grip Neck: 302 Grip Ring: 223, 211, 273, 202 Plate: 101 |
| | | | | Grey Body/Dark Grey Tread | 75 | PSF50___GR | PSF50___GR-B | |
| 60mm | Stem: 2-5/8" Plate: 2-3/4" | 2-1/16" Brake: 2-1/2" | Thermoplastic Elastomer | Black Body/Black Tread | 100 | PSF60___BK | PSF60___BK-B | Threaded: 507, 637, 634, 651 Grip Neck: 302 Grip Ring: 223, 211, 273, 202 Plate: 101 |
| | | | | Grey Body/Dark Grey Tread | 100 | PSF60___GR | PSF60___GR-B | |
| 75mm | Threaded: 3-1/4" Grip Neck/Ring: 3-3/16" Plate: 3-1/2" | 2-1/2" Brake: 3-3/16" | Thermoplastic Elastomer | Black Body/Black Tread | 165 | PSF75___BK | PSF75___BK-B | Threaded: 507, 637, 634, 741, 748, 651 Grip Neck: 302 Grip Ring: 223, 291, 211, 273, 202 Plate: 101, 116, 120 |
| | | | | Grey Body/Dark Grey Tread | 165 | PSF75___GR | PSF75___GR-B | |
| 100mm | Threaded: 4-3/8" Grip Ring: 4-5/16" Plate: 4-5/8" | 3-5/8" Brake: 4-1/2" | Thermoplastic Elastomer | Black Body/Black Tread | 225 | PSF100___BK | PSF100___BK-B | Threaded: 637, 634, 741, 748 Grip Ring: 223, 291, 211 Plate: 116, 120 |
| | | | | Grey Body/Dark Grey Tread | 225 | PSF100___GR | PSF100___GR-B | |
| 125mm | Threaded: 5-7/16" Grip Ring: 5-5/16" Plate: 5-5/8" | 4-1/2" Brake: 5-1/8" | Thermoplastic Elastomer | Black Body/Black Tread | 225 | PSF125___BK | PSF125___BK-B | Threaded: 741, 748 Grip Ring: 291, 211 Plate: 116, 120 |
| | | | | Grey Body/Dark Grey Tread | 225 | PSF125___GR | PSF125___GR-B | |

*To order, include blue fastener code in Base Model Number. Example: PSF50507BK

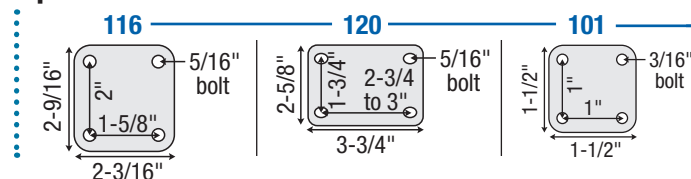
Threaded Stem



Grip Neck Grip Ring Stem



Top Plate



Ultima Nylon



RoHS
Environmentally friendly
(Consult factory)

Features

- Contemporary design
- Choice of nylon or urethane wheel (see next page for Urethane)
- Riveted axle for positive wheel retention on all except for 50mm and 60mm models for added durability

Applications

- Store Fixtures
- Utility Carts
- Furniture
- Office Equipment
- Medical Equipment

Options

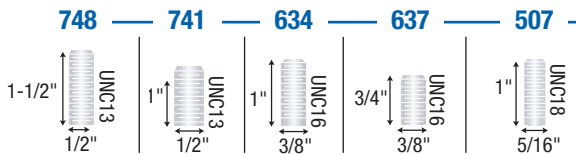
- Brake available for all models.



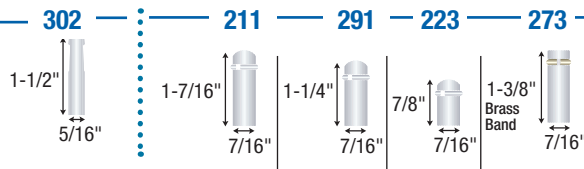
| Wheel Diameter (mm) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Brake Model # (Add fastening code) | Fastening Selection* |
|---------------------|--|---------------------------|----------------|-----------------------|-----------------------------------|------------------------------------|---|
| 50mm | Stem: 2-1/4" Plate: 2-3/8" | 1-13/16" Brake: 2-3/8" | Nylon | 75 | PUT50___BK | PUT50___BK-B | Threaded: 507, 637, 634 Grip Neck: 302 Grip Ring: 223, 211, 273 Plate: 101 |
| 60mm | Stem: 2-5/8" Plate: 2-3/4" | 2-1/16" Brake: 2-1/2" | Nylon | 100 | PUT60___BK | PUT60___BK-B | Threaded: 507, 637, 634, 741, 748 Grip Neck: 302 Grip Ring: 223, 211, 291 Plate: 101, 116, 120 |
| 75mm | Stem: 3-1/4" Plate: 3-1/2" | 2-1/2" Brake: 3-3/16" | Nylon | 165 | PUT75___BK | PUT75___BK-B | Threaded: 637, 634, 741, 748 Grip Neck: 302 Grip Ring: 223, 291, 211 Plate: 116, 120 |
| 100mm | Thread: 4-3/8" Grip Ring: 4-5/16" Plate: 4-5/8" | 3-5/8" Brake: 4-1/2" | Nylon | 175 | PUT100___BK | PUT100___BK-B | Threaded: 741, 748 Grip Neck: 302 Grip Ring: 291, 211 Plate: 116, 120 |
| 125mm | Thread: 5-7/16" Grip Ring: 5-5/16" Plate: 5-5/8" | 4-1/2" Brake: 5-1/8" | Nylon | 180 | PUT125___BK | PUT125___BK-B | Threaded: 741, 748 Grip Neck: 302 Grip Ring: 291, 211 Plate: 116, 120 |

*To order, include blue fastener code in Base Model Number.
Example: PUT50**507**BK

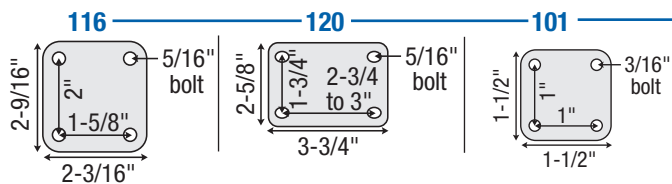
Threaded Stem



Grip Neck Grip Ring Stem



Top Plate



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Ultima Urethane

Features

- Contemporary design
- Urethane wheels provide added floor protection (see previous page for Nylon models).
- Riveted axle for positive wheel retention on all urethane models for added durability and caster life

Applications

- Store Fixtures
- Utility Carts
- Furniture
- Office Equipment
- Medical Equipment

Options

- Brake available for all models.

RoHS
Environmentally friendly
(Consult factory)

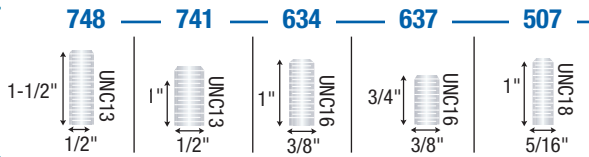


| Wheel Diameter (mm) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Brake Model # (Add fastening code) | Fastening Selection* |
|---------------------|--|---------------------------|----------------|-----------------------|-----------------------------------|------------------------------------|---|
| 50mm | Stem: 2-1/4" Plate: 2-3/8" | 1-13/16" Brake: 2-3/8" | Urethane | 75 | PUT50___BK-U | PUT50___BK-BU | Threaded: 507, 637, 634 Grip Neck: 302 Grip Ring: 223, 211, 273 Plate: 101 |
| 60mm | Stem: 2-5/8" Plate: 2-3/4" | 2-1/16" Brake: 2-1/2" | Urethane | 100 | PUT60___BK-U | PUT60___BK-BU | Threaded: 507, 637, 634, 741, 748 Grip Neck: 302 Grip Ring: 223, 211, 291 Plate: 101, 116, 120 |
| 75mm | Thread: 4-3/8" Grip Ring: 4-5/16" Plate: 4-5/8" | 3-5/8" Brake: 4-1/2" | Urethane | 175 | PUT100___BK-U | PUT100___BK-BU | Threaded: 741, 748 Grip Ring: 291, 211 Plate: 116, 120 |
| 100mm | Thread: 5-7/16" Grip Ring: 5-5/16" Plate: 5-5/8" | 4-1/2" Brake: 5-1/8" | Urethane | 180 | PUT125___BK-U | PUT125___BK-BU | |

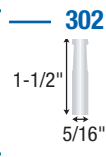
*To order, include blue fastener code in Base Model Number.

Example: PUT50507BK-U

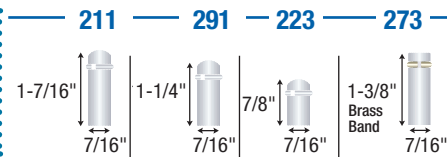
Threaded Stem



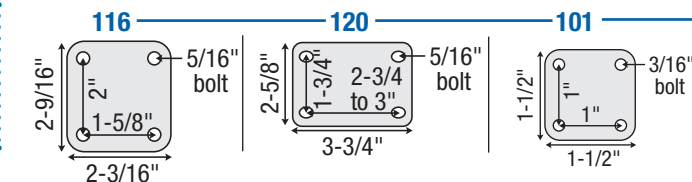
Grip Neck



Grip Ring Stem



Top Plate



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Pacer Hooded



Features

- Fast deliveries for any order quantity
- Zinc die-cast body and hood
- Concealed axle

Applications

- Store Fixtures
- Seating
- Electronic Equipment
- Office Equipment

Options

- **Brake** available on 50mm nylon tread models only.
- **Urethane Wheel** available for added floor protection; to order, insert [-U] at the end of model number. Not available on brake models.
- Unhooded Pilot version available; consult factory.

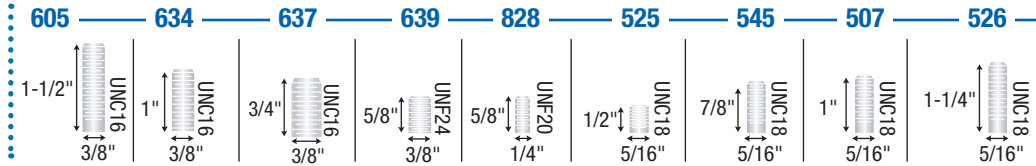
Finish Selection



| Wheel Diameter (mm) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Finish Type | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Brake Model # (Add fastening code) | Fastening Selection* |
|---------------------|---|--------------------------|----------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--|
| 50mm | Threaded: 2-1/2" Grip Ring/Neck: 2-3/8" Plate: 2-11/16" | 1-3/4" Brake: 2-7/16" | Nylon | Bright Chrome | 75 | PPA50___BC | PPA50___BC-B | Threaded: 507, 525, 605, 634, 637, 639, 828 Grip Neck: 302 Grip Ring: 211, 222, 223 Plate: 101, 113 |
| | | | | Flat Black | 75 | PPA50___FB | PPA50___FB-B | |
| | | | | Windsor Antique | 75 | PPA50___WA | PPA50___WA-B | |
| 60mm | Threaded: 2-7/8" Grip Ring/Neck: 2-3/4" Plate: 3-1/16" | 2-3/16" | Nylon | Bright Chrome | 100 | PPA60___BC | - | Threaded: 525, 526, 545, 605, 637, 639 Grip Neck: 302 Grip Ring: 211, 222, 223 Plate: 101, 113 |
| | | | | Flat Black | 100 | PPA60___FB | - | |
| | | | | Windsor Antique | 100 | PPA60___WA | - | |

*To order, include blue fastener code in Base Model Number. Example: PPA50507BC

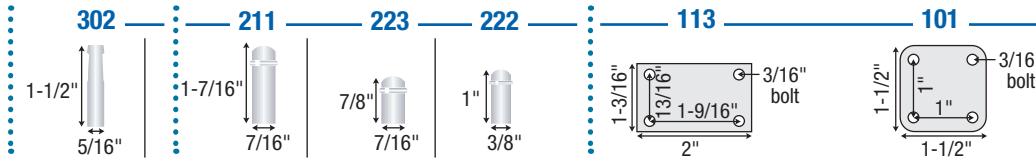
Threaded Stem



Grip Neck

Grip Ring Stem

Top Plate



Special colors such as satin chrome and others available - consult factory for MOQ.



Unhooded Pilot version also available. Change PPA to PPB. Also available in urethane wheels for extra floor protection; add -U to end of model number.

Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Source II Hooded

Features

- Designed for economical twin wheel mobility solutions
- All nylon construction
- Steel axle and fastening

Applications

- Store Fixtures
- Furniture
- Display Units
- Utility Carts
- Office Equipment
- Medical Equipment

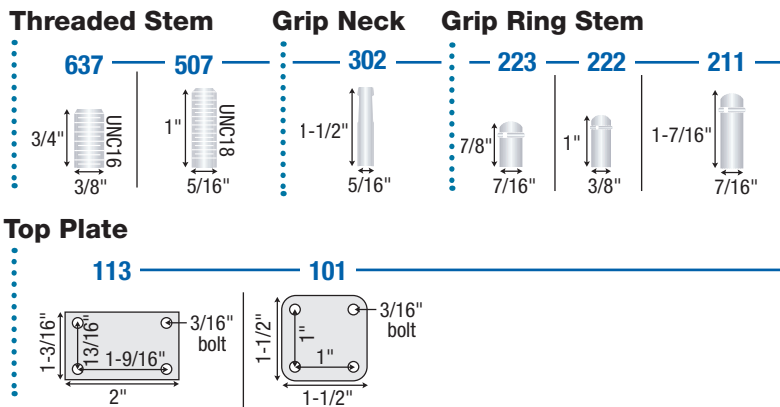
Options

- **Brake** available on all models.



| Wheel Diameter (mm) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Finish Type | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Brake Model # (Add fastening code) | Fastening Selection* |
|---------------------|-------------------------------|-----------------------------|----------------|-------------|-----------------------|-----------------------------------|------------------------------------|---|
| 40mm | Stem: 2" Plate: 2-1/4" | 1-11/16" Brake: 1-15/16" | Nylon | Black | 40 | PTW40___BK | PTW40___BK-B | Threaded: 637, 507 Grip Neck: 302 Grip Ring: 223 Plate: 101, 113 |
| 50mm | Stem: 2-3/8" Plate: 2-5/8" | 2" Brake: 2-7/16" | Nylon | Black | 75 | PTW50___BK | PTW50___BK-B | Threaded: 637, 507 Grip Neck: 302 Grip Ring: 223, 222, 211 Plate: 101, 113 |
| 60mm | Stem: 2-3/4" Plate: 3" | 2-1/4" Brake: 2-7/8" | Nylon | Black | 100 | PTW60___BK | PTW60___BK-B | Threaded: 637, 507 Grip Neck: 302 Grip Ring: 223, 211 Plate: 101, 113 |

*To order, include **blue** fastener code in **Base Model Number**. Example: PPA50**507**BC



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Threaded Stem



Grip Neck Stem



Grip Ring Stem



Swivel Top Plate



Chair Caster



Features

- Constructed of injection-molded engineering grade nylon
- Nylon tread for carpeting and urethane for hard floors

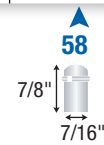
Applications

- Seating
- Medical Equipment

Options

- 1-1/2" or 1-3/4" pivot boss sizes

| Wheel Diameter (mm) | Mounting Height (Inches) | Swivel Radius (Inches) | Pivot Boss Diameter (Inches) | Tread Material | Dynamic Load (Pounds) | Model # | Fastening Selection |
|---------------------|--------------------------|------------------------|------------------------------|----------------|-----------------------|-------------|---------------------|
| 55mm | 2-1/4" | 2-9/16" | 1-1/2" | Nylon | 75 | PHT5558BK | Grip Ring: 58 |
| | 2-1/8" | 2-9/16" | 1-3/4" | Nylon | 75 | PHG5558BK | |
| | 2-1/4" | 2-9/16" | 1-1/2" | Urethane | 75 | PHT5558BK-U | |
| | 2-1/8" | 2-9/16" | 1-3/4" | Urethane | 75 | PHG5558BK-U | |



Pivot boss diameter



Wheel Options



Nylon



Urethane

Twin-Med Grey

Features

- Undercover protection
- Designed to protect axle/bearing areas from hair/water
- Wheels feature precision ball bearings for quieter smoother operation
- Softer quieter TPR tread design
- Double ball bearing located in the swivel raceway on 4" models
- 5" models feature a sealed precision bearing in the swivel raceway
- Wheels have easy rollability

Applications

- Diagnostic Equipment
- Electronic Equipment
- Patient Aids
- Patient Lifts
- Nursing Home Beds
- Medical Carts

Options

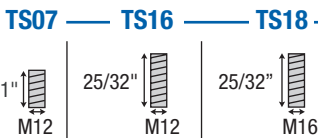
- **Total Lock** models lock both the wheel and swivel
- **Directional Lock** (locks swivel) models are available. Please consult factory.
- **Antistatic** models available; consult factory for details.



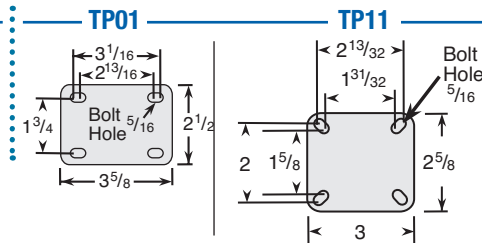
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Wheel Bearing | Dynamic Load (Pounds) | Base Model # (Add fastening code) | Total Lock Brake Model # (Add fastening code) | Fastening Selection* |
|-------------------------|----------------------|---------------------------|------------------------|----------------|----------------|-----------------------|-----------------------------------|---|---|
| 4" | 2-39/64" | Stem: 5" Plate: 5-3/8" | 3-1/8" | TPR | Precision Ball | 220 | TG-04TPP-281-SW-____ | TG-04TPP-281-TL-____ | Threaded: TS07, TS16, TS18 Plate: TP01, TP11 |
| 5" | 3" | Stem: 6" Plate: 6-3/8" | 4" | TPR | Precision Ball | 246 | TG-05TPP-281-SW-____ | TG-05TPP-281-TL-____ | |

*To order, include blue fastener code in Base Model Number. Example: TG-04TPP-281-SW-**TS07**

Threaded Stem



Plate



Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Undercover shield for ultimate protection.

GRX High Performance

Features

- Non marking TPU wheels provide excellent floor protection
- Strong Polyamide nylon body and brake
- Available in a multitude of colors
- Optional Antimicrobial, conductive, stainless Steel and MRI options
- Metric and Imperial fitting options
- 100-125mm sizes offer precision swivel and precision wheel bearings and full Total Lock
- 30-75mm sizes offer wheel brake with blind hole swivel design

Applications

- Healthcare, home or office furniture
- Industrial and healthcare seating
- Medical carts
- Bassinets
- Store fixtures

Options

- **Total Lock Brake:** (locks both swivel and wheels) available on 75mm, 100mm, and 125mm models. Brake lever is integrated into body design for clean lines.
- **Standard Tread Lock Brake:** (locks wheels only) available on 65mm.
- **Tread Covers:** (Consult Shepherd)
- **Additional Fastenings:** Consult factory



Color Options



GG

Gray caster/
dark grey tread



WG

White caster/
dark grey tread



BG

Black caster/
dark grey tread



Other colors available
with MOQ.

Caster Sizes



GRX30PYOSW-TS53-BG

30mm



GRX38PYOSW-TS53-BG

38mm



GRX50PYOTB-TS53-WG

50mm



GRX65PYOTB-TGR01-GG

65mm



GRX75PYOTB-TP20-BG

75mm



GRX100PYOSW-TS53-BG

100mm



GRX125PYOSW-GR01-GG

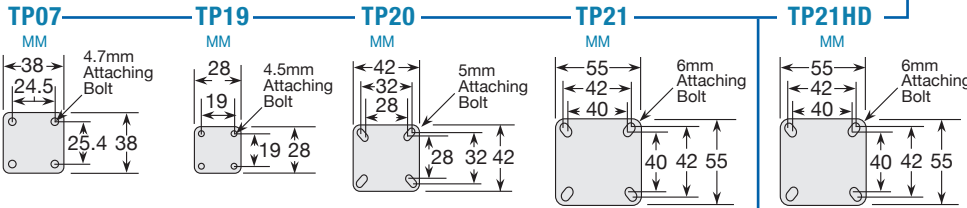
125mm

| Wheel Diameter | Mounting Height | Configuration Type | Wheel Bearing | Swivel Radius | Dynamic Load | Base Foot-print | Add Color Code and Fastening Code | Fitting Options |
|----------------|---|--------------------|----------------|---------------|--------------|-----------------|-----------------------------------|--|
| 30mm | 34mm thread; 30mm grip ring; 38mm plates and U bracket | Swivel | Plain Bore | 35mm | 40kg | 40mm | GRX30PYOSW-___-___ | Plate: TP07, TP19; Threaded Stem: TS53, TS54 |
| | | Wheel Brake | Plain Bore | 42mm | 40kg | 40mm | GRX30PYOTB-___-___ | |
| 38mm | 45mm thread; 41mm grip ring; 52mm TP21, 48mm other plates | Swivel | Plain Bore | 39mm | 60kg | 46mm | GRX38PYOSW-___-___ | Plate: TP07, TP19, TP20, TP21; Threaded Stem: TS15, TS16, TS52, TS34, TS53, TS54, TS55; Grip Ring Stem: GR01, GR20 |
| | | Wheel Brake | Plain Bore | 47.5mm | 60kg | 46mm | GRX38PYOTB-___-___ | |
| 50mm | 58mm thread; 55mm grip ring; 62mm plates | Swivel | Plain Bore | 47.5mm | 40kg | 53mm | GRX50PYOSW-___-___ | Plate: TP07, TP20; Threaded Stem: TS15, TS16, TS34, TS52, TS54, TS55; U Bracket: UB01, UB02; Grip Ring Stem: GR01 |
| | | Wheel Brake | Plain Bore | 65mm | 35kg | 53mm | GRX50PYOTB-___-___ | |
| 65mm | 73.5mm threaded; 69.5 grip ring; 74.5mm plates | Swivel | Plain Bore | 58mm | 50kg | 53mm | GRX65PYOSW-___-___ | Plate: TP07, TP20; Threaded Stem: TS02, TS15, TS24, TS51, TS16; Grip Ring Stem: GR01, GR02 |
| | | Wheel Brake | Plain Bore | 76mm | 50kg | 53mm | GRX65PYOTB-___-___ | |
| 75mm | 86.5mm threaded; 83.5 grip ring; 88.5mm TP20, 91mm TP21 | Swivel | Plain Bore | 65mm | 75kg | 54mm | GRX75PYOSW-___-___ | Plate: TP20, TP21; Threaded Stem: TS02, TS15, TS16, TS24, TS34; Grip Ring Stem: GR01, GR02 |
| | | Wheel Brake | Plain Bore | 84mm | 75kg | 54mm | GRX75PYO_TB-___-___ | |
| | | Total Lock | Plain Bore | 84mm | 75kg | 54mm | GRX75PYOTL-___-___ | |
| 100mm | 120.5mm threaded; 117.5 grip ring; 124mm TP21; 127mm TP21HD | Swivel | Precision Ball | 89mm | 100kg | 57mm | GRX100PYPSW-___-___ | Plate: TP21, TP21HD; Threaded Stem: TS02, TS15, TS16, TS24; Grip Ring Stem: GR01, GR02 |
| | | Total Lock | Precision Ball | 111mm | 100kg | 57mm | GRX100PYPTL-___-___ | |
| 125mm | 146.5mm threaded; 143.5mm grip ring; 153mm plate | Swivel | Precision Ball | 109mm | 100kg | 67mm | GRX125PYPSW-___-___ | Plate: TP21HD; Threaded Stem: TS02, TS15, TS16, TS24; Grip Ring Stem: GR02 |
| | | Total Lock | Precision Ball | 134mm | 100kg | 67mm | GRX125PYPTL-___-___ | |

*To order, include blue fastener code in Base Model Number. Example: GRX03PYSOW-TS07-GG

GG Gray caster/ dark grey tread
WG White caster/ dark grey tread
BG Black caster/dark grey tread

Plates



Threaded Stems



| | |
|------|--------------------|
| TS02 | 1/2"-13NC x 1" |
| TS15 | M10 x 1.50p X 15mm |
| TS16 | M12 X 20mm |
| TS24 | 3/8"-16NC x .75" |
| TS34 | M10-1.5x25.4mm |
| TS51 | 5/16"-18NC x .75" |
| TS51 | 5/16"-18NC x .75" |
| TS52 | M8 x 15mm |
| TS53 | M8 x 12mm |
| TS54 | M10 x 16mm |
| TS55 | M8 x 20mm |

Grip Ring Stems



Grip Ring Stem

| | |
|------|-----------------------|
| GR01 | 7/16" x 7/8" round |
| GR02 | 7/16" x 1-7/16" round |
| GR20 | 11mm x 30mm round |

Note: TP21HD is 3mm thicker than TP21.

Socket Options

Shepherd has many solutions to help you mount your casters to your equipment quickly and easily. See pages 48-49 for more information.



Mighty-Mite



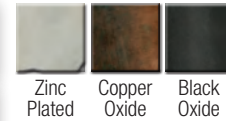
Features

- High-strength & heat treated steel for increased durability and caster life
- Dual ball raceways
- RoHS compliant plating for corrosion resistance
- Octagon washer on stem models for easy installation
- NSF approved (less thread guards (consult factory))

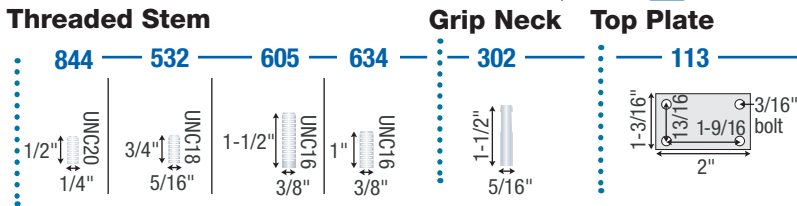
Applications

- Store fixtures
- Carts
- Institutional Equipment
- Food Service Equipment
- Furniture
- Janitorial Equipment
- Office Equipment

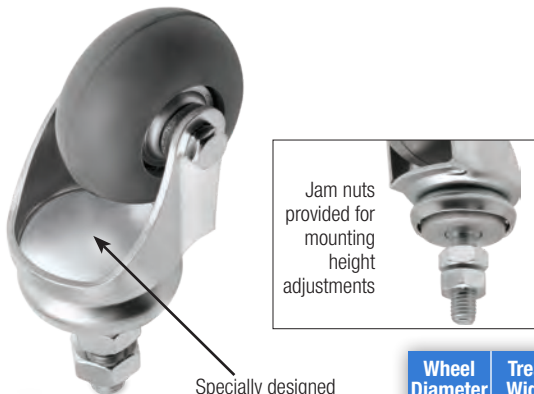
| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Type | Caster Finish | Dynamic Load (Pounds) | Base Model Number (Add fastening code) | Fastening Selection* |
|-------------------------|----------------------|--------------------------|------------------------|-------------|---------------|-----------------------|--|--|
| 1-5/8" | 11/16" | 2-5/16" | 1-5/8" | Soft Rubber | Zinc Plated | 70 | PRE16___TZ-3R | Threaded: 605 Swivel Plate: 113 |
| | | | | Soft Rubber | Black Oxide | 70 | PRE16___BO-3R | Threaded: 634 |
| | | | | Polyolefin | Zinc Plated | 75 | PRE16___TZ-3E | Threaded: 532, 844 |
| | | | | Polyolefin | Black Oxide | 75 | PRE16___BO-3E | Threaded: 532, 844 Grip Neck: 302 |
| | | | | Polyolefin | Copper Oxide | 75 | PRE16___CO-3E | Grip Neck: 302 Swivel Plate: 113 |



*To order, include **blue** fastener code in **Base Model Number**. Example: PRE16**605**ZN-3R



Glass Handling Caster



Features

- Specially designed raceway system protects against debris
- Soft non-marking neoprene rubber wheels
- Ball bearing wheels for added rollability
- Zinc plated for corrosion resistance

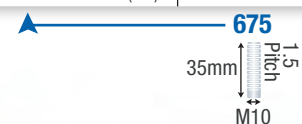
Applications

- Glass Industry
- Plant Operation
- Conveyor Systems
- Material Handling

Options

- **Fastening Selections:** Additional options available upon request (minimums may apply).

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Wheel Bearing | Dynamic Load (Pounds) | Base Model # | Fastening Selection |
|-------------------------|----------------------|--------------------------|------------------------|----------------|---------------|-----------------------|-------------------------------|----------------------|
| 2" | 15/16" | 2-15/16" | 1-13/16" | Neoprene | Ball | 75 | PGN20 675 ZN-NPR21(GG) | Threaded: 675 |



Ladder Caster

Features

- Long stem made especially for rolling ladders (does not include spring)
- Zinc finish
- Dual ball bearing raceways
- Soft rubber wheels (75 Shore A)

Applications

- Rolling Ladders

Fastening Specs

- Overall Stem Length: 4-13/16"
- Thread Diameter: 5/16" UNC18
- Thread Length: 5/8" UNC18



| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Wheel Bearing | Dynamic Load (Pounds) | Base Model # |
|-------------------------|----------------------|--------------------------|------------------------|----------------|---------------|-----------------------|---------------|
| 2" | 13/16" | 2-1/2" | 1-13/16" | Soft Rubber | Plain | 80 | PLD20820ZN-3R |
| 3" | 13/16" | 3-11/16" | 2-3/8" | Soft Rubber | Plain | 110 | PLD30820ZN-3R |

PDT Casters

Features

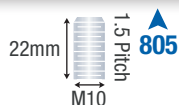
- Total Lock lever integrated into body
- Sleek, all plastic body
- Matching thread guards
- Polyurethane tread

Applications

- Electronic Equipment
- Seating
- Medical Equipment



| Wheel Diameter (inches) | Tread Width (Inches) | Mounting Height (Inches) | Swivel Radius (Inches) | Finish | Dynamic Load (Pounds) | Model # | Fastening Selection |
|-------------------------|----------------------|--------------------------|------------------------|--------|-----------------------|----------------------|---------------------|
| 3" | 1" | 4-3/4" | 2-11/16" | Silver | 75 | PDT30805SV-TPU01(KK) | Threaded: 805 |



Self-Braking Chair Casters

Features

- Choice of models that automatically brake with or without weight
- Constructed of injection-molded engineering grade nylon
- Urethane tread

Applications

- Seating
- Medical Equipment

Options

- **Braking:** Model PSC50223BK-U brakes when weight is applied. Model PSD50223BK-U brakes without weight, rolls when weight is applied.



| Wheel Diameter (mm) | Braking Type | Mounting Height (Inches) | Swivel Radius (Inches) | Tread Material | Dynamic Load (Pounds) | Model # | Fastening Selection |
|---------------------|---------------------|--------------------------|------------------------|----------------|-----------------------|--------------|---------------------|
| 50mm | Compression brake | 2-7/16" - 2-1/2" | 2-1/16" | Urethane | 75 | PSC50223BK-U | Grip Ring: 223 |
| | Decompression brake | 2-3/8" - 2-7/16" | 2-1/16" | Urethane | 75 | PSD50223BK-U | |

12-15 lbs to activate brakes below.

Compression brake models brake when you sit down.

Decompression brake models brake when you stand up.



Pemco Shopping Cart



Features

- Considered by many to be the standard of the industry.
- Wheel tread is mechanically locked to core. On KasterKat models wheel tread is also chemically bonded.
- Many Pemco models feature the patented sealed bearing features double ball raceway that is insert-molded into the hub. The single spindle design cannot become misaligned with use.

Applications

- Shopping carts

Options

- Anti-static and self-braking models available.
- Caster finish options including standard zinc plating, PemCoat and Precision Hollow Rivet.
- Wheel tread options including polyurethane, TPR and anti-static polyurethane.

Caster Finish Selection



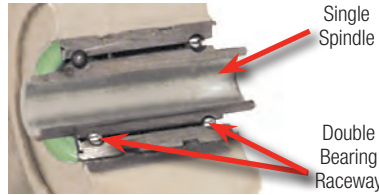
Standard Zinc plated



PemCoat™ optional finish prolongs caster fork life in the worst conditions. Available by special order only; please consult factory for minimums and details.

Pemco Bearing Difference

Legacy Single Spindle Bearing



Bearing is insert-molded into the polypropylene hub. This bearing is a single spindle design that cannot become misaligned with use. It is also sealed on both sides after being pre-lubricated with high quality grease.

New Dual Precision Bearing



Pemco now offers a new dual precision bearing for smooth, quiet rolling. This bearing is also pressed into the hub for greater durability and longer service life.

The **KasterKat** premium features a molded, red annular ring mixed with polyurethane, between the hub and our premium polyurethane tread. This process provides both a chemical bond and a mechanical lock between the tread and hub.

Polykat wheels features a polyurethane tread mechanically locked to a polypropylene core. This design helps prevent tread separation.

QuietKat wheels are very durable, roll easy and are well suited for a variety of applications. The wheel cushions your ride over rough surfaces, providing excellent shock absorption. The softer 88A Durometer TPR tread design will not mark your floors.

SuperKat wheels feature a soft natural rubber tread material along with a more rounded tread shape. This design allows the wheel to rotate as it is pulled sideways by cart pusher machines. Because the wheel is allowed to spin, even with sharp turns, it is much more resistant to flat spotting compared to conventional wheels. This design has been used successfully in Europe for over 20 years.





Pemco Shopping Cart

Continued from previous page

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Bearing Bore (Inches) | Bearing Type | Tread/ Core Color | Thread Guard Color | Wheel Features | Dynamic Load (Pounds) | Caster Model | Wheel Model |
|-------------------------|----------------------|--------------------------|-----------------------|--------------|-------------------|--------------------|----------------|-----------------------|--------------|-------------|
|-------------------------|----------------------|--------------------------|-----------------------|--------------|-------------------|--------------------|----------------|-----------------------|--------------|-------------|

KasterKat Premium

| | | | | | | | | | | |
|----|--------|--------|-------|----------------|----------------|-----------|--------------------------|-----|--------|--------|
| 5" | 1-1/4" | 5-7/8" | 5/16" | Single Spindle | Dark Blue/Grey | Dark Blue | Standard | 250 | 77679E | 83119E |
| | | | | Single Spindle | Grey/Grey | Grey | Standard | 250 | 77679Y | 83119Y |
| | | | | Single Spindle | Dark Blue/Grey | Dark Blue | Tensioner (Self Braking) | 250 | 77695E | 83207E |



PolyKat

| | | | | | | | | | | |
|----|--------|----------|-------|------------------|-----------------|-----------|-------------------------------|-----|---------|---------|
| 4" | 1-1/4" | 4-11/16" | 5/16" | Single Precision | Dark Blue/Grey | Dark Blue | Standard | 250 | 77687E | 83194E |
| 5" | 1-1/4" | 5-7/8" | 5/16" | Dual Precision | Dark Blue/Grey | Dark Blue | Standard | 250 | 77520EZ | 83122EZ |
| | | | | Dual Precision | Dark Grey/Black | Black | Standard | 250 | 77688YZ | 83195YZ |
| | | | | Delrin | Black/Black | None | Economical | 200 | 77142G | 8161G |
| | | | | Single Spindle | Dark Blue/Grey | Dark Blue | Anti-Static | 250 | 77639E | 83184E |
| | | | | Single Spindle | Dark Blue/Grey | Orange | Tensioner (self-braking) | 250 | 77662E | 83190E |
| | | | | Single Spindle | Dark Blue/Grey | Orange | Adjustable Tensioner | 250 | 77692E | 83202E |
| | | | | Single Spindle | Dark Blue/Grey | Orange | Fusion: Anti-static/Tensioner | 250 | 77699E | 83206E |



QuietKat

| | | | | | | | | | | |
|----|--------|--------|-------|----------------|------------|--------|-------------------------------|-----|--------|---------|
| 5" | 1-1/4" | 5-7/8" | 5/16" | Dual Precision | Grey/Black | Black | Standard | 250 | 77103Y | 83203YZ |
| | | | | Single Spindle | Grey/Black | Black | Anti-Static | 250 | 77123Y | 83211Y |
| | | | | Single Spindle | Grey/Black | Orange | Tensioner (self-braking) | 250 | 77124Y | 83212Y |
| | | | | Single Spindle | Grey/Black | Orange | Fusion: Anti-static/Tensioner | 250 | 77125Y | 83219Y |



SuperKat

| | | | | | | | | | | |
|----|--------|--------|-------|----------------|----------------|-----------|---------------------------------|-----|--------|--------|
| 5" | 1-1/4" | 5-7/8" | 5/16" | Dual Precision | Dark Blue/Grey | Dark Blue | Anti-flat spot for cart pushers | 250 | 77146E | 83224E |
|----|--------|--------|-------|----------------|----------------|-----------|---------------------------------|-----|--------|--------|



PolyKat Anti-Static. Say goodbye to straps and chains. Patented anti-static wheel discharges static electricity of shopping cart every rotation of the wheel.



Standard **Tensioner** wheel reduces damage caused by rolling, unattended shopping carts. They are designed to hold unattended shopping carts on a slight slope (1-2 degrees) and slow down acceleration on greater slopes.



Adjustable Tensioner

wheels have deceleration is pre-set at the factory for average conditions. Parking lot conditions vary widely -- the amount of deceleration can easily be field adjusted to meet customer needs.



Fusion wheels feature the fusion of anti-static and tensioner wheel for the ultimate in shopper comfort and protection. No field adjustment necessary.



Nomenclature

With thousands of options, casters can be difficult to specify. Please contact the professionals for fast help at www.shepherdcasters.com or call us at 1-800-253-0868.

Example model number shown (PRE50273ZN-TPR B is a Regent caster (PRE). The wheel diameter is 5" (50). The fastening is a grip ring stem (273). The caster fork finish is zinc (ZN). The wheel is a TPR (TPR). The caster has an optional tread lock brake (B).



PRE50273ZN-TPR B

Wheel Diameter

All series except twin wheels are 2 digits and are in inches, ie 30=3". Some twin wheels extend to 3 digits ie 100=100mm

Fastening

See pages 51-58 for a listing of all fastenings

Finish

ZN-Zinc
TZ-ROHS compliant
Zinc plating
BO-Black Oxide
BK-Black
BB-Bright Brass
BC-Bright Chrome
WA-Windsor Antique
SC Satin Chrome (MOQ)

Wheel

Single wheel casters only
See pages 40-47 for a listing of all wheel types, some lighter duty casters have a 2 digit code.

Options

Will include brake options and other non-standard options. In Twin wheels will also include tread options such as urethane (-U). See individual product sections for details.

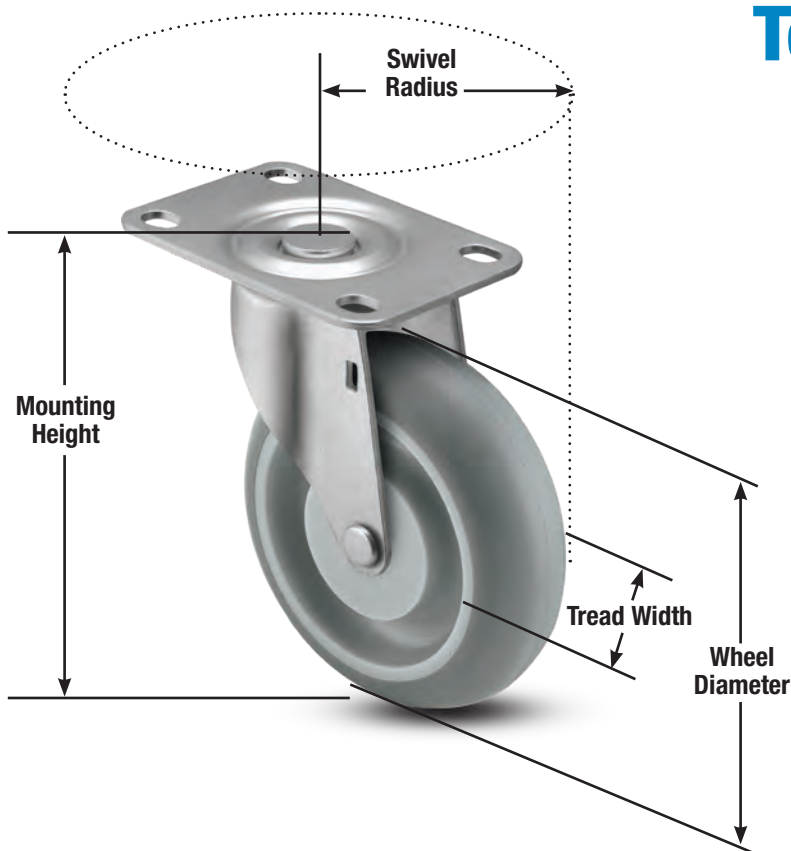
Caster Code

| Code | Description |
|------|-------------------------|
| PRE | Regent-Swivel |
| PRI | Regent-Rigid |
| PMN | Monarch |
| PRQ | General Duty Rigid |
| PSQ | General Duty Swivel |
| COO | Low Profile Low Profile |
| BLS | Low Profile Swivel |
| BLM | Low Profile Swivel |
| BLR | Low Profile Rigid |
| BLR | Low Profile Rigid |
| BDS | BDS Swivel |
| BDR | BDR Swivel |
| POM | Omega |
| PRS | RS Series |
| PRT | RT Total Lock Series |
| PEC | Eclipse |

| Code | Description |
|------|-------------------------|
| PGE | Genesis |
| PSN | Ball Casters Saturn |
| PPL | Ball Casters Planet |
| PBH | Baron |
| PSF | SoftTech Series |
| PUT | Ultima Series |
| PPA | Pacer Series |
| PTW | Source II |
| PSC | Specialty Chair Casters |
| PSD | Specialty Chair Casters |
| TGE | Genesis Dual |
| GRX | GRX High Performance |
| PLD | Ladder Caster |
| PGN | Glass Handling Casters |
| PDT | PDT Caster |

Terms & Definitions

Caster Terms



Swivel Radius – The distance from the center of the fastening to the outer most point of the caster. This specifies the minimum clearance required for a mounted caster to swivel 360 degrees.

Wheel Diameter – The vertical measurement from the bottom to the top of the wheel (wheel diameter also commonly refers to the size of the caster). Generally, the larger the wheel diameter, the easier it will roll.

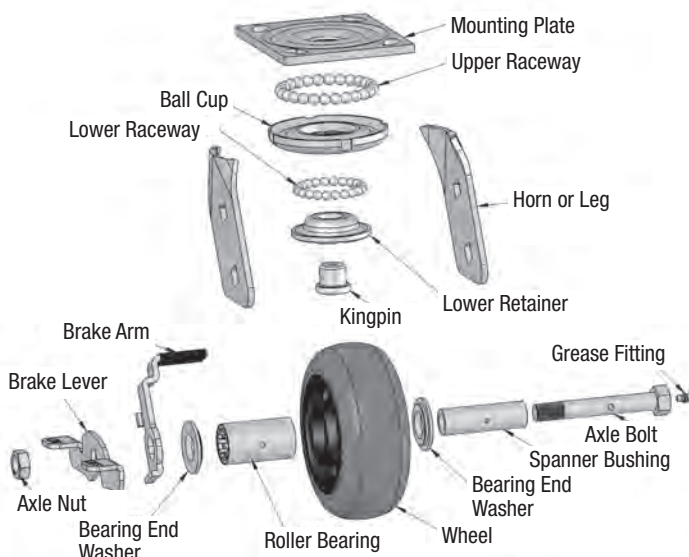
Mounting Height – The total distance the caster raises the unit off the floor when assembled. It is ideally the measurement from the bottom of the wheel to the top of the fastening (does not include stem within the unit).

Dynamic Load – The calculated load a caster has been designed to support while in use. This dynamic calculation is determined by static load, durability and impact factors—and is assigned on a per caster basis. To determine the load required based on the number of casters on the unit, divide the fully loaded product weight by the number of casters.

Other Important Selection Considerations:

- **Load capacity:** divide the fully loaded product weight by the number of casters to determine the dynamic load rating required per caster.
- **Floor conditions:** hard treads usually provide greater capacity, but are louder and can damage some floors. Soft treads are quieter, more floor protective, more shock absorbing, and roll more easily over obstructions.
- **Rollability:** the right bearing and wheel material can make a big difference. Precision ball bearings reduce the effort needed to initiate and sustain rolling—while larger diameter, crowned and hard tread wheels also generally help with improved rollability.
- **Brakes:** a host of brake options are available, some designed for economic solutions (Side and Friction), others for a positive locking wheel brake (Tread Locks and Top Locks), and others to ensure safety by positively locking both wheel and swivel (Total Locks).
- **Mounting methods:** many considerations come into selecting the right fastening method. With hundreds of options available, we have the experience to ensure you utilize the proper method.
- **Maintenance considerations:** various bearing types are available to provide maintenance free operation.
- **Unusual conditions:** are frequent washings, salt water, high heat, or non-magnetic requirements present? We have you covered if so.

Caster Assembly Parts



Wheel Selection Guide

Polyolefin Wheels



Page 41

Soft & Hard Rubber Wheels



Page 42

Thermoplastic Rubber (TPR) Wheels



Page 43

MonoTech Wheels



Page 44

Pneumatic/No-Matic Wheels



Page 45

Thermoplastic (TPU) Polyurethane Wheels



Page 46

Vipor Wheels



Page 47

Solid Urethane & Nylon Wheels



Page 47

Wheel Application Guide

| |  |  |  |  |  |
|-----------------------------------|---|---|---|--|---|
| Wheel Type | Carpet | Linoleum | Wood | Concrete | Tile |
| MonoTech | Good | Excellent | Excellent | Excellent | Excellent |
| Thermoplastic Rubber (TPR) | Good | Good | Good | Good | Good |
| Polyurethane (TPU) | Good | Good | Good | Excellent | Excellent |
| Soft Rubber** | Good | Good | Good | Good | Good |
| Hard Rubber** | Good | | | Good | |
| Polyolefin | Good | | | Good | Good |
| Vipor | Excellent | Good | Good | Excellent | Good |
| Pneumatic** | Good | Good | Good | Good | Good |
| No-Matic** | Good | Good | Good | Good | Good |
| Phenolic | Good | | | Good | |
| Glass Filled Nylon | Good | | | Good | |
| Cast Iron | | | | Good | |

*Always consult your flooring manufacturer to determine the best wheel materials for your floor prior to use.

**Some industrial rubber wheels may leave rubber residue on certain floor types, test prior to use.

Polyolefin Wheels



Polyolefin (Popular on Regent, Monarch, Series)

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Hub Length (Inches) | Axle Size (Inches) | Color Tread/ Core | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|---------|---------------------|---------------------------|-------------------|-------------------------|-----------------------|-------------|
| 1-1/4" | 17/32" | Plain | .63" | 3/16" | Black | 70D | 75 | 007114 |
| 1-5/8" | 11/16" | Plain | .77" | 7/32" | Black | 70D | 80 | 006971 |
| 2" | 13/16" | Plain | .90" | 1/4" | Black | 70D | 100 | 006972 |
| 2-1/2" | 13/16" | Plain | .92" | 1/4" | Black | 70D | 120 | 007213 |
| 3" | 13/16" | Plain | .99" | 1/4" | Black | 70D | 125 | 007386 |
| | 1-1/4" | Plain | 1.56" | 3/8" | Black | 70D | 270 | 005100 |
| 4" | 15/16" | Plain | 1.15" | 5/16" | Black | 70D | 150 | 004101 |
| | 1-1/4" | Plain | 1.56" | 3/8" | Black | 70D | 275 | 005102 |
| | 2" | Plain | 2.375" | 1-3/16" bore ¹ | Black | 70D | 500 | WH4X2POD19 |
| 5" | 15/16" | Plain | 1.15" | 5/16" | Black | 70D | 150 | 007310 |
| | 1-1/4" | Plain | 1.56" | 3/8" | Black | 70D | 300 | 005103 |
| | 2" | Plain | 2.375" | 1-3/16" bore ¹ | Black | 70D | 600 | WH5X2POD19 |
| 6" | 2" | Plain | 2.375" | 1-3/16" bore ¹ | Black | 70D | 600 | WH6X2POD19 |
| 8" | 2" | Plain | 2.375" | 1-3/16" bore ¹ | Black | 70D | 900 | WH8X2POD19 |

¹Requires bearing and spanner to utilize 1/2" axle.



2" Regent/
Monarch

2" Low Profile
00

2-1/2" Low Profile
BLS/BLM

Solid Wall Polyolefin (Popular on Regent, Monarch, Low Profile 00 and Low Profile BLS/BLM Series)

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Hub Length (Inches) | Axle Size (Inches) | Color Tread/ Core | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|---------|---------------------|--------------------|-------------------|-------------------------|-----------------------|-------------|
| 2" | 3/4" | Plain | .90" | 1/4" | Black | 70D | 100 | 007956 |
| | 3/4" | Plain | .921" | 5/16" | Black | 70D | 100 | 618712 |
| | 1-13/16" | Plain | 1.85" | 5/16" | Black | 70D | 300 | 618901 |
| 2-1/2" | 1-3/4" | Roller | 1.94" | 3/8" ² | Black | 70D | 400 | 618820 |

²Requires spanner #009292 to utilize 3/8" axle.



2" Spherical:
Baron Series

Spherical Polyolefin (Popular on Baron Series)

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Hub Length (Inches) | Axle Size (Inches) | Color Tread/ Core | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|---------|---------------------|--------------------|-------------------|-------------------------|-----------------------|-------------|
| 2" | - | Plain | 1.98" | 1/4" | Black | 70D | 100 | 006520 |

Popular Polyolefin Caster Series



Regent
Pages 5-7



Low Profile 00
Page 10



Baron
Page 22

Features

- The most economical hard tread wheel solution
- Non-marking and resistant to frequent wash-downs, oil, grease, cleaning solutions, and most chemicals
- High-impact strength in a lightweight injection molded construction
- Other wheel options available; please consult factory for details
- **Temperature Range:**
-20° to 180° F

Soft and Hard Rubber Tread Wheels



Features

- Soft rubber wheels combine a soft tread on a hard rubber core—offering quiet movement, a cushioned ride, and added floor protection
- Hard rubber wheels provide higher load capacities and impact resistance
- Resistant to most chemicals and oils
- **Temperature Range:**
-40° to 160° F

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Hub Length (Inches) | Axle Size (Inches) | Wheel Color | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|--|----------------------|---------|---------------------|--------------------|-------------|-------------------------|-----------------------|-------------|
| Soft Rubber (Popular on Regent, and Monarch Series) | | | | | | | | |
| 1-5/8" | 23/32" | Plain | .77" | 7/32" | Black | 75A | 70 | 006371 |
| | 13/16" | Plain | .92" | 1/4" | Black | 75A | 80 | 006102 |
| 2" | 13/16" | Plain | .92" | 5/16" | Dark Grey | 75A | 80 | 618711 |
| | 13/16" | Plain | .92" | 1/4" | Black | 75A | 90 | 006742 |
| 2-1/2" | 13/16" | Plain | .92" | 1/4" | Black | 75A | 110 | 007385 |
| | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 75A | 150 | 615493 |
| 3" | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 75A | 150 | 615121 |
| | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 75A | 125 | 007272 |
| 3-1/2" | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 75A | 165 | 615514 |
| | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 75A | 130 | 007312 |
| 4" | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 75A | 200 | 615519 |
| | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 75A | 200 | 615519 |

¹Requires spanner# 612240 to utilize 3/8" axle, order separately with wheel.

Hard Rubber (Popular on Regent, and Monarch Series)

| | | | | | | | | |
|---------------|--------|-------|-------|-------------------|------------|-----|-----|--------|
| 2" | 13/16" | Plain | .92" | 1/4" | Black | 80D | 100 | 006646 |
| | 13/16" | Plain | .92" | 5/16" | Loden Grey | 80D | 100 | 618710 |
| 2-1/2" | 13/16" | Plain | .92" | 1/4" | Black | 80D | 110 | 006744 |
| | 13/16" | Plain | .99" | 1/4" | Black | 80D | 120 | 007380 |
| 3" | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 80D | 210 | 615487 |
| | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 80D | 250 | 615120 |
| 3-1/2" | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 80D | 150 | 007271 |
| | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 80D | 255 | 615513 |
| 4" | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 80D | 150 | 007311 |
| | 1-1/4" | Plain | 1.56" | 3/8" ¹ | Black | 80D | 280 | 615516 |

¹Requires spanner# 612240 to utilize 3/8" axle, order separately with wheel.

Spherical Soft Rubber (Popular on Baron Series)



1-5/8" Spherical:
Baron Series

| Wheel Diameter (Inches) | Bearing | Hub Length (Inches) | Axle Size (Inches) | Wheel Color | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|---------|---------------------|--------------------|-------------|-------------------------|-----------------------|-------------|
| 1-5/8" | Plain | 1.52" | 7/32" | Black | 75A | 75 | 006522 |

Popular Rubber Tread Caster Series



**Regent
Hard and Soft
Rubber**
Pages 5-7



**Low Profile 00 Hard
and Soft Rubber**
Page 10



**Baron
Soft Rubber**
Page 22

Thermoplastic Rubber (TPR) Wheels

TPR (Popular on Regent, and Monarch Series)

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/Core Color | Thread Guard | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|----------------|------------------|--------------|---------------------|--------------------|-------------------------|-----------------------|-------------|
| 2" | 13/16" | Plain | Grey/Black | None | 0.9" | 1/4" | 40D | 80 | 007962 |
| | 13/16" | Plain | Grey/Black | None | 0.92" | 5/16" | 40D | 80 | 618713 |
| 2-1/2" | 13/16" | Plain | Grey/Black | None | 0.9" | 1/4" | 40D | 90 | 007964 |
| 3" | 13/16" | Plain | Grey/Black | None | 0.99" | 1/4" | 40D | 125 | 008063 |
| | 1-1/4" | Delrin | Grey/Grey | None | 1.5" | 3/8" | 85A | 210 | 009014 |
| | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 85A | 210 | 008412 |
| 3-1/2" | 1-1/4" | Delrin | Grey/Grey | None | 1.5" | 3/8" | 85A | 250 | 009197 |
| | 1-1/4" | Ball | Grey/Grey | Partial | 1.625" | 3/8" | 85A | 250 | 009198 |
| 4" | 15/16" | Plain | Grey/Black | None | 1.15" | 5/16" | 75A | 125 | 008064 |
| | 1-1/4" | Delrin | Grey/Grey | None | 1.5" | 3/8" | 85A | 260 | 009018 |
| | 1-1/4" | Precision Ball | Grey/Grey | Partial | 1.6" | 3/8" | 85A | 260 | 008424M |
| | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 85A | 260 | 008415M |
| 5" | 15/16" | Plain | Grey/Black | None | 1.15" | 5/16" | 75A | 150 | 008065 |
| | 1-1/4" | Delrin | Grey/Grey | None | 1.5" | 3/8" | 85A | 280 | 009022 |
| | 1-1/4" | Precision Ball | Grey/Grey | Partial | 1.6" | 3/8" | 85A | 280 | 008427M |
| 6" | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 85A | 280 | 008418M |
| | 1-1/4" | Precision Ball | Grey/Grey | Partial | 1.6" | 3/8" | 85A | 300 | 008430M |
| 6" | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 85A | 300 | 008421M |



Features

- A better alternative to standard rubber wheels
- Non-marking and floor protective
- Tread is chemically bonded to the core
- Resistant to chemicals and oils, and ideal for wash down applications
- Can be manufactured in a variety of special colors; consult factory for minimums and details
- **Temperature Range:**
-40° to 180° F



Regent
TPR
Pages 5-7

MonoTech Wheels



| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread Shape | Thread Guard | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|---------|-------------|--------------|---------------------|--------------------|-------------------------|-----------------------|-------------|
|-------------------------|----------------------|---------|-------------|--------------|---------------------|--------------------|-------------------------|-----------------------|-------------|



MonoTech Light Duty (Popular on Regent and Monarch)

| | | | | | | | | | |
|----|--------|----------------|-------|------|-------|-------|-----|-----|--------|
| 3" | 13/16" | Plain | Donut | None | 1.01" | 1/4" | 65A | 120 | 009001 |
| 4" | 15/16" | Plain | Donut | None | 1.18" | 5/16" | 65A | 150 | 009003 |
| 5" | 15/16" | Plain | Donut | None | 1.18" | 5/16" | 65A | 160 | 007315 |
| | 15/16" | Precision Ball | Donut | Full | 1.18" | 5/16" | 65A | 160 | 007320 |

Features

- Provides ultimate floor protection and a quiet, cushioned ride
- Rolls over obstacles with ease
- Will not flat spot and is excellent on any floor type
- Rejects floor debris, including metal shavings and glass
- Donut tread wheels provide easier rollability and maneuverability
- **Temperature Range:**
-45° to 180° F

MonoTech Flat



| | | | | | | | | | |
|--------|--------|----------------|------|---------|---------------------|------|-----|-----|--------|
| 3-1/2" | 1-1/4" | Precision Ball | Flat | Partial | 1-5/8" | 3/8" | 65A | 250 | 009916 |
| | 1-1/4" | Delrin | Flat | None | 1-1/2" ¹ | 3/8" | 65A | 250 | 009913 |
| 4" | 1-1/4" | Precision Ball | Flat | Partial | 1-5/8" | 3/8" | 65A | 300 | 009917 |
| | 1-1/4" | Delrin | Flat | None | 1-1/2" ¹ | 3/8" | 65A | 300 | 009914 |
| 5" | 1-1/4" | Precision Ball | Flat | Partial | 1-5/8" | 3/8" | 65A | 325 | 009918 |
| | 1-1/4" | Delrin | Flat | None | 1-1/2" ¹ | 3/8" | 65A | 325 | 009915 |

¹Requires spanner# 612240 to utilize 3/8" axle, order separately with wheel.



MonoTech Donut

| | | | | | | | | | |
|----|--------|----------------|-------|---------|---------------------|------|-----|-----|--------|
| 4" | 1-1/4" | Precision Ball | Donut | Partial | 1-5/8" | 3/8" | 65A | 250 | 009919 |
| | 1-1/4" | Delrin | Donut | None | 1-1/2" ¹ | 3/8" | 65A | 250 | 009907 |
| 5" | 1-1/4" | Precision Ball | Donut | Partial | 1-5/8" | 3/8" | 65A | 300 | 009908 |
| | 1-1/4" | Delrin | Donut | None | 1-1/2" ¹ | 3/8" | 65A | 300 | 009901 |
| 6" | 1-1/4" | Precision Ball | Donut | Partial | 1-5/8" | 3/8" | 65A | 325 | 009904 |
| | 1-1/4" | Delrin | Donut | None | 1-1/2" ¹ | 3/8" | 65A | 325 | 009903 |

¹Requires spanner# 612240 to utilize 3/8" axle, order separately with wheel.

Popular MonoTech Caster Series

Regent
MonoTech
Pages 5-7



Regent
MonoTech
Pages 5-7



Pneumatic and No-Matic Wheels



Pneumatic

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/ Core Color | Hub Length (Inches) | Axle Size (Inches) | Tire Pressure | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|--------------|-------------------|---------------------|--------------------|---------------|-----------------------|-------------|
| 6" | 1-1/4" | Ball Bearing | Black/Grey | 1.57" | 3/8" | 90PSI | 150 | 006006 |

Pneumatic Features

- Shock absorbing to reduce vibration to protect equipment and cargo
- Smooth ride indoors or outdoors
- Will roll over obstacles, thresholds, and uneven surfaces with ease
- Durable polypropylene core
- 90 PSI



No-Matic (3" Regent/Monarch/)

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/ Core Color | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|--------------|-------------------|---------------------|--------------------|-------------------------|-----------------------|-------------|
| 3" | 13/16" | Plain | Black/Grey | .99" | 1/4" | 70A | 150 | 010283 |
| 6" | 1-1/4" | Ball Bearing | Black/Grey | 1.57" | 3/8" | 70A | 150 | 009922 |
| | 1-1/4" | Ball Bearing | Grey/Grey | 1.57" | 3/8" | 70A | 150 | 009923 |

No-Matic Features

- A pneumatic look and feel without the maintenance and risk of flat tires
- Available in a non-marking grey tire
- Shock absorbing and will roll over obstacles, thresholds, and uneven surfaces with ease
- Durable polypropylene core

Popular No-Matic Caster Series

Regent
No-Matic 3"
Pages 5-7



Thermoplastic Urethane (TPU)



TPU (Popular on Regent, and Monarch)

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/Core Color | Thread Guard | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|----------------|------------------|--------------|---------------------|--------------------|-------------------------|-----------------------|-------------|
| 2" | 13/16" | Plain | Grey/Black | None | 0.9" | 1/4" | 40D | 100 | 007963 |
| 2-1/2" | 13/16" | Plain | Grey/Black | None | 0.9" | 1/4" | 40D | 120 | 007965 |
| 3" | 13/16" | Plain | Grey/Black | None | 0.99" | 1/4" | 40D | 125 | 008083 |
| | 1-1/4" | Precision Ball | Blue/Grey | Full | 1.6" | 3/8" | 45D | 250 | 008443 |
| 3-1/2" | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 45D | 250 | 008413 |
| | 1-1/4" | Ball | Grey/Grey | Partial | 1.625" | 3/8" | 45D | 275 | 009199 |
| 4" | 15/16" | Plain | Grey/Black | None | 1.15" | 5/16" | 40D | 150 | 008084 |
| | 1-1/4" | Precision Ball | Blue/Grey | Partial | 1.6" | 3/8" | 45D | 300 | 008444M |
| | 1-1/4" | Precision Ball | Blue/Grey | Full | 1.6" | 3/8" | 45D | 300 | 008446M |
| | 1-1/4" | Precision Ball | Grey/Grey | Partial | 1.6" | 3/8" | 45D | 300 | 008425M |
| 5" | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 45D | 300 | 008416M |
| | 15/16" | Plain | Grey/Black | None | 1.15" | 5/16" | 40D | 150 | 008085 |
| | 1-1/4" | Precision Ball | Blue/Grey | Partial | 1.6" | 3/8" | 45D | 315 | 008445M |
| | 1-1/4" | Precision Ball | Blue/Grey | Full | 1.6" | 3/8" | 45D | 315 | 008447M |
| 6" | 1-1/4" | Precision Ball | Grey/Grey | Partial | 1.6" | 3/8" | 45D | 315 | 008428M |
| | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 45D | 315 | 008419M |
| | 1-1/4" | Precision Ball | Grey/Grey | Partial | 1.6" | 3/8" | 45D | 325 | 008431M |
| | 1-1/4" | Precision Ball | Grey/Grey | Full | 1.6" | 3/8" | 45D | 325 | 008422M |

Features

- Consists of a high-grade urethane tread mechanically interlocked to a polyolefin core
- Urethane offers extended wear and excellent floor protection
- Highly resistant to chemicals and oils
- Handles higher load ratings and provides excellent durability
- **Temperature Range:** -40° to 180° F

Razer (TPR)



Razer Thermoplastic Rubber on Polyolefin

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/Core Color | Thread Guard | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|---------|------------------|--------------|---------------------|--------------------|-------------------------|-----------------------|-----------------|
| 2" | 3/4" | Plain | Grey | None | 0.84" | 5/16" | 85A | 110 | RZ-02TPN-070-05 |
| 3" | 7/8" | Ball | Grey | Full | 1.16" | 5/16" | 85A | 110 | RZ-03TPP-090-05 |
| 4" | 7/8" | Ball | Grey | Full | 1.16" | 5/16" | 85A | 110 | RZ-04TPP-090-05 |
| 5" | 7/8" | Ball | Grey | Full | 1.16" | 5/16" | 85A | 110 | RZ-05TPP-090-05 |

- Grey Thermoplastic Rubber (TPR) tread chemically bonded to polyolefin core
- Full Metal Thread Guard on 3" to 5" models
- **Temperature Range:** -30°F to +180°F

Razer Grey TPR
Pages 14



Regent Grey TPU
Pages 5-7



Eclipse TPU
Page 15



Vipor

Vipor (Popular on Regent, and Monarch)

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/Core Color | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|---------|------------------|---------------------|--------------------|-------------------------|-----------------------|-------------|
| 2" | 13/16" | Plain | Clear/Grey | 1" | 1/4" | 90A | 80 | 001920 |
| 3" | 13/16" | Plain | Clear/Grey | .99" | 1/4" | 85A-90A | 120 | 001899 |
| 6" | 1-1/4" | Ball | Clear/Grey | 1.59" | 3/8" | 85A-90A | 300 | 009256 |



Features

- A specialized Vipor material provides excellent abrasion resistance with a very high-tech look
- Resistant to chemicals and oils

Solid Urethane

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/Core Color | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|---------|------------------|---------------------|--------------------|-------------------------|-----------------------|-------------|
| 3" | 1-13/16" | Roller | Grey | 2.05" | 7/16" ¹ | 55D-65D | 1,000 | 001587 |

¹Requires spanner# 009290 to utilize 7/16" axle, order separately with wheel.



Features

- Solid urethane construction provides excellent floor protection and durability
- Urethane helps absorb shocks and provide quieter mobility

Glass Filled Nylon

| Wheel Diameter (Inches) | Tread Width (Inches) | Bearing | Tread/Core Color | Hub Length (Inches) | Axle Size (Inches) | Durometer / Shore Scale | Dynamic Load (Pounds) | Part Number |
|-------------------------|----------------------|----------------|------------------|---------------------|--------------------|-------------------------|-----------------------|-------------|
| 3" | 1-13/16" | Precision Ball | Black | 2.03" | 7/16" | 85D | 1,000 | 006300 |

Features

- High impact resistance
- Handles heavy loads and is extremely durable
- Precision ball bearings provide easy mobility



Low Profile Solid Urethane
Page 11



Low Profile TPU
Page 11



Regent Vipor
Pages 5-7

Sockets

Wood Sockets



| Socket Number | Material | Hole Required | Track Plate | Attachment | Compatible Grip Ring/Grip Neck Fastening | Part Number |
|---------------|----------|----------------|-------------|-------------|--|-------------|
| SR2402ZN-M36 | Metal | 3/8" x 1-5/8" | 3/4" Dia. | Wood Press | 302 | 002719-50 |
| S66Z-B | Metal | 9/16" x 1-1/2" | 2-1/8" Dia. | 1/4" screws | 211, 223, 291 | 002255 |

Welded Sockets



| Socket Number | Material | Hole Required | Track Plate | Compatible Fastenings | Part Number |
|---------------|----------|---------------|-------------|-----------------------|-------------|
| S10X | Metal | 0.59" | 0.937" | 211,223, 291, 273 | 618659 |

Round Tube Sockets



Light Duty



Heavy Duty



002512

| Socket Number | Material | Tubing Gauge | Socket O.D. | Tubing I.D. (Dia.) | Compatible Grip Ring/Grip Neck Fastening | Part Number |
|---------------|----------|--------------|-------------|--------------------|--|-------------|
|---------------|----------|--------------|-------------|--------------------|--|-------------|

Light Duty

| | | | | | | |
|---------------------|---------------|---------------|-------|-------|-----|--------|
| PSR0916BR-PE (5/16) | Plastic/Brown | 9/16", 16 Ga. | 0.450 | 0.433 | 302 | 003027 |
|---------------------|---------------|---------------|-------|-------|-----|--------|

Heavy Duty

| | | | | | | |
|---------------------|--------------------------|----------------|-------|-------|--------------------|--------|
| PSR1616BK-PE (7/16) | Polyethylene Black | 1" -16 Ga. | 0.894 | 0.870 | 223, 211, 291, 273 | 002460 |
| PSR1618BK-PE (7/16) | Polyethylene Black | 1" -18 Ga. | 0.924 | 0.902 | 223, 211, 291, 273 | 002473 |
| P123 | Polyethylene Grey | 1-1/6" -13 Ga | 0.894 | 0.872 | 223, 211, 291, 273 | 43446 |
| RT123RD | Reinforced Thermoplastic | 1-1/6" -13 Ga | 0.877 | 0.872 | 223, 211, 291, 273 | 43401 |
| RT125RD | Reinforced Thermoplastic | 1" -18 Ga. | 0.907 | 0.902 | 223, 211, 291, 273 | 43403 |
| RT127RD | Reinforced Thermoplastic | 1-1/4" -16 Ga. | 1.125 | 1.12 | 223, 211, 291, 273 | 43405 |

Heavy Duty Metal (002512)

| | | | | | | |
|--------------------|-------|----------------|---|-------|-------------|--------|
| PSR2616ZN-ST(7/16) | Metal | 1-5/8" -16 Ga. | - | 1.505 | 211,273,291 | 002512 |
|--------------------|-------|----------------|---|-------|-------------|--------|

Square Tube Sockets



Light Duty



Heavy Duty



002513

| Socket Number | Material | Tubing Gauge | Socket O.D. | Tubing I.D. (Dia.) | Compatible Grip Ring/Grip Neck Fastening | Part Number |
|---------------|----------|--------------|-------------|--------------------|--|-------------|
|---------------|----------|--------------|-------------|--------------------|--|-------------|

Light Duty

| | | | | | | |
|---------------------|---------------|--------------|-------|-------|-----|--------|
| PSS1220WH-PE (5/16) | Plastic/White | 3/4" -20 Ga. | 0.695 | 0.678 | 302 | 002500 |
| PSS1616WH-PE (5/16) | Plastic/White | 1" -16 Ga. | 0.890 | 0.880 | 302 | 002492 |

Heavy Duty

| | | | | | | |
|--------------|--------------------------|-------------------|-------|-------|--------------------|--------|
| PSS1618BK-RT | Glass Filled Nylon | 1" -18 Ga. | 0.916 | 0.902 | 223, 211, 291, 273 | 001640 |
| RT620SQ | Reinforced Thermoplastic | 3/4" -16 Ga. | 0.620 | 0.62 | 223, 211, 291, 273 | 43531 |
| EW4689SQ | Polyethylene | 1" -16 Ga. | 0.917 | 0.87 | 223, 211, 291, 273 | 43484 |
| RT880SQ | Reinforced Thermoplastic | 1-1/32" .080 Wall | 0.892 | 0.88 | 223, 211, 291, 273 | 43507 |
| ER4983SQ | Reinforced Thermoplastic | 1" -18 Ga. | 0.900 | 0.902 | 223, 211, 291, 273 | 43491 |
| RT1150SQ | Reinforced Thermoplastic | 1-1/4" -18 Ga | 1.157 | 1.152 | 223, 211, 291, 273 | 43521 |
| RT1400SQ | Reinforced Thermoplastic | 1-1/2" -18 Ga | 1.407 | 1.402 | 223, 211, 291, 273 | 43519 |

Heavy Duty Metal (002513)

| | | | | | | |
|--------------------|-------|----------------|---|------|-------------|--------|
| PSR2016ZN-ST(7/16) | Metal | 1-1/4", 16 Ga. | - | 1.13 | 211,273,291 | 002513 |
|--------------------|-------|----------------|---|------|-------------|--------|

Sockets

Plastic Socket

| Socket Number | Material/Color | Tubing Gauge | Socket O.D. | Tube I.D. | Compatible Grip Ring/Grip Neck Fastening | Part Number |
|---------------------|----------------|-----------------|-------------|-----------|--|-------------|
| PSR1213WH-PE (7/16) | Plastic/White | 3/4", .083 wall | .595" | .584" | 223, 211, 291, 273 | 002515 |

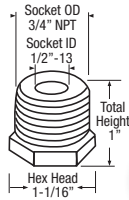


Metal Tee Nut

| Socket Number | Hole Required | Compatible Threaded Stem Fastenings | Part Number |
|---------------|---------------|-------------------------------------|-------------|
| Nut SBW33 | 3/8" | 525, 532, 545, 507 | 002348 |



Works with any 741 or 748 fastening. Use with Regent, Z Series, Ultima II & Softech.



| Material | Hex Head | Socket O.D. | Socket I.D. | Total Height | Part Number |
|----------|----------|-------------|-------------|--------------|-------------|
| Steel | 1-1/16" | 3/4" NPT | 1/2"-13 | 1" | 010003 |

Pipe Thread Socket



| Socket Number | Material* | Overall Height | Hole Diameter | Compatible Grip Ring/Neck Fast. | Part Number |
|-------------------------------|----------------|----------------|---------------|---------------------------------|-------------|
| 90°, w/11/32" Holes and Tabs | Unplated Steel | 1-1/2" | 11/32" | 223, 211, 291, 273 | 003313-20 |
| 180°, w/11/32" Holes and Tabs | Unplated Steel | 1-1/2" | 11/32" | 223, 211, 291, 273 | 003312-20 |

* Note: Zinc plated versions available by special order; consult factory.

Corner Brackets



003313-20

003312-20

Accessories

Nickel Glides



| Glide Number | Base Diameter | Description | Part Number |
|--------------|---------------|---|-------------|
| CG07NI | 7/8" Dia. | Nail-on Cushioned Rubber Glide w/ Nickel Base | 002408 |

Nickel Glides



| Glide Number | Base Diameter | Stem Dimensions | Description | Part Number |
|--------------|---------------|-------------------|-------------------------------|-------------|
| GB3 | 1-1/4" | 5/16"-18 x 1-1/2" | Rigid Stem Type Phenolic Base | 002332 |
| GB4 | 1-1/2" | 5/16"-18 x 1-1/2" | Rigid Stem Type Phenolic Base | 002333 |
| GB5 | 1-7/8" | 3/8"-16 x 1-7/8" | Rigid Stem Type Phenolic Base | 002336 |

Maxim Hex Nut Glides

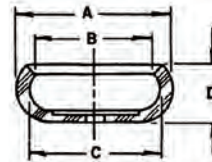


| Base Diameter | Cushion Material | Stem Dimensions | Description | Part Number |
|---------------|------------------|-------------------|--|-------------|
| 1-3/8" | PVC | 1/4"-20 x 1" | Maxim glides with hex nut at stem base | 002360 |
| 1-3/8" | Polyethylene | 5/16"-18 x 1" | Maxim glides with hex nut at stem base | 002361 |
| 1-3/8" | Polyethylene | 5/16"-18 x 1-1/2" | Maxim glides with hex nut at stem base | 002363 |
| 1-3/8" | Polyethylene | 5/16"-18 x 2" | Maxim glides with hex nut at stem base | 002365 |
| 1-3/8" | Polyethylene | 3/8"-16 x 1" | Maxim glides with hex nut at stem base | 002366 |
| 1-3/8" | Polyethylene | 3/8"-16 x 1-1/2" | Maxim glides with hex nut at stem base | 002369 |
| 1-3/8" | Polyethylene | 3/8"-16 x 3-1/2" | Maxim glides with hex nut at stem base | 002370 |
| 1-3/4" | Polyethylene | 1/4"-20 x 1" | Maxim glides with hex nut at stem base | 002372 |
| 1-3/4" | Polyethylene | 5/16"-18 x 1" | Maxim glides with hex nut at stem base | 002374 |
| 1-3/4" | PVC | 3/8"-16 x 1-1/2" | Maxim glides with hex nut at stem base | 002377 |
| 1-3/4" | Polyethylene | 3/8"-16 x 1-1/2" | Maxim glides with hex nut at stem base | 002378 |

Furniture Glide Retread Caps



| A | B | C | D | Part Number |
|-------------|-------------|-------------|-----------|-------------|
| 1.120/1.130 | .920/.930 | 1.019/1.029 | .365/.375 | 004632 |
| 1.265/1.275 | .995/1.010 | 1.105/1.115 | .365/.375 | 004634 |
| 1.360/1.375 | 1.130/1.145 | 1.190/1.205 | .345/.390 | 004636 |
| 1.357/1.375 | 1.158/1.180 | 1.245/1.255 | .375/.390 | 004637 |
| 1.360/1.370 | 1.160/1.170 | 1.260/1.270 | .375/.385 | 004638 |
| 1.480/1.490 | 1.255/1.265 | 1.375/1.385 | .415/.425 | 004641 |



Fastenings

7

SWIVEL AND RIGID PLATE FASTENING MEASUREMENT GUIDE

On the next seven pages the Shepherd top plate illustrations are available at actual size for your identification convenience. For other plate sizes first lay the corner of the plate at the arrow. This will give you overall plate size. Then lay the center of one of the bolt holes in the same position, this will help you figure the bolt hole spacing. Finally refer to chart below to determine the fastening number.

Stem fastenings are on pages 51-58.

6

For a complete list of fastenings see page 56.

5

| Fastening Number | Plate Size | Bolt Hole Spacing | Caster Series | Diagram Page |
|------------------|-------------------|----------------------------|---|--------------|
| 101 | 1-1/2" x 1-1/2" | 1" x 1" | Ball, Softech, Ultima, Pacer, Source II, Genesis TW | 52 |
| 108 | 1-3/4" x 2-5/8" | 31/32" x 2-1/8" | Regent, Monarch | 52 |
| 112 | 1-7/8" x 2-9/16" | 15/16" x 2-1/8" | General Duty | 52 |
| 113 | 1-3/16" x 2" | 13/16" x 1-9/16" | Regent, Monarch, Baron, Ball, Pacer Source II | 52 |
| 115 | 2-3/4" x 3-7/8" | 1-3/4" x 3" | General Duty | 52 |
| 116 | 2-3/16" x 2-9/16" | 1-5/8" x 2" | Softech, Ultima | 52 |
| 119 | 3-1/8" x 4-1/8" | 2-3/8" x 3-3/8" to 3-7/16" | General Duty | 53 |
| 120 | 2-5/8" x 3-3/4" | 1-3/4" x 2-3/4" to 3" | Regent, 00, Genesis, Softech, Ultima | 53 |
| 121 | 4" x 5-1/8" | 3" x 4" | General Duty | 53 |
| 122 | 1-1/2" x 2-11/16" | 15/16" x 2-1/8" | General Duty | 53 |
| 123 | 2-1/8" x 4-3/8" | 1-1/16" x 3-1/2" | General Duty | 54 |
| 124 | 2-5/16" x 4-7/8" | 1-3/16" x 4" | General Duty | 54 |
| 125 | 3-1/16" x 6-1/8" | 1-3/4" x 5" | General Duty | 54 |
| 134 | 1-1/4" x 2-3/8" | 13/16" x 1-7/8" | Omega | 55 |
| 138 | 2-1/2" x 3-5/8" | 1-3/4" x 2-3/4" to 2-7/8" | BLS/BMS | 55 |
| 140 | 1-3/4" x 3" | 1" x 2-1/4" | RS/RT, Ball | 55 |
| 142 | 2-1/2" x 3-5/8" | 1-3/4" x 2-3/4"-3" | BDS/BDR | 55 |
| 152 | 3-1/8" x 4-1/8" | 2-3/8" x 3-3/8" | BLS/BMS | 55 |

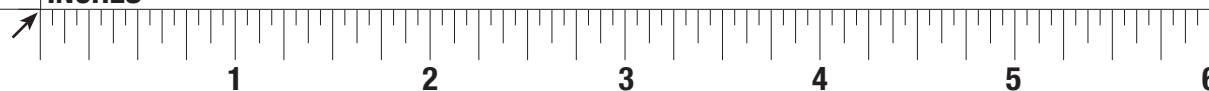
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3

2

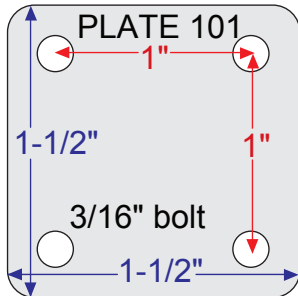
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INCHES

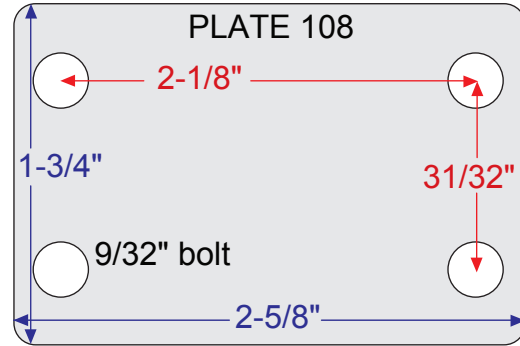


Fastenings

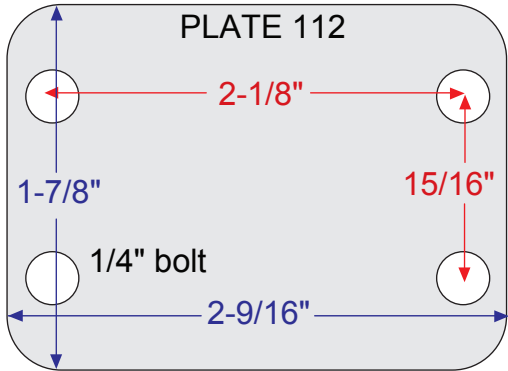
Actual sizes of the more popular top plates.



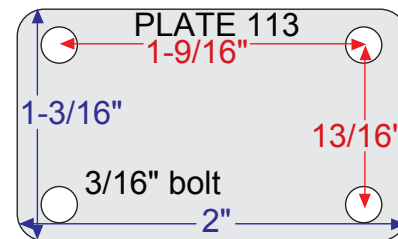
Ball, Softech, Ultima, Pacer, Source II, Genesis TW



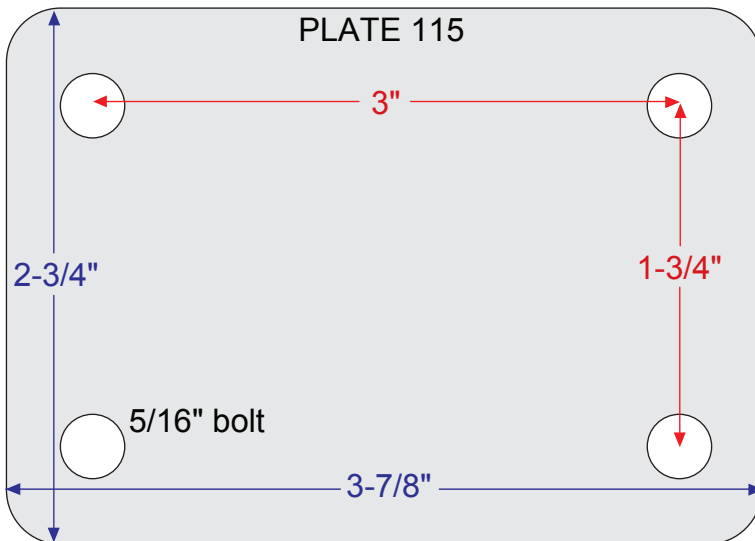
Regent, Monarch



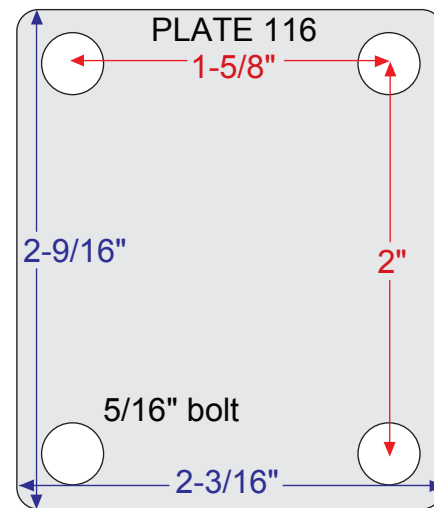
General Duty



Regent, Monarch, Baron, Ball, Pacer Source II

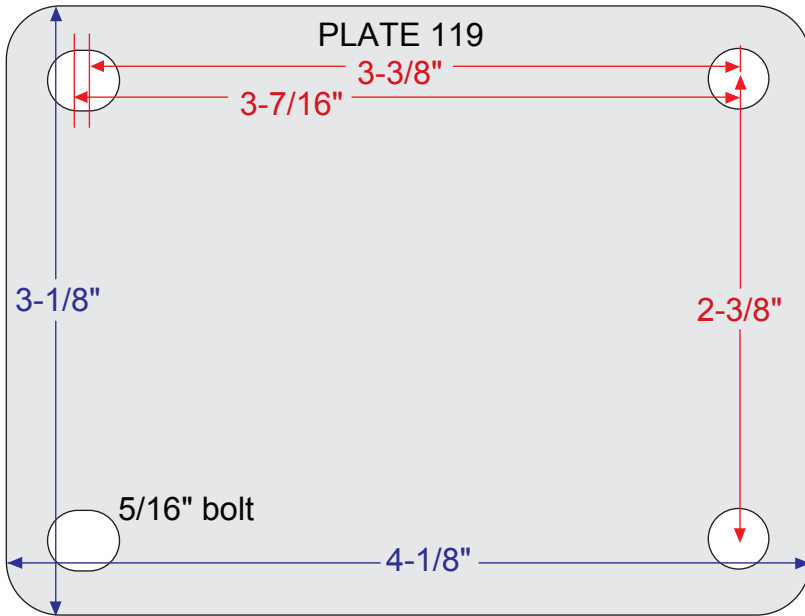


General Duty

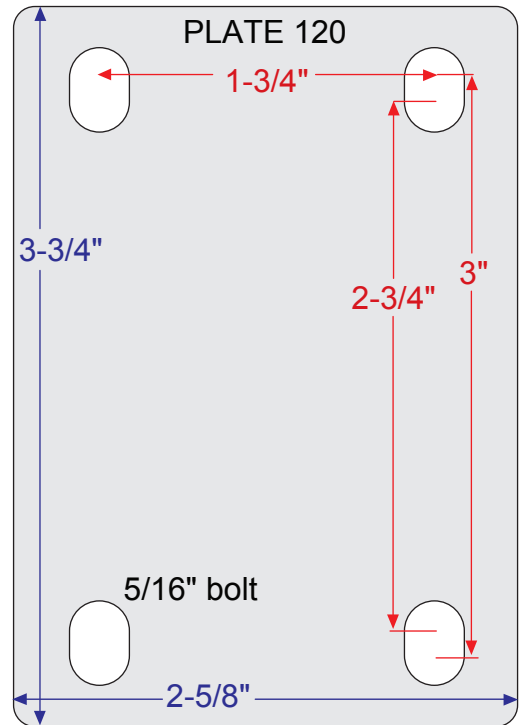


Softech, Ultima

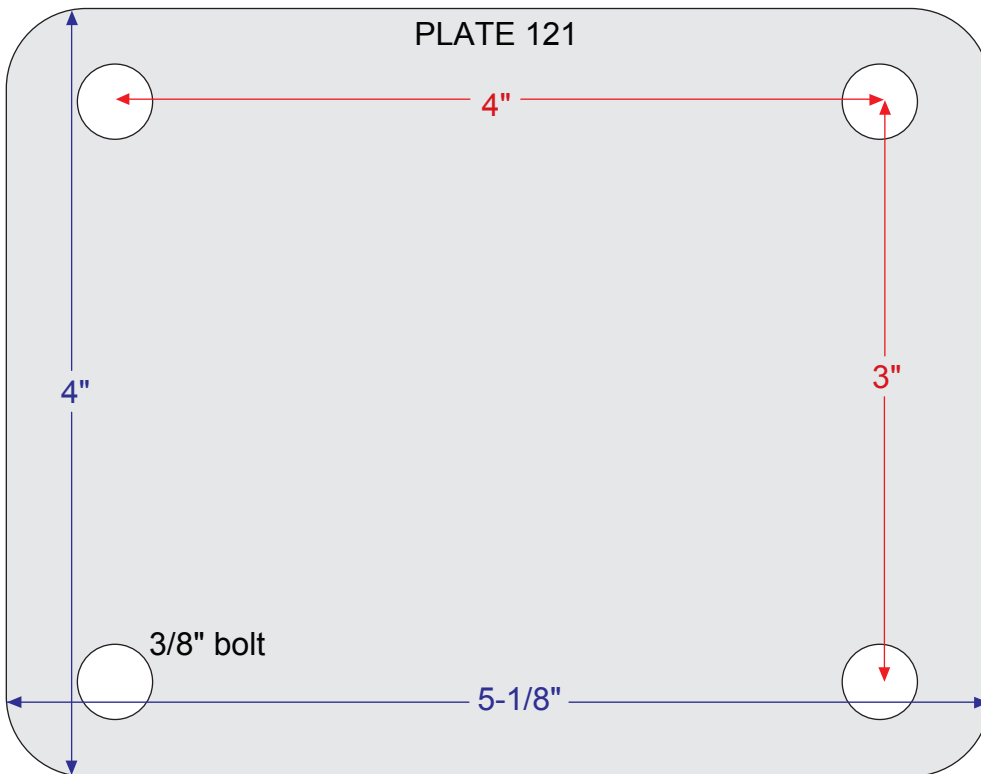
Fastenings



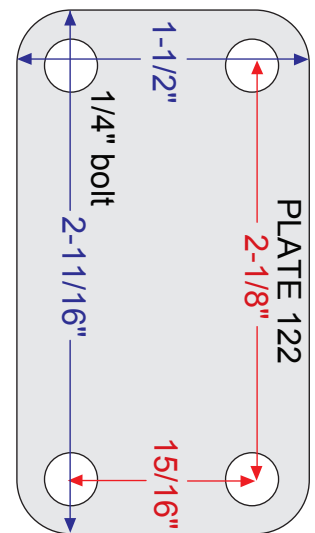
General Duty



Regent, 00, Genesis, Softech, Ultima

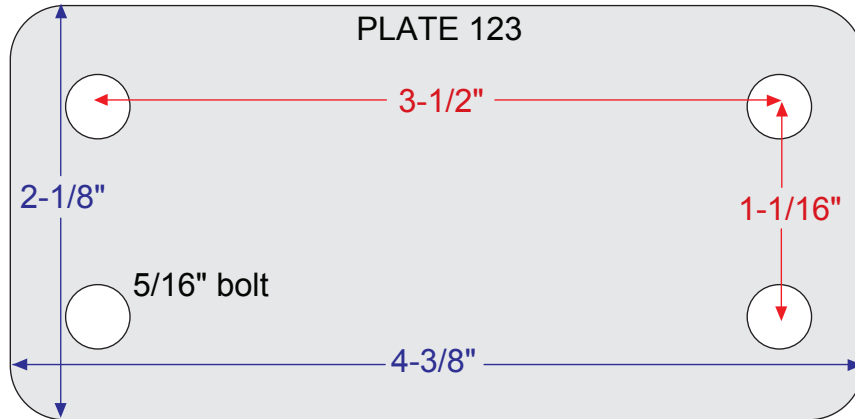


General Duty

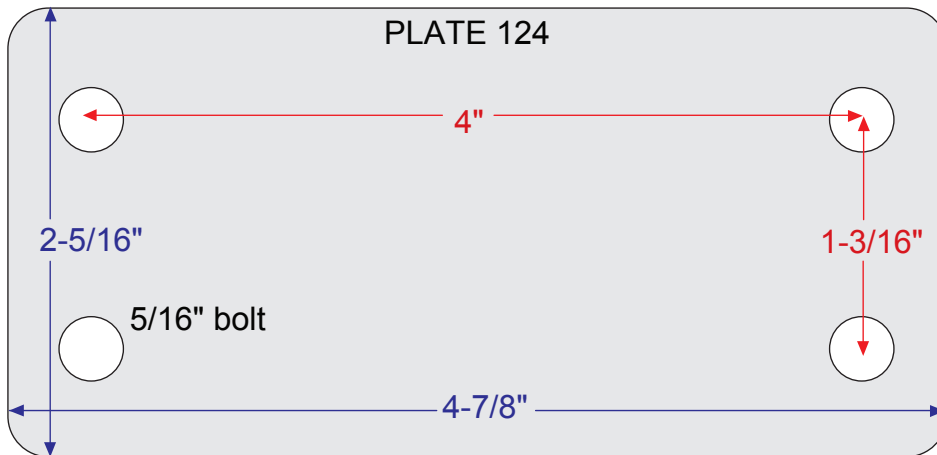


General Duty

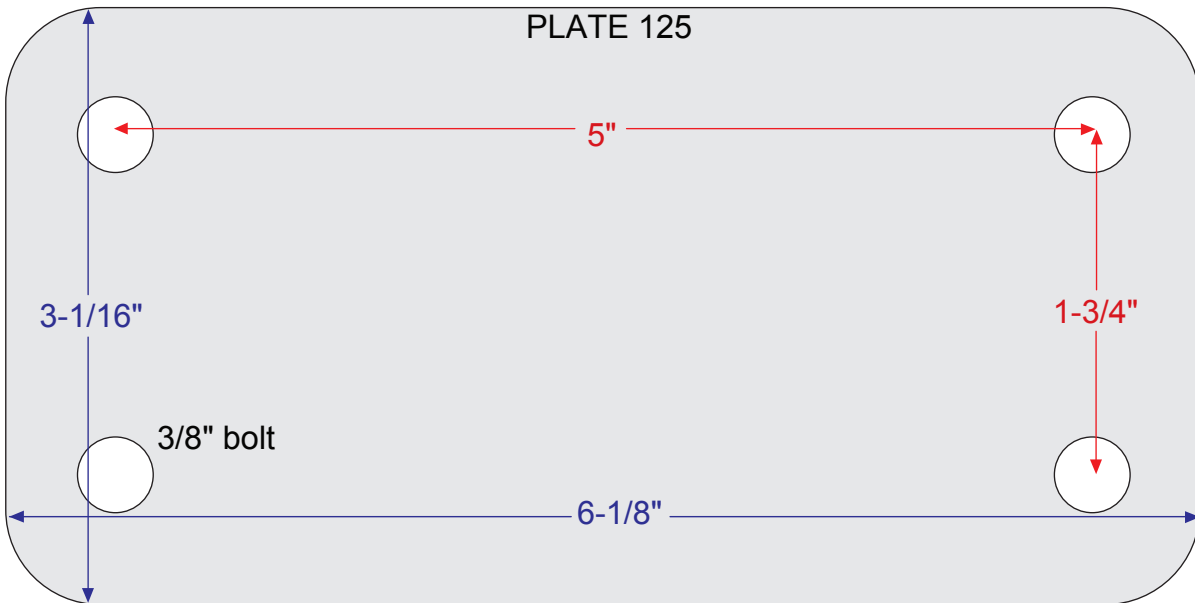
Fastenings



General Duty

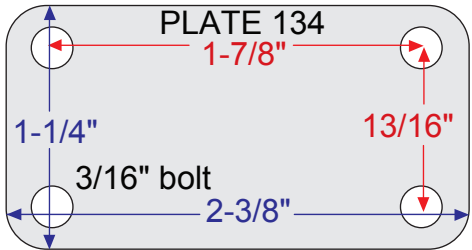


General Duty

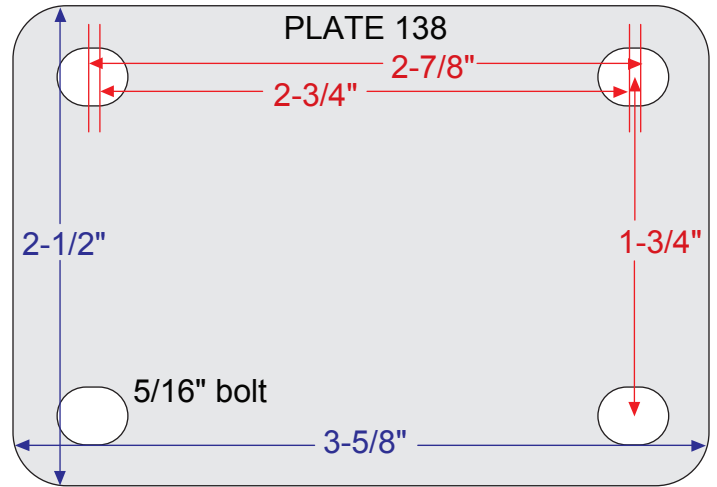


General Duty

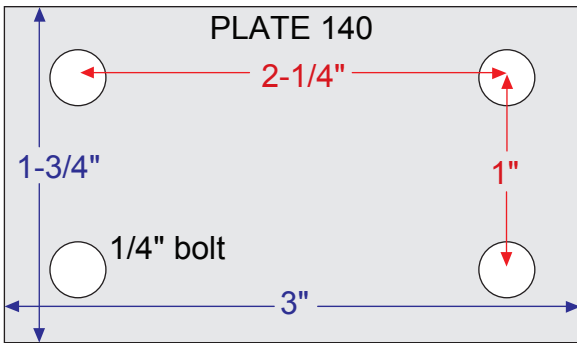
Fastenings



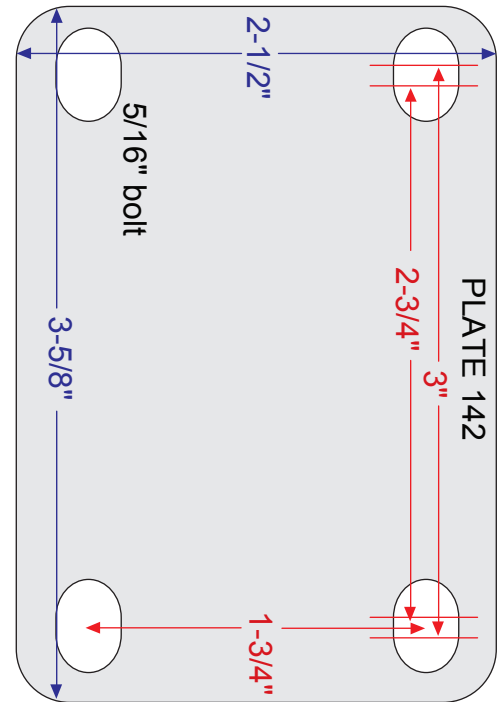
Omega



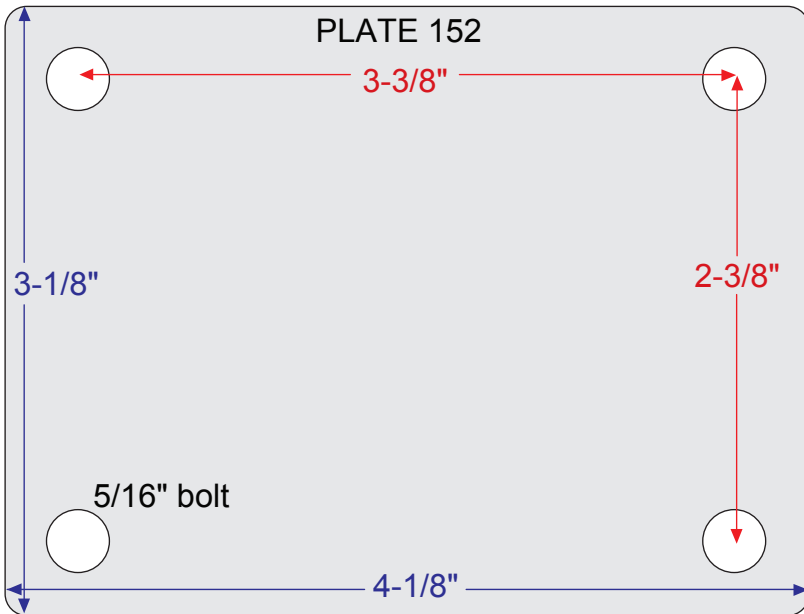
BLS/BMS



RS/RT

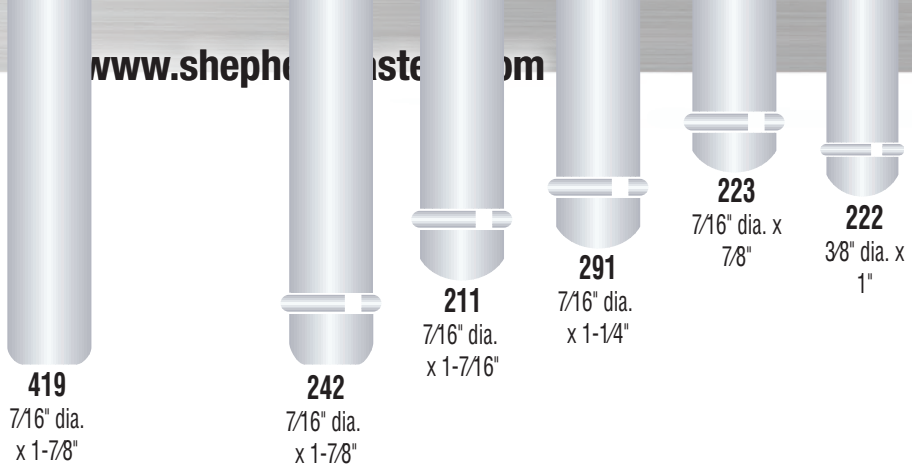


BDS/BDR



BLS/BMS

Fastenings



STEM FASTENING IDENTIFICATION GUIDE

Match fastening to corresponding illustration. Replacement grip ring stems can be slightly shorter than original stem and still be suitable. A rounded or squared stem head has no effect on fit. **All fastenings shown are actual size.**

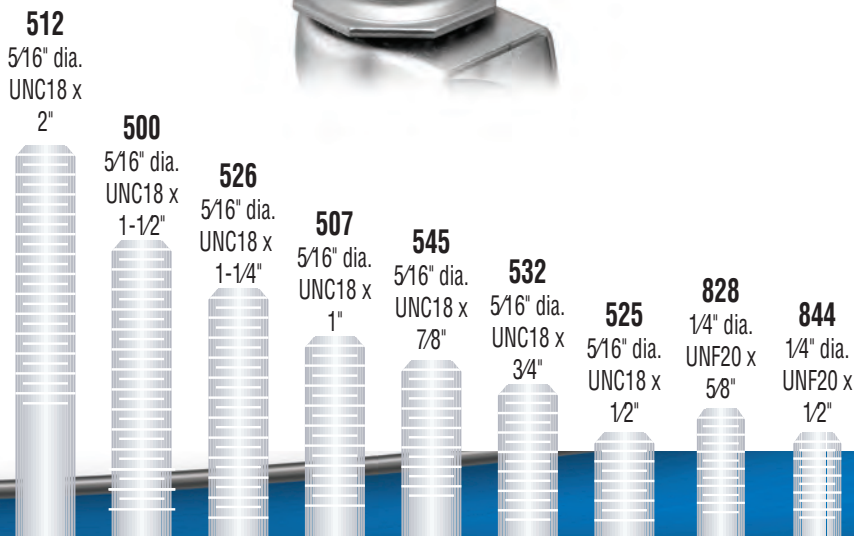
Plain Stem



Grip Ring Stem



Threaded Stem



Fastenings

273
7/16" dia.
x 1-3/8"
brass band

204
7/16" dia. x 2"
brass band

302
5/16" dia.
x 1-1/2"

Grip Ring Brass Band Stem



Grip Neck Stem



Threaded Stem Continued



639
3/8" dia.
UNF24 x
5/8"

637
3/8" dia.
UNC16 x
3/4"

634
3/8" dia.
UNC16 x
1"

605
3/8" dia.
UNC16 x
1-1/2"

800
7/16" dia.
UNC14 x
1-1/2"

806
7/16" dia.
UNC14 x
2-1/4"

741
1/2" dia.
UNC13 x
1"

705
1/2" dia.
UNC13 x
2-13/16"

748
1/2" dia.
UNC13 x
1-1/2"

824
5/8" dia.
UNC11 x
1-3/4"

825
3/4" dia.
UNC10 x
1-1/2"



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MedCasterTM

CATALOG
2024



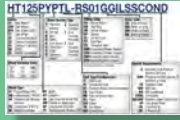
Your best
MOVE for
Healthcare
Equipment!

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Page 6-8

MedCaster Inc. is focused on the manufacturing and supply of casters and wheels to the Medical and Pharmaceutical industries. Our broad line of products and expertise allows us to meet our customer's needs. MedCaster can also design and produce casters and wheels that meet your specific requirements such as custom colors or other specifications. Please contact us toll free at 800-253-0868 or email us at info@medcaster.com.

NYLON CASTERS

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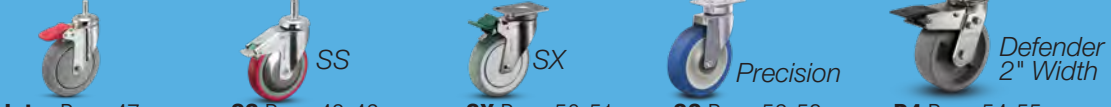
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ACCESSORIES

Accessories (Page 63-66)



Conversions (Page 67)

Inches/Millimeter Conversion

| Inches | Millimeters | Inches | Millimeters | Inches | Millimeters |
|--------|-------------|--------|-------------|--------|-------------|
| 1.00 | 25.40 | 1.00 | 25.40 | 1.00 | 25.40 |
| 1.02 | 25.91 | 1.02 | 25.91 | 1.02 | 25.91 |
| 1.04 | 26.42 | 1.04 | 26.42 | 1.04 | 26.42 |
| 1.06 | 26.93 | 1.06 | 26.93 | 1.06 | 26.93 |
| 1.08 | 27.44 | 1.08 | 27.44 | 1.08 | 27.44 |
| 1.10 | 27.95 | 1.10 | 27.95 | 1.10 | 27.95 |
| 1.12 | 28.46 | 1.12 | 28.46 | 1.12 | 28.46 |
| 1.14 | 28.97 | 1.14 | 28.97 | 1.14 | 28.97 |
| 1.16 | 29.48 | 1.16 | 29.48 | 1.16 | 29.48 |
| 1.18 | 30.00 | 1.18 | 30.00 | 1.18 | 30.00 |
| 1.20 | 30.51 | 1.20 | 30.51 | 1.20 | 30.51 |
| 1.22 | 31.02 | 1.22 | 31.02 | 1.22 | 31.02 |
| 1.24 | 31.53 | 1.24 | 31.53 | 1.24 | 31.53 |
| 1.26 | 32.04 | 1.26 | 32.04 | 1.26 | 32.04 |
| 1.28 | 32.55 | 1.28 | 32.55 | 1.28 | 32.55 |
| 1.30 | 33.06 | 1.30 | 33.06 | 1.30 | 33.06 |
| 1.32 | 33.57 | 1.32 | 33.57 | 1.32 | 33.57 |
| 1.34 | 34.08 | 1.34 | 34.08 | 1.34 | 34.08 |
| 1.36 | 34.59 | 1.36 | 34.59 | 1.36 | 34.59 |
| 1.38 | 35.10 | 1.38 | 35.10 | 1.38 | 35.10 |
| 1.40 | 35.61 | 1.40 | 35.61 | 1.40 | 35.61 |
| 1.42 | 36.12 | 1.42 | 36.12 | 1.42 | 36.12 |
| 1.44 | 36.63 | 1.44 | 36.63 | 1.44 | 36.63 |
| 1.46 | 37.14 | 1.46 | 37.14 | 1.46 | 37.14 |
| 1.48 | 37.65 | 1.48 | 37.65 | 1.48 | 37.65 |
| 1.50 | 38.16 | 1.50 | 38.16 | 1.50 | 38.16 |
| 1.52 | 38.67 | 1.52 | 38.67 | 1.52 | 38.67 |
| 1.54 | 39.18 | 1.54 | 39.18 | 1.54 | 39.18 |
| 1.56 | 39.69 | 1.56 | 39.69 | 1.56 | 39.69 |
| 1.58 | 40.20 | 1.58 | 40.20 | 1.58 | 40.20 |
| 1.60 | 40.71 | 1.60 | 40.71 | 1.60 | 40.71 |
| 1.62 | 41.22 | 1.62 | 41.22 | 1.62 | 41.22 |
| 1.64 | 41.73 | 1.64 | 41.73 | 1.64 | 41.73 |
| 1.66 | 42.24 | 1.66 | 42.24 | 1.66 | 42.24 |
| 1.68 | 42.75 | 1.68 | 42.75 | 1.68 | 42.75 |
| 1.70 | 43.26 | 1.70 | 43.26 | 1.70 | 43.26 |
| 1.72 | 43.77 | 1.72 | 43.77 | 1.72 | 43.77 |
| 1.74 | 44.28 | 1.74 | 44.28 | 1.74 | 44.28 |
| 1.76 | 44.79 | 1.76 | 44.79 | 1.76 | 44.79 |
| 1.78 | 45.30 | 1.78 | 45.30 | 1.78 | 45.30 |
| 1.80 | 45.81 | 1.80 | 45.81 | 1.80 | 45.81 |
| 1.82 | 46.32 | 1.82 | 46.32 | 1.82 | 46.32 |
| 1.84 | 46.83 | 1.84 | 46.83 | 1.84 | 46.83 |
| 1.86 | 47.34 | 1.86 | 47.34 | 1.86 | 47.34 |
| 1.88 | 47.85 | 1.88 | 47.85 | 1.88 | 47.85 |
| 1.90 | 48.36 | 1.90 | 48.36 | 1.90 | 48.36 |
| 1.92 | 48.87 | 1.92 | 48.87 | 1.92 | 48.87 |
| 1.94 | 49.38 | 1.94 | 49.38 | 1.94 | 49.38 |
| 1.96 | 49.89 | 1.96 | 49.89 | 1.96 | 49.89 |
| 1.98 | 50.40 | 1.98 | 50.40 | 1.98 | 50.40 |
| 2.00 | 50.91 | 2.00 | 50.91 | 2.00 | 50.91 |

Antimicrobial Casters and Wheels

How It Works:

Our antimicrobial wheels, thread guards, and forks incorporate a specialized compound designed to inhibit the growth of various destructive and odor-causing microbes, including bacteria, molds, mildew, and fungi. The active ingredients within this compound neutralize the microbes' ability to function, grow, and reproduce.

Duration of Protection:

Engineered to remain effective against microbes throughout the entire lifespan of the product, our antimicrobial wheels ensure lasting protection. The antimicrobial agent is stored within the polymer and gradually released to the wheel's surface over time.

Resistance to Wear and Tear:

Unlike surface coatings, our antimicrobial wheel protection is an integral part of the product, making it resilient to abrasion, chips, scratches, tread wear, or even wax buildup. No matter the wear and tear, the effectiveness in fighting bacteria remains unaffected.

Cleaning Practices:

While our antimicrobial compound provides an additional layer of protection, it does not replace the need for regular cleaning practices. These wheels are designed to complement and enhance your existing cleaning program. Always adhere to good hygiene practices for optimal results.

Safety Assurance:

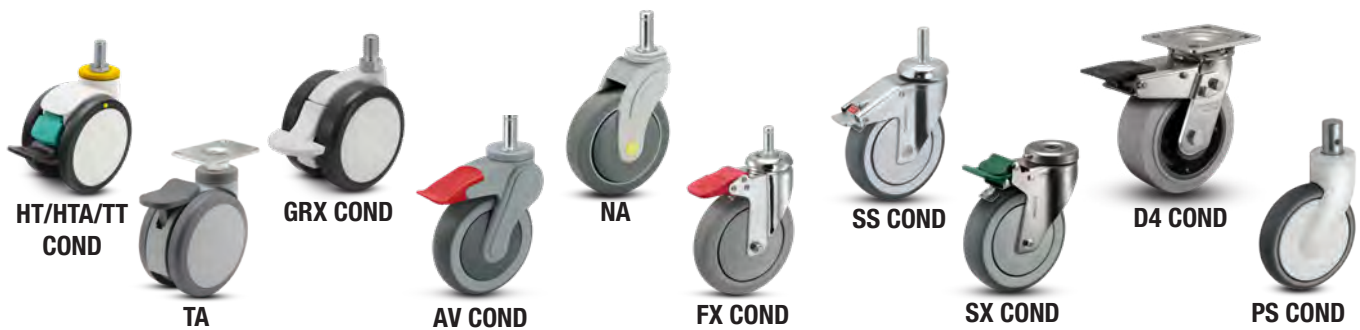
With a history of more than 25 years of use in hospitals and approval from regulatory authorities like the US Environmental Protection Agency (EPA), the European Union (EU), the National Sanitation Foundation (NSF), and others, our antimicrobial compound is a trusted choice.



Get a Handle on Your Electrostatic Discharge Problem



In the medical industry, the electrostatic discharge from a simple human touch can result in costly and frustrating damage to electronic equipment. MedCaster offers conductive/antistatic casters and wheels designed to minimize this risk. Our conductive casters conform to CEN standards, with resistance values of less than 10,000 ohms (measured at 500V DC, with a minimum output of 50V DC at 1,000 ohms resistance). Invest in MedCaster conductive casters for reliable protection against electrostatic discharge in your medical applications.



Compliance Information

Please work with your sales representative for compliance requirements on a part specific basis.

New Model Number System

Twin Nylon (HT) Example:

HT125PYPTL-RS01GGILSSCOND

Series

| | |
|------------|---------------------|
| HT | Twin Wheel |
| GRX | Twin Wheel |
| HTA | Twin Wheel Light |
| TT | Twin Wheel |
| FX | Chrome/Stainless |
| CS | Chrome Precision |
| SC | Stainless Precision |
| BB | BBTEK |
| DT | BBTEK Streamline |
| CT | Central Lock |

Wheel Bearing Type

| | | | |
|----------|-------------------|----------|---------------------|
| P | Precision Bearing | X | Stainless Precision |
| A | Annular | Y | Dual |
| B | Ball | | Pressed |
| D | Delrin | | Precision |
| N | Plain Nylon | Z | Dual |
| O | Plain Bore | | Pressed |
| R | Roller | | Stainless |
| S | Stainless Roller | | Precision |

Fitting Code

| | |
|------------|-------------------------|
| RS | Round Stem |
| GR | Grip Ring |
| HK | Hollow Kingpin |
| SP | Special |
| CL | Central Lock |
| TP | Top Plate |
| TS | Threaded Stem |
| XRR | Expanding Rubber Round |
| XSR | Expanding Rubber Square |
| XRN | Expanding Nylon Round |
| XSN | Expanding Nylon Square |

Color Code

| | |
|-----------|----------------|
| GG | Gray on Gray |
| WG | White on Gray |
| WB | White on Black |
| BK | Black on Black |

Actual Color Codes vary by series.

Wheel Diameter (mm)

| | | |
|----|-----|------------|
| 30 | 65 | 125 |
| 38 | 75 | 150 |
| 50 | 100 | 200 |

Wheel Type

| | | | |
|-----------|---------------------------------|-----------|--------------------------|
| PY | Polyurethane TPU | NY | Nylon |
| AM | Antimicrobial TPR/TPE | PP | Pololefin |
| AR | Antimicrobial Rubber/Sterilizer | QR | Quik-Start Performa TPE |
| CR | Conductive TPR/TPE | RM | Rubber on Metal Disk |
| NR | Neoprene Rubber | RP | Santoprene TPR 85A |
| | | TP | Thermoplastic Rubber TPR |

Fork Type/Configuration

| | |
|-----------|----------------------------------|
| TL | Total Lock |
| DL | Directional Lock |
| DT | Direction/Total Lock Combination |
| FB | Face Brake |
| RB | Rigid on Brake body |
| RG | Rigid |
| SW | Swivel |
| TB | Top Brake |
| WB | Wheel Brake |

Special Requirements

| | |
|---------------|--|
| IL | Mounting Hole Inline to direction of travel |
| @90 | Fitting turned 90 degrees to direction of travel |
| SS | Stainless Steel |
| MRI | MRI Safe |
| MR | MR Conditional |
| COND | Conductive |
| SSCOND | Stainless Steel Conductive |
| GP | Gray Brake Pedal |
| 1SL | 1 position DL |
| 2SL | 2 Position DL |

See fitting information on next pages.

Legacy Model Number System

Avant (AV) Example:

AV05QRP125DLTP01SS

Series

| | |
|-----------|-------------------------|
| AV | Avant |
| CN | Chrome Neoteq |
| DN | Dual Neoteq |
| DW | Dual Wheel Chrome |
| NA | NG Conductive |
| NG | Nylon Next Gen |
| NM | NG NMR Conditional |
| NS | NG Stainless |
| PS | Primacy Single |
| RZ | Razer Chrome |
| SS | Stainless Hospital |
| SX | Stainless Hospital Gen2 |
| TA | Twin Med Conductive |
| TG | Twin Med Gray |
| TM | Twin Med Original |

Wheel Bearing Type

| | | | |
|----------|-------------------|----------|---------------------|
| P | Precision Bearing | X | Stainless Precision |
| A | Annular | Y | Dual |
| B | Ball | | Pressed |
| D | Delrin | | precision |
| N | Plain Nylon | Z | Dual |
| O | Plain Bore | | Pressed |
| R | Roller | | Stainless |
| S | Stainless Roller | | Precision |

Wheel Diameter (Inches)

| | |
|-------------|-------------|
| 025= | .25" |
| 050= | .50" |
| 075= | .75" |
| 100= | 1.0 |
| 125= | 1.25 |
| 150= | 1.5 |
| 200= | 2.0 |
| 281= | 2.81 |
| 283= | 2.83 |

Fitting Code

| | |
|------------|-------------------------|
| TP | Top Plate |
| RS | Round Stem |
| GR | Grip Ring |
| HK | Hollow Kingpin |
| SP | Special |
| CL | Central Lock |
| TS | Threaded Stem |
| XRR | Expanding Rubber Round |
| XSR | Expanding Rubber Square |
| XRN | Expanding Nylon Round |
| XSN | Expanding Nylon Square |

Color Code (When Applicable)

| | |
|-----------|----------------|
| GG | Gray on Gray |
| WG | White on Gray |
| WB | White on Black |
| BK | Black on Black |

Actual Color Codes vary by series.

Wheel Type

| | |
|-----------|---------------------------------|
| QR | Quik-Start Performa TPE |
| PY | Polyurethane TPU |
| AM | Antimicrobial TPR/TPE |
| AR | Antimicrobial Rubber/sterilizer |
| CR | Conductive TPR/TPE |
| NR | Neoprene Rubber |
| NY | Nylon |
| PP | Pololefin |
| RM | Rubber on Metal Disk |
| RP | Santoprene TPR 85A |
| TP | Thermoplastic Rubber TPR |

Fork Type/Configuration

| | | | |
|-----------|----------------------------------|-----------|-------------|
| DL | Directional Lock | RG | Rigid |
| TL | Total Lock | SW | Swivel |
| DT | Direction/Total Lock Combination | TB | Top Brake |
| FB | Face Brake | WB | Wheel Brake |
| RB | Rigid on Brake Body | | |

See fitting information on next pages.

Special Requirements

| | |
|-------------|--|
| IL | Mounting Hole Inline to direction of travel |
| @90 | Fitting turned 90 degrees to direction of travel |
| SS | Stainless Steel |
| SSTG | Stainless Steel Thread Guard |
| PS | Precision Swivell |
| COND | Conductive |
| GP | Gray Brake Pedal |
| 1SL | 1 position DL |
| 2SL | 2 Position DL |

Wheel Diameter (Inches)

| | | | |
|------------|-----------|-----|----|
| 02= | 2" | 06= | 6" |
| 04= | 4" | 08= | 8" |
| 05= | 5" | | |

Fork Only Numbering
Fork less wheel model numbering system is similar to caster numbering system, except no wheel/bearing code.
AV05125DLTP01SS

Wheel Numbering
Wheel numbering is similar to casters, but deletes fitting code and everything to the right. Last two digits are a special axle code where 04=1/4, 05=5/16", 06=3/8", 08=1/2", 10=5/8" and 12=3/4" axle.
AV05QRP12504

Stem Fittings

Hollow Kingpins



Hollow Kingpins

| Fitting Code | Dimensions | EDP of Complete part below |
|--------------|----------------------|--|
| HK01 | 12.7-13mm ID | Fits both M12 and 1/2-13 sized bolts |
| HK02 | 12.2mm ID | Fits M12 bolt only |
| HK04 | 11mm ID | Fits M10 and 3/8-16 bolts CN / RZ / NG03 |
| HKU1 | 12.7-13mm ID | Unassembled caster kit |
| HKU2 | 12.2mm ID | Unassembled caster kit |
| HKU4 | 11mm ID | Unassembled caster kit |
| HT01 | 1/2-13 threaded hole | Special order - with MOQ |
| HT03 | 3/8-16 threaded hole | Special order - with MOQ |

Hollow Kingpin Spacers

| Fitting Code | Dimensions |
|--------------|--|
| NGSPCR06 | Spacer to reduce NG series from 13mm HK to 11mm HK |
| AVSPCR06 | Spacer to reduce Avant series from 13mm HK to 11mmHK |

Round Stems



| Fitting Code | Dimensions | EDP of Complete part below |
|--------------|-------------------------------------|-----------------------------------|
| RS01 | 22mm x 45mm | M8 hole @ 19mm |
| RS02 | 25.4mm x 45mm | M8 hole @ 19mm |
| RS03 | 27.8mm x 45mm | M8 hole @ 19mm |
| RS05 | 32mm x 45mm | M6 hole @ 7mm |
| RS17 | 7/16 x 1-7/8" Round stem w/ no hole | Avant 75mm 75mm only (Pintle pin) |

Square Stems



Available upon Request - Consult Factory.
MOQ may apply

Grip Ring Stems



| Fitting Code | Dimensions | EDP of Complete part below |
|--------------|-----------------------------------|------------------------------|
| GR01 | 7/16 x 7/8 round | 05502.40 + 1/2-13 Bolt |
| GRS1 | 7/16 x 7/8 round 304 Stainless | 05502.41 + 1/2-13 Bolt |
| GR02 | 7/16 x 1-7/16 round | 05502.42 + 1/2-13 Bolt |
| GRS2 | 7/16 x 1-7/16 round 304 Stainless | 05502.43 + 1/2-13 Bolt |
| GR03 | 3/8 x 7/8 round | 05502.44 + 1/2-13 Bolt |
| GR04 | 5/8 x 1-5/8 round | 05502.45 + T1/2-13 Bolt |
| GR09 | .845 x 2-3/16 round | 05502.46 + 1/2-13 Bolt |
| GR10 | 7/16 x 1-3/8 round | 05502.47 + 1/2-13 Bolt |
| GR11 | .845 x 2-3/16 round Stainless | |
| GR19 | 3/8" x .75" Grip ring | Avant 75mm only (Pintle pin) |
| GR20 | 11x30mm (7/16 x 1-3/16) | GRX series only |

Expanding Adapters



Round Nylon Expanding Adapters

| Fitting Code | Dimensions | EDP of Complete part below | Rhombus PN |
|--------------|--------------------------|----------------------------|------------|
| XRN1 | .70-.78" (17.8-19.7mm) | 907170 + M12 Bolt | R66 |
| XRN2 | .78-.85" (19.8-21.7mm) | 907171 + M12 Bolt | R67 |
| XRN3 | .86-.97" (21.8-24.7mm) | 907172 + TM12 Bolt | R68 |
| XRN4 | .97-1.13" (24.8-28.7mm) | 907173 + M12 Bolt | R69 |
| XRN5 | 1.14-1.29" (28.8-32.7mm) | 907174 + M12 Bolt | R70 |



Square Nylon Expanding Adapters

| Fitting Code | Dimensions | EDP of Complete part below | Colson PN |
|--------------|--------------------------|----------------------------|-----------|
| XSN1 | .78-.81" (19.6 - 20.9mm) | 907175 + M12 Bolt | R71 |
| XSN2 | .83-.87" 21.0-21.9mm | 907176 + M12 Bolt | R72 |
| XSN3 | .88-.94" (22.0-24.0mm) | 907177 + M12 Bolt | R73 |
| XSN5 | .985-1.12" (25.8-28.5mm) | 907178 + M12 Bolt | R75 |
| XSN6 | 1.13-1.16" 28.6-29.5mm | 907179 + M12 Bolt | R76 |
| XSN7 | 1.16-1.29" (29.6-32.7mm) | 907180 + M12 Bolt | R77 |
| XSN9 | 1.36-1.46" (34.6-37.0mm) | 907181 + M12 Bolt | R79 |



Expanding Adapter Round Stem for Round Tubing

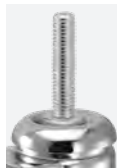
| Fitting Code | Dimensions | EDP of Complete part below | Colson PN |
|--------------|------------------------------|----------------------------|-----------|
| XRR1 | .75 -.81" (19.04-20.62mm) | 05502.40 + 1/2-13 Bolt | MTG40 |
| XRR2 | .88-.94" (22.21-23.79mm) | 05502.41 + 1/2-13 Bolt | MTG41 |
| XRR3 | 1.0 - 1.06" (25.4-26.99mm) | 05502.42 + 1/2-13 Bolt | MTG42 |
| XRR4 | 1.13 - 1.19" (28.7-30.23mm) | 05502.43 + 1/2-13 Bolt | MTG43 |
| XRR5 | 1.25 - 1.31" (31.75-33.27mm) | 05502.44 + 1/2-13 Bolt | MTG44 |
| XRR6 | 1.38 - 1.44" (35.05-36.57mm) | 05502.45 + T1/2-13 Bolt | MTG45 |
| XRR7 | 1.5 - 1.56" (38.1-39.62mm) | 05502.46 + 1/2-13 Bolt | MTG46 |
| XRR8 | 1.63 - 1.69" (41.4-42.93mm) | 05502.47 + 1/2-13 Bolt | MTG47 |



Expanding Adapter Round Stem for Square Tubing

| Fitting Code | Dimensions | EDP of Complete part below | Colson PN |
|--------------|------------------------------|----------------------------|-----------|
| XSR2 | .88-.94" (22.21-23.79mm) | 05502.51 + 1/2-13 Bolt | MTG51 |
| XSR3 | 1.0 - 1.06" (25.4-26.99mm) | 05502.52 + 1/2-13 Bolt | MTG52 |
| XSR4 | 1.13 - 1.19" 28.7-30.23mm | 05502.53 + 1/2-13 Bolt | MTG53 |
| XSR5 | 1.25 - 1.31" (31.75-33.27mm) | 05502.54 + 1/2-13 Bolt | MTG54 |
| XSR6 | 1.38 - 1.44" (35.05-36.57mm) | 05502.55 + T1/2-13 Bolt | MTG55 |

Threaded Stems



| Fitting Code | Dimensions | Additional Information |
|--------------|----------------------------------|------------------------|
| TS01 | 1/2-13NC x 3/4 | |
| TS02 | 1/2-13NC x 1 | |
| TS03 | 1/2-13NC x 1-1/2 | |
| TS04 | 1/2-13NC x 2 | |
| TS05 | 7/16-14NC x 1-3/4 | |
| TS06 | 3/8-16NC x 1 | |
| TS07 | M12 x 1.75 x 25.4mm | |
| TS11 | 1/2-13NC x 3/4 stainless 304ss | |
| TS12 | 1/2-13NC x 1 stainless 304ss | |
| TS13 | 1/2-13NC x 1-1/2 stainless 304ss | |
| TS14 | 1/2-13NC x 2 stainless 304ss | |
| TS15 | M10 x 1.50p X 15mm | |
| TS16 | M12 X 20mm | |
| TS18 | M16 x 20 | |
| TS19 | M12 x 28mm | |
| TS20 | M10 x 17 | |
| TS21 | M12 X 1.75p x 60MM | |
| TS21s | M12 X 1.75p x 60MM 304ss | |
| TS22 | 1/2-13 x 2.69" | |
| TS22S | 1/2-13 x 2.69" 304ss | |
| TS23 | M12 X 15MM | |
| TS24 | 3/8-16NC x .75 | |
| TS25 | 3/8-16NC x 1.5 | |
| TS28 | 5/16"-18 x .75" | |
| TS30 | M12 x 1.75p x .75" | |
| TS33 | 5/16-18x1" | |

| Fitting Code | Dimensions | Additional Information |
|--------------|---|------------------------|
| TS34 | M10-1.5 x 25.4mm | |
| TS35 | M12 x 25mm 304 Stainless | |
| TS37 | M12 x 1.75p x 38mm | |
| TS38 | M10 x 1.5p x 20mm | |
| TS39 | M12 x 1.75 x 70mm Low Profile Cap Screw | |
| TS40 | M16 x 2.0 x 25mm | |
| TS40F | M16 x 2.0 x 25mm with 2 Flats | |
| TS41 | 3/4-10 x 1.38" | |
| TS42 | M10-1.5x25.4mm 304ss | |
| TS43 | 3/8-16 x 2.25" | |
| TS44SS | M16 x 2.0P x 40mm Stainless Steel | |
| TS45 | M10-1.5x45mm | |
| TS46 | M16 x 2.0 x 38mm | |
| TS46F | M16 x 2.0 x 38mm with 2 Flats | |
| TS50 | 1/2-13x 1/2" | |
| TS51 | 5/16-18 x .75" | |
| TS52 | M8 x 15mm | GRX - Pintle Pin |
| TS53 | M8 x 12mm | GRX- Pintle Pin |
| TS54 | M10 x 16mm | GRX- Pintle Pin |
| TS55 | M8 x 20mm | GRX- Pintle Pin |
| TS56 | M12x32mm | |
| TS57 | M16x32mm | |
| TS57F | M16x32mm with 2 flats | |
| TS58 | 3/8-16 x 1.25" | |

For Unassembled caster kits using threaded bolts please add U before the number EX TSU2 or TSU51

Cental Locking Stems (For Beds and Stretchers)



| Fitting Code | Dimensions | EDP of Complete part below | Colson PN |
|--------------|-----------------------------|---------------------------------|-----------|
| CL01 | 27.8mm x 98mm 41/52° Cam | TT and CT Series 45° cam. | 2351 |
| CL02 | 32mm x 54mm 30° Cam | 35/30 Cam available with MOQ | 985 |
| CL03 | 27.8mm x 98mm 30° Cam | 35/30 Cam available with MOQ | 4351 |
| CL04 | 32mm x 54mm 41/52° Cam | TT and CT Series 45° cam. | 885 |

RS03 27.8mm x 45mm for tubular frame with 28mm ID

RS05 32mm x 45mm for tubular frame with 32mm ID

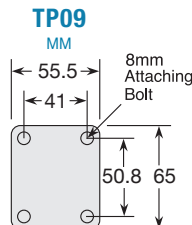
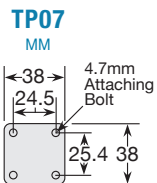
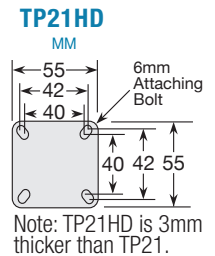
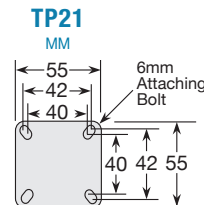
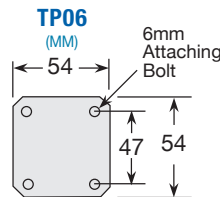
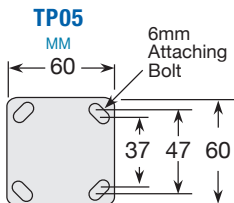
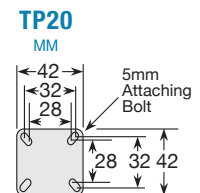
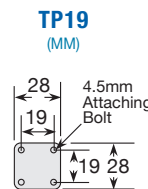
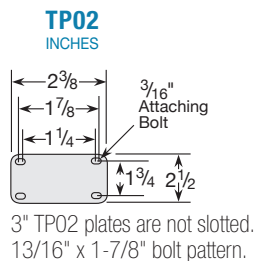
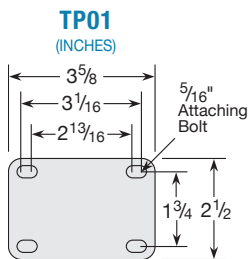
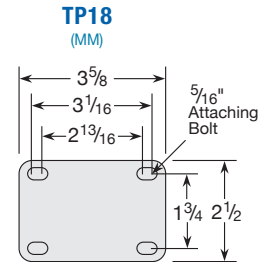
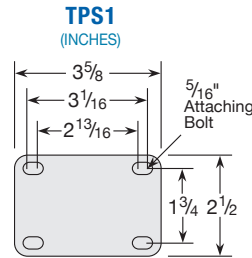
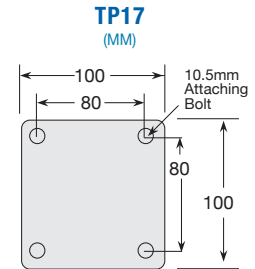
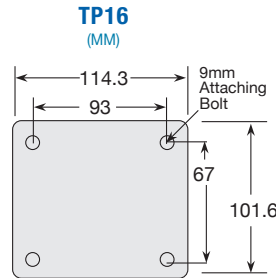
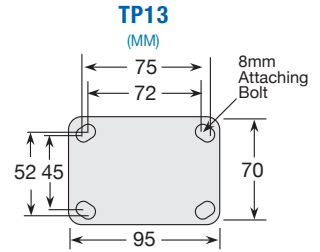
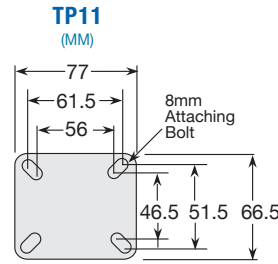
Only available for swivel models.

Plate Fittings

Top Plates



| Fitting Code | Dimensions | Additional Information |
|--------------|--|--|
| TP01 | 2-1/2 x 3-5/8 (1 3/4" x 2-13/16 slotted to 3-1/16) | Most Common Top Plate for USA |
| TP02 | 1-1/4 x 2-3/8 | |
| TP05 | 2.36 x 2.36 (60x60mm) 48x48 slotted to 38x38 | |
| TP06 | 2.12 x 2.12 (54x54mm) | |
| TP07 | 1.5" x 1.5" (38x38) Slotted (29x29 to 25x25) 5mm hole | |
| TP09 | 2-3/16 x 2-9/16 | |
| TP11 | 2.65 x 3 (77x67mm) | Common European Top Plate |
| TP13 | 95x70mm Slotted (52-45 x 75-72) | Common European Top Plate |
| TP16 | 114.3x101.6mm overall (Catis P6) | 93x67mm Round hole 9mm holes |
| TP17 | 100x100mm overall (Catis P8) | 80x80mm Round hole 10.5mm holes |
| TPS1 | 2-1/2 x 3-5/8 316 stainless (1 3/4" x 2-13/16 slotted to 3-1/16) | 316 stainless TP01 For NM series only |
| TP18 | 1.75 x 3" Plate | Old Shepherd 140 Plate - RZ series- Bolt on only |
| TP19 | 28mm x 28mm (19x19) 4.5mm hole | |
| TP20 | 42mm x 42mm (Slotted 32x32 to 28x28) 5mm hole | |
| TP21 | 55mm x 55mm (Slotted 42x42 to 40x40) 6mm hole | |
| TP21HD | 55mm x 55mm (Slotted 42x42 to 40x40) 6mm hole | HD version. TP21HD is 3mm thicker than TP21. |



INTRODUCING HTA/HT/TT series MedCaster Twin Wheel Nylon Casters

Excellent for stability and quiet mobility for medical equipment

MedCaster HTA, HT and TT series dual wheel casters are the low-profile medical caster solution. You would have to use larger single wheel casters to get the same mobility as our dual wheel models. With two wheels, the weight is split and evenly distributed. The less weight a single wheel has to cope with, the easier the medical equipment will move. It also takes less amount of force to get medical equipment with dual wheel casters to change direction than single wheel casters with the same wheel diameter.

A dual ball raceway provides easy swiveling, and a precision wheel bearing offers smooth rolling. Integrated thread guards prevent debris entanglement. Wheels are ergonomic and non-marking. Caster fastenings are customizable to your specific product requirement. Most of the dual wheel casters are available with Total Lock (swivel lock and wheel brake) and Direction Lock (swivel lock only) options.

NYLON CASTERS



HTA
Page 10-11



HT
Page 12-13



TT
Page 14-15

Twin Nylon (HTA)

NYLON CASTERS
Twin Wheel



DESCRIPTION

Light weight construction for lighter and more economical applications

APPLICATIONS

- Healthcare, home and office furniture
- Home healthcare beds
- Medical devices
- IV Stands
- Store fixtures

FEATURES & SPECIFICATIONS

- Glass Fiber Reinforced Nylon 6 Body and Pedals
- Blind hole swivel construction for flexible fitting options
- Precision Ball bearing wheels
- Easy on/off double pedal brake
- Wheel Brake only
- Non marking Polyurethane wheel treads (85-90A)

COLORS AND FINISHES

GG
RAL7001 silver gray fork/wheel core
RAL7011 iron gray wheel tread



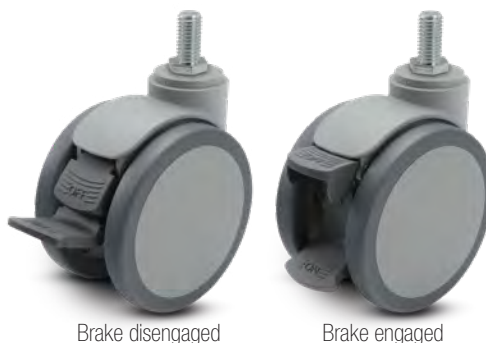
WB
RAL9003 signal white fork/wheel core
RAL 9011 graphite black wheel tread



Other color
combinations available by special order with factory MOQ



CASTERS FEATURES AND HIGHLIGHTS



Brake disengaged

Brake engaged

Unique Brake Pedal System

When you engage the brake, the "off" pedal lifts up for easy unlocking. No fiddling around with your foot. Clear locked/un-locked positions.

CASTER OPTIONS



Free Swivel



Wheel Brake
Lock with press of brake pedal.



Stainless Steel
Optional stainless steel internal castor components for harsher applications. To order add "SS" at end of model number before wheel color code. Threaded stem models only. Example: HTA100PYPTB-TS02GGSS.



Yellow swivel cover

Yellow circle

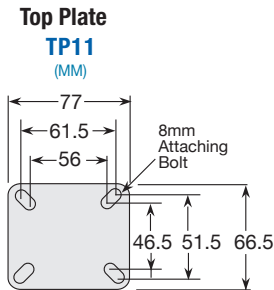
Conductive

Optional conductive casters help prevent static electricity discharge. To order add "COND" before wheel color code. Example: HTA100PYP-TP11WBCOND. Available on Stainless steel models also. Example: HTA100PYPTB-TP11WBSSCOND.

TWIN NYLON (HTA) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Base Footprint | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|--------------------|---------------|--------------|----------------|-----------------------------------|---|
| 75mm | 95mm | Swivel | 68mm | 50kg | 62mm | HTA75PYPSW _____ | Plate: TP11 Grip Ring Stem: GR01, GR10 Threaded Stem: TS06, TS02, TS07, TS34 |
| | | Wheel Brake | 89mm | 50kg | 62mm | HTA75PYPTB _____ | |
| 100mm | 122mm | Swivel | 86mm | 80kg | 67mm | HTA100PYPSW _____ | |
| | | Wheel Brake | 108mm | 80kg | 67mm | HTA100PYPTB _____ | |

CHOOSE FITTING CODE



Threaded Stems

| | |
|-------------|---------------------|
| TS06 | 3/8"-16NC x 1" |
| TS02 | 1/2"-13NC x 1" |
| TS07 | M12 x 1.75 x 25.4mm |
| TS34 | M10-1.5 x 25.4mm |

Note: TS02, TS34, TS07 are available on stainless steel models.



Grip Ring Stems

| | |
|-------------|----------------------|
| GR01 | 7/16" x 7/8" round |
| GR10 | 7/16" x 1-3/8" round |

CHOOSE CASTER/WHEEL COLOR CODE

GG

Silver gray core/
iron gray tread



WB

Signal white core/
black tread



NYLON CASTERS
Twin Wheel

CASTER SIZES



HTA75PYPSW-TS02GG



HTA75PYPTB-TS02GG

75mm



HTA100PYPSW-TP11WB



HTA100PYPTB-GR01GG

100mm

Twin Nylon (HT)

NYLON CASTERS
Twin Wheel



DESCRIPTION

New feature rich design with flexible options for a wide range of applications

APPLICATIONS

- Healthcare furniture
- Home healthcare beds
- Electronic medical devices
- Computer carts
- Incubators & bassinets
- Diagnostic Equipment

FEATURES & SPECIFICATIONS

- Glass Fiber Reinforced Nylon 6 Body and Pedals
- Precision bearing Swivel construction
- Precision Ball bearing wheels
- Easy on/off double pedal Total Lock brake (Directional Lock also available)
- Non marking Polyurethane wheel treads (85-90A)

COLORS AND FINISHES

GG
RAL7001 silver gray
fork/wheel core
RAL7011 iron gray
wheel tread



WB
RAL9003 signal white
fork/wheel core
RAL 9011 graphite
black wheel tread



Other color
combinations available
by special order with
factory MOQ



CASTERS FEATURES AND HIGHLIGHTS



Brake disengaged

Brake engaged

Unique Brake Pedal System

When you engage the brake, the "off" pedal lifts up for easy unlocking. No fiddling around with your foot. Clear locked/un-locked positions.

CASTER OPTIONS



Free Swivel

Total Lock Brake
Easy action double pedal models lock both swivel and wheel.

Direction Lock
easy action double pedal models lock swivel only to help with steering (light green pedal)

Stainless Steel
Optional stainless steel internal caster components for harsher applications. To order add "SS" before caster/wheel color code. Example: HT100PYPTB-TP11GGSS.



Conductive

Optional conductive casters help prevent static electricity discharge. To order add "-COND" after caster/wheel color code. Example: HT100PYPT-TP11WBCOND. Available on Stainless steel models also. Example: HT100PYPTB-TP11WBSSCOND.

TWIN NYLON (HT) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Base Footprint | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-------------------------|--------------------|---------------|--------------|----------------|-----------------------------------|---|
| 75mm | 93mm | Swivel | 68mm | 50kg | 62mm | HT75PYPSW | Plate: TP11 Hollow Kingpin: HK04, HKU4 Threaded Stem: TS02, TS07, TS34 |
| | | Total Lock | 89mm | 50kg | 62mm | HT75PYPTL | |
| | | Directional Lock | 89mm | 50kg | 62mm | HT75PYPDL | |
| 100mm | 122mm/ 126mm TP13 | Swivel | 86mm | 80kg | 67mm | HT100PYPSW | Plate: TP11, TP13 Hollow Kingpin: HK01, HK02, HK04, HKU1, HKU2, HKU4 Round Stem: RS01, RS03, RS16 Threaded Stem: TS02, TS07, TS34, TS40, TS40F |
| | | Total Lock | 108mm | 80kg | 67mm | HT100PYPTL | |
| | | Directional Lock | 108mm | 80kg | 67mm | HT100PYPDL | |
| 125mm | 145mm/ 149mm TP13 | Swivel | 106mm | 100kg | 73mm | HT125PYPSW | |
| | | Total Lock | 133mm | 100kg | 73mm | HT125PYPTL | |
| | | Directional Lock | 133mm | 100kg | 73mm | HT125PYPDL | |

CHOOSE CASTER/WHEEL COLOR CODE

GG

Silver gray core/
iron gray tread



WB

Signal white core/
black tread



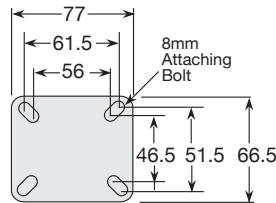
CHOOSE FITTING CODE



Top Plates

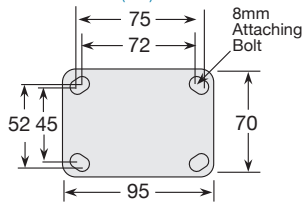
TP11

(MM)



TP13

(MM)



(HK)

Hollow Kingpin*

| | |
|--------------|---------|
| HK01 | 13mm ID |
| HK02 | 12mm ID |
| HK04 | 11mm ID |
| HKU1* | 13mm ID |
| HKU2* | 12mm ID |
| HKU4* | 11mm ID |

*For unassembled casters, use HKU1, HKU2 or HKU4 codes.



(TS)

Threaded stems

| | |
|--------------|---|
| TS02 | 1/2"-13NC x 1" |
| TS07 | M12 x 1.75 x 25.4mm |
| TS34 | M10-1.5 x 25.4mm |
| TS40 | M16 x 2.0 x 25mm |
| TS40F | M16 x 2.0 x 25mm with 2 Flats for direction lock models |



(RS)

Round Stems

| | |
|-------------|-----------------------------|
| RS01 | 22mm x 45mm M8 hole @19mm |
| RS03 | 27.8mm x 45mm M8 hole @19mm |
| RS16 | 18x28mm M8 hole @19mm |



CASTER SIZES



HT75PYPSW-TS02GG HT75PYPTL-TS02GG

75mm



HT100PYPSW-RS01WB HT100PYPTL-TS02WB

100mm



HT125PYPSW-TP11GG HT125PYPTL-TS02GG

125mm

Twin Nylon (TT)

NYLON CASTERS
Twin Wheel



DESCRIPTION

Premium Nylon casters with enhanced braking options

APPLICATIONS

- Transport chairs
- Electronic medical devices medication carts
- Imaging devices
- Diagnostic Equipment

FEATURES & SPECIFICATIONS

- Glass Fiber Reinforced Nylon 6 Body and Pedals
- Precision bearing Swivel construction
- Precision Ball bearing wheels
- Easy on/off double pedal Total Lock brake (Directional Lock also available)
- Combination TL/DL brake system optional
- Non marking Polyurethane wheel treads (85-90A)

COLORS AND FINISHES

GG

RAL7001 silver gray fork/wheel core
RAL7011 iron gray wheel tread



WB

RAL9003 signal white fork/wheel core
RAL 9011 graphite black wheel tread



Other color

combinations available by special order with factory MOQ



CASTERS FEATURES AND HIGHLIGHTS



Brake disengaged

Steering locked

Wheel locked

Steering and wheel locked

Unique Combo Direction/Total Lock Brake Pedal System

New design features two locking pedals that allow separate control of wheel and steering lock. Off pedal unlocks both simultaneously.



Brake disengaged

Brake engaged

Unique Brake Pedal System

When you engage the brake, the "off" pedal lifts up for easy unlocking. No fiddling around with your foot. Clear locked/un-locked positions.

CASTER OPTIONS



Free Swivel



Total Lock Brake
Easy action double pedal models lock both swivel and wheel.



Direction Lock
Easy action double pedal models lock swivel only to help with steering (light green pedal)



Direction/Total Lock Combo
Versatile brake provides separate control of wheel and steering lock



Stainless Steel
Optional stainless steel internal caster components for harsher applications. To order add "SS" before caster/wheel color code. Example: TT100YPDT-TP11GGSS.



Conductive

Optional conductive casters help prevent static electricity discharge. To order add "-COND" after caster/wheel color code. Example: TT100YPSW-TP11WBCOND. Available on Stainless steel models also. Example: TT100YPDT-TP11WBSSCOND.

TWIN NYLON (TT) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Base Footprint | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|----------------------------|---------------|--------------|----------------|-----------------------------------|---|
| 100mm | 123mm | Swivel | 90mm | 100kg | 78mm | TT100PYPSW | Plate: TP11, TP13; Hollow Kingpin: HK01, HK02, HK04, HKU1, HKU2, HKU4 Round Stem: RS01, RS02, RS03, RS16; Threaded Stem: TS07, TS40, TS40F |
| | | Total Lock | 116mm | 100kg | 78mm | TT100PYPTL | |
| | | Directional Lock | 116mm | 100kg | 78mm | TT100PYPDL | |
| 125mm | 148mm | Swivel | 112mm | 100kg | 83mm | TT125PYPSW | |
| | | Total Lock | 143mm | 100kg | 83mm | TT125PYPTL | |
| | | Directional Lock | 143mm | 100kg | 83mm | TT125PYPDL | |
| | | Direction/Total Lock Combo | 143mm | 100kg | 83mm | TT125PYPDT | |
| 150mm | 175mm | Swivel | 123mm | 120kg | 88mm | TT150PYPSW | |
| | | Total Lock | 153mm | 120kg | 88mm | TT150PYPTL | |
| | | Directional Lock | 153mm | 120kg | 88mm | TT150PYPDL | |
| | | Direction/Total Lock Combo | 145mm | 120kg | 88mm | TT150PYPDT | |

CHOOSE CASTER/WHEEL COLOR CODE

GG
Silver gray core/ iron gray tread

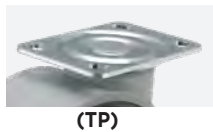


WB
Signal white core/black tread



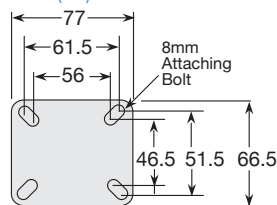
NYLON CASTERS
Twin Wheel

CHOOSE FITTING CODE



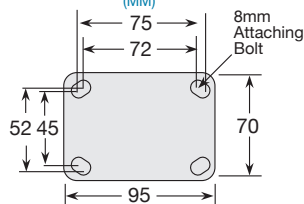
Top Plates

TP11 (MM)



(TP)

TP13 (MM)



(HK)

Hollow Kingpin*

| | |
|--------------|---------|
| HK01 | 13mm ID |
| HK02 | 12mm ID |
| HK04 | 11mm ID |
| HKU1* | 13mm ID |
| HKU2* | 12mm ID |
| HKU4* | 11mm ID |

*For unassembled casters, use HKU1, HKU2 or HKU4 codes.



(TS)

Threaded stems

| | |
|--------------|---|
| TS02 | 1/2"-13NC x 1" |
| TS07 | M12 x 1.75 x 25.4mm |
| TS34 | M10-1.5 x 25.4mm |
| TS40 | M16 x 2.0 x 25mm |
| TS40F | M16 x 2.0 x 25mm with 2 Flats for direction lock models |



(RS)

Round Stems

| | |
|-------------|-----------------------------|
| RS01 | 22mm x 45mm M8 hole @19mm |
| RS03 | 27.8mm x 45mm M8 hole @19mm |
| RS16 | 18x28mm M8 hole @19mm |

CASTER SIZES



TT100PYPTL-HK01GG TT100PYPDT-TP11GG

100mm



TT125PYPDT-TP11GG TT125PYPSW-TS02GG

125mm



TT150PYPTL-TS02GG HT125PYPDT-RS01GG

150mm

Twin-Med Grey (TG)

NYLON CASTERS
Twin Wheel



DESCRIPTION

Twin wheel Caster with reliable service record

APPLICATIONS

- Healthcare furniture
- Electronic medical devices
- Computer carts
- Incubators & bassinets
- Diagnostic Equipment

FEATURES & SPECIFICATIONS

- Non marking TPR wheels for softer quieter ride (85A)
- Precision bearing Swivel construction
- Precision Ball bearing wheels
- High Brake location for reduced swivel radius
- Bottom Cover to keep debris out of the wheels

OPTIONS

CASTER OPTIONS

Standard

RAL7004 standard gray fork/wheel core

RAL7015 gray tread



LG

RAL7035 light gray fork/wheel core

RAL7015 gray tread



BK

RAL9005 black fork/wheel core

RAL9005 black tread



Free Swivel



Total Lock Brake
Press of pedal locks both swivel and wheel.



Direction Lock
Direction lock (locks steer only) models available. Available by special order with factory MOQ.



Antistatic models can help protect your equipment from static electricity discharge. To order change model prefix from TG to TA.

BOTTOM COVER



Bottom cover shield for ultimate protection.

TWIN-MED GREY (TG) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---------------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 4" | 127mm stems/ 137mm top plate | Swivel | 80mm | 98kg | 66mm | TG04TPP281SW- _____ | Plate: TP01, TP11 Threaded Stem: TS07, TS16, TS18 |
| | | Total Lock | 80mm | 98kg | 66mm | TG04TPP281TL- _____ | |
| 5" | 152mm stems/ 162mm top plate | Swivel | 102mm | 111.6kg | 76mm | TG05TPP281SW- _____ | |
| | | Total Lock | 102mm | 111.6kg | 76mm | TG05TPP281TL- _____ | |

CHOOSE FITTING CODE

CHOOSE SUFFIX CODE

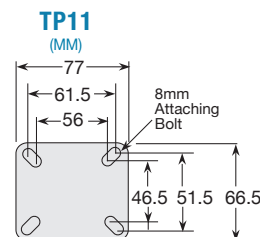
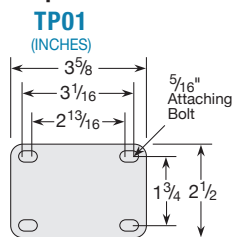
- P** Precision Bearings
- S** Swivel
- D** Delrin Bearing Bottom
- R** RoHS
- C** Covered Bottom



Threaded stems

| | |
|-------------|---------------------|
| TS02 | 1/2"-13NC x 1" |
| TS03 | 1/2"-13NC x 1-1/2" |
| TS07 | M12 x 1.75 x 25.4mm |
| TS16 | M12 x 20mm |
| TS18 | M16 x 20mm |

Top Plates





DESCRIPTION

Twin wheel Caster with reliable service record

APPLICATIONS

- Healthcare furniture
- Electronic medical devices
- Medical carts
- Incubators & bassinets
- Diagnostic Equipment

FEATURES & SPECIFICATIONS

- Non marking TPR or TPU wheels
- Precision bearing Swivel construction (125mm standard, 100mm optional, 75mm not available)
- Precision Ball bearing wheels
- High Brake location for reduced swivel radius
- Standard Color Body RAL9016

OPTIONS

CASTER OPTIONS



Free Swivel



Total Lock Brake
Press of pedal locks both swivel and wheel.



Direction Lock
Direction lock (locks steer only) models available. Black Pedal. Available by special order with factory MOQ.

WHEEL OPTIONS



Polyurethane Grey (PYO)
Plain bearing. Durometer: 95A±5



Polyurethane Grey (PYP)
Precision bearing. Durometer: 95A±5



Thermoplastic Grey (TPP)
Precision bearing. Softer polyurethane. Durometer: 85A±5

TWIN-MED (TM) MODELS

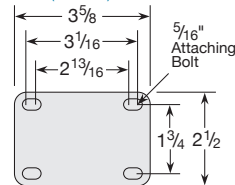
| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|----------------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 3" | 95.3mm stems/ 105mm top plate | Swivel | 68mm | 74kg | 59mm | TM03 281SW- | Plate: TP01, TP11 Threaded Stem: TS02, TS15, TS18 |
| | | Total Lock | 89mm | 74kg | 59mm | TM03 281TL- | |
| 4" | 122mm stems/ 126mm top plate | Swivel | 86mm | 99kg | 66mm | TM04 281SW- | Plate: TP01, TP11 Threaded Stem: TS02, TS18 |
| | | Total Lock | 108mm | 99kg | 66mm | TM04 281TL- | |
| 5" | 145mm stems/ 149mm top plate | Swivel | 108mm | 111.6kg | 76mm | TM05 281SW- | |
| | | Total Lock | 133mm | 111.6kg | 76mm | TM05 281TL- | |

CHOOSE WHEEL CODE

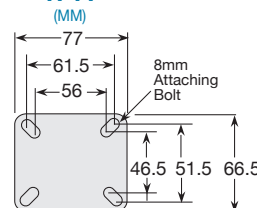
- PYO** Polyurethane Grey Plain Bearing
PYP Polyurethane Grey Precision Bearing
TPP Thermoplastic Grey

CHOOSE FITTING CODE

Top Plates TP01
(INCHES)



TP11
(MM)



CHOOSE SUFFIX CODE

- P** Precision Bearings
S Swivel
D Delrin Bearing Bottom
R RoHS
C Covered Bottom

Threaded stems

| | |
|-------------|---------------------|
| TS02 | 1/2"-13NC x 1" |
| TS07 | M12 x 1.75 x 25.4mm |
| TS15 | M10 x 1.50p x 15mm |
| TS18 | M16 x 20mm |

Twin Nylon (GRX)

NYLON CASTERS
Twin Wheel



DESCRIPTION

Nylon Twin wheel offer high performance and stylish design in many size options

APPLICATIONS

- Healthcare, home or office furniture
- Industrial and healthcare seating
- Medical carts
- MRI equipment 50mm-65mm models only
- Bassinets
- Store fixtures

FEATURES & SPECIFICATIONS

- Non marking TPU wheels provide excellent floor protection
- Strong Polyamide nylon body and brake
- Available in a multitude of colors
- Optional Antimicrobial, conductive, stainless Steel and MRI options
- Metric and Imperial fitting options
- 100-125mm sizes offer precision swivel and precision wheel bearings and full Total Lock
- 30-75mm sizes offer wheel brake with blind hole swivel design

COLORS AND FINISHES

GG
RAL7035 Gray Fork/
Wheel Core
Dark Gray
Wheel Tread



WG
RAL9003 White
Fork/Wheel Core
Dark Gray
Wheel Tread



BG
Black Fork/
Wheel Core
Dark Gray
Wheel Tread



Other color
combinations available
by special order with
factory MOQ



OPTIONS CASTER OPTIONS



Free Swivel



Brake disengaged

Brake engaged

Wheel Brake

Lock wheel with press of brake pedal.

Tread covers available,
consult MedCaster



CASTER SIZES



GRX30PYOSW-TS53BG

30mm



GRX38PYOSW-TS53BG

38mm



GRX50PYOTB-TS53WG

50mm



GRX65PYOTB-TGR01GG

65mm



GRX75PYOTB-TP20BG

75mm



GRX100PYPSW-TS53BG

100mm



GRX125PYPSW-GR01GG

125mm

TWIN NYLON (GRX) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Wheel Bearing | Swivel Radius | Dynamic Load | Base Foot-print | Add Color Code and Fastening Code | Fitting Options |
|----------------|---|--------------------|----------------|---------------|--------------|-----------------|-----------------------------------|--|
| 30mm | 34mm thread; 30mm grip ring; 38mm plates and U bracket | Swivel | Plain Bore | 35mm | 40kg | 40mm | GRX30PYOSW-____ | Plate: TP07, TP19; Threaded Stem: TS53, TS54 |
| | | Wheel Brake | Plain Bore | 42mm | 40kg | 40mm | GRX30PYOTB-____ | |
| 38mm | 45mm thread; 41mm grip ring; 52mm TP21, 48mm other plates | Swivel | Plain Bore | 39mm | 60kg | 46mm | GRX38PYOSW-____ | Plate: TP07, TP19, TP20, TP21; Threaded Stem: TS15, TS16, TS52, TS34, TS53, TS54, TS55; Grip Ring Stem: GR01, GR20 |
| | | Wheel Brake | Plain Bore | 47.5mm | 60kg | 46mm | GRX38PYOTB-____ | |
| 50mm | 58mm thread; 55mm grip ring; 62mm plates | Swivel | Plain Bore | 47.5mm | 40kg | 53mm | GRX50PYOSW-____ | Plate: TP07, TP20; Threaded Stem: TS15, TS16, TS34, TS52, TS54, TS55; U Bracket: UB01, UB02; Grip Ring Stem: GR01 |
| | | Wheel Brake | Plain Bore | 65mm | 35kg | 53mm | GRX50PYOTB-____ | |
| 65mm | 73.5mm threaded; 69.5 grip ring; 74.5mm plates | Swivel | Plain Bore | 58mm | 50kg | 53mm | GRX65PYOSW-____ | Plate: TP07, TP20; Threaded Stem: TS02, TS15, TS24, TS51, TS16; Grip Ring Stem: GR01, GR02 |
| | | Wheel Brake | Plain Bore | 76mm | 50kg | 53mm | GRX65PYOTB-____ | |
| 75mm | 86.5mm threaded; 83.5 grip ring; 88.5mm TP20, 91mm TP21 | Swivel | Plain Bore | 65mm | 75kg | 54mm | GRX75PYOSW-____ | Plate: TP20, TP21; Threaded Stem: TS02, TS15, TS16, TS24, TS34; Grip Ring Stem: GR01, GR02 |
| | | Wheel Brake | Plain Bore | 84mm | 75kg | 54mm | GRX75PYOTB-____ | |
| | | Total Lock | Plain Bore | 84mm | 75kg | 54mm | GRX75PYOTL-____ | |
| 100mm | 120.5mm threaded; 117.5 grip ring; 124mm TP21; 127mm TP21HD | Swivel | Precision Ball | 89mm | 100kg | 57mm | GRX100PYPSW-____ | Plate: TP21, TP21HD; Threaded Stem: TS02, TS15, TS16, TS24; Grip Ring Stem: GR01, GR02 |
| | | Total Lock | Precision Ball | 111mm | 100kg | 57mm | GRX100PYPTL-____ | |
| 125mm | 146.5mm threaded; 143.5mm grip ring; 153mm plate | Swivel | Precision Ball | 109mm | 100kg | 67mm | GRX125PYPSW-____ | Plate: TP21HD; Threaded Stem: TS02, TS15, TS16, TS24; Grip Ring Stem: GR02 |
| | | Total Lock | Precision Ball | 134mm | 100kg | 67mm | GRX125PYPTL-____ | |

NYLON CASTERS
Twin Wheel

CHOOSE CASTER/WHEEL COLOR CODE

| | | | | | |
|--|--|---|--|---|--|
| GG Gray caster/ dark grey tread | | WG White caster/ dark grey tread | | BG Black caster/ dark grey tread | |
|--|--|---|--|---|--|

CHOOSE FITTING CODE

Top Plates

| | | | |
|--|--|--|--|
| TP07 MM 4.7mm Attaching Bolt 24.5 25.4 38 | TP19 MM 4.5mm Attaching Bolt 19 19 28 | TP21 MM 5mm Attaching Bolt 42 32 28 28 32 42 | TP21HD MM 6mm Attaching Bolt 55 42 40 40 42 55 |
|--|--|--|--|



Threaded stems

| | |
|-------------|--------------------|
| TS02 | 1/2"-13NC x 1" |
| TS15 | M10 x 1.50p X 15mm |
| TS16 | M12 X 20mm |
| TS24 | 3/8"-16NC x .75" |
| TS34 | M10-1.5x25.4mm |
| TS51 | 5/16"-18NC x .75" |
| TS51 | 5/16"-18NC x .75" |
| TS52 | M8 x 15mm |
| TS53 | M8 x 12mm |
| TS54 | M10 x 16mm |
| TS55 | M8 x 20mm |



Grip Ring Stem

| | |
|-------------|----------------------|
| GR01 | 7/16" x 7/8" round |
| GR10 | 7/16" x 1-3/8" round |
| GR20 | 11mm x 30mm round |



MRI Safe

50mm and 65mm models include MRI option. Available on GR01, GR10 and TS24.

All metal parts are made with brass. ADD MRI to end of part number.

Softech (PSF)

NYLON CASTERS
Twin Wheel



DESCRIPTION

Soft tread twin wheel caster for quiet mobility.

APPLICATIONS

- Store Fixtures
- Electronic Equipment
- Audio/Visual Equipment
- Furniture
- Medical Equipment

FEATURES & SPECIFICATIONS

- Soft 70-75/A durometer tread constructed of high-tech thermoplastic elastomer
- Choice of two tone grey and black models
- High load ratings
- Quiet mobility
- Riveted axle for positive wheel retention
- Floor protective and non-marking
- RoHS environmentally friendly (consult factory for requirements on a part specific basis)

COLORS AND FINISHES

GR

Gray Fork/Wheel Core
Dark Gray Wheel Tread



BK

Black



OPTIONS

CASTER OPTIONS



Free Swivel



Wheel Brake
Lock with press of brake pedal.



Softech EZ-Clean

Innovative design allows you to remove the axle caps so you can disassemble a nut and bolt axle to clean the caster from any entangling debris. Ideal for shower chair applications and other applications requiring frequent cleaning to prolong caster life.

Minimum order quantities may apply.

SOFTTECH (PSF) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---|--------------------|---------------|--------------|-----------------------------------|---|
| 50mm | Stem: 57.2mm Plate: 60.3mm | Swivel | 46mm | 34kg | PSF50__ - __ | Threaded: 507, 637, 634; Grip Neck: 302; Grip Ring: 223, 211, 273 Round Stem: RS01, RS02, RS03, RS16; Threaded Stem: TS07, TS40, TS40F |
| | | Wheel Brake | 60mm | 34kg | PSF50__ - __ -B | |
| 60mm | Stem: 66.7mm Plate: 69.9mm | Swivel | 52mm | 45kg | PSF60__ - __ | Threaded: 507, 637, 634, 741, 748; Grip Neck: 302; Grip Ring: 223, 211, 291 |
| | | Wheel Brake | 64mm | 45kg | PSF60__ - __ -B | |
| 75mm | Thread: 82.6mm Grip Ring: 81mm Plate: 88.9mm | Swivel | 64mm | 75kg | PSF75__ - __ | Threaded: 507, 637, 634, 741, 748; Grip Neck: 302; Grip Ring: 223, 211, 291 |
| | | Wheel Brake | 81mm | 75kg | PSF75__ - __ -B | |
| 100mm | Thread: 111.1mm Grip Ring: 109.5mm Plate: 117.5mm | Swivel | 92mm | 103kg | PSF100__ - __ | Threaded: 637, 634, 741, 748; Grip Ring: 223, 291, 211; Plate: 116, 120 |
| | | Wheel Brake | 114mm | 103kg | PSF100__ - __ -B | |
| 125mm | Thread: 138.1mm Grip Ring: 135mm Plate: 142.9mm | Swivel | 114mm | 103kg | PSF125__ - __ | Threaded: 741, 748; Grip Ring: 291, 211; Plate: 116, 120 |
| | | Wheel Brake | 130mm | 103kg | PSF125__ - __ -B | |

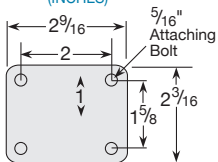
CHOOSE FITTING CODE

CHOOSE COLOR CODE

Top Plates

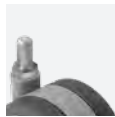
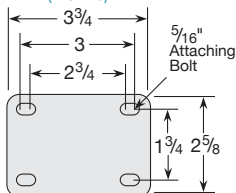
116

(INCHES)



120

(INCHES)



Threaded Stem

| | |
|------------|---------------------|
| 507 | 5/16" -18NC x 1" |
| 634 | 3/8" -16NC x 1" |
| 637 | 3/8" -16NC x 3/4" |
| 741 | 1/2" -13NC x 1" |
| 748 | 1/2" -13NC x 1-1/2" |



Grip Neck Stem

| | |
|------------|----------------|
| 302 | 5/16" x 1-1/2" |
|------------|----------------|



Grip Ring Stem

| | |
|------------|----------------------------|
| 211 | 7/16" x 1-7/16" |
| 291 | 7/16" x 1-1/4" |
| 223 | 7/16" x 7/8" |
| 273 | 7/16" x 1-3/8 (Brass Band) |



GR
gray castor and
core/dark grey
tread



BK
Black

OTHER MOUNTING SOLUTIONS

Medcaster has many solutions to help you mount your casters to your equipment quickly and easily. Minimum order quantities may apply.



Connects
casters to
wood



Connects casters to
round tubes



Weldable
castor
mount



Metal T
nut



Connect casters
to threaded
pipes



Connects casters to
square tubes



Corner
brackets

ULTIMA (PUT)

NYLON CASTERS
Twin Wheel



DESCRIPTION

Easy to maneuver dual wheel features strong nylon construction.

APPLICATIONS

- Store Fixtures
- Utility Carts
- Furniture
- Office Equipment
- Medical Equipment

FEATURES & SPECIFICATIONS

- Contemporary design
- Choice of urethane or nylon wheel
- Riveted axle for positive wheel retention on all except for 50mm and 60mm models for added durability
- RoHS environmentally friendly (consult factory for requirements on a part specific basis)

WHEEL TREAD OPTIONS



Polyurethane Tread Wheel

Softer tread for hard and tiled floors. Durometer 95 Shore A



Nylon Tread Wheel

Harder tread for carpeted floors

CASTER OPTIONS



Free Swivel



Wheel Brake

Lock with press of brake pedal. Unlock by pushing brake pedal up.

PRODUCT LINE PHOTOS



Plate

Threaded

Grip Neck

Grip Ring

Urethane Wheel Models



Plate

Threaded

Grip Neck

Grip Ring

Nylon Wheel Models

ULTIMA (PUT) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Wheel Tread Type | Swivel Radius | Dynamic Load | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---|--------------------|------------------|---------------|--------------|-----------------------------------|---|
| 50mm | Stem: 57.2mm Plate: 60.3mm | Swivel | Polyurethane | 46mm | 34kg | PUT50 -BKU | Threaded: 507, 637, 634 ; Grip Neck: 302 ; Grip Ring: 223, 211, 273 ; Plate: 101 |
| | | Swivel | Nylon | 46mm | 34kg | PUT50 -BK | |
| | | Wheel Brake | Polyurethane | 60mm | 34kg | PUT50 -BK-B | |
| | | Wheel Brake | Nylon | 60mm | 34kg | PUT50 -BKU-B | |
| 60mm | Stem: 66.7mm Plate: 69.9mm | Swivel | Polyurethane | 52mm | 45kg | PUT60 -BKU | Threaded: 507, 637, 634, 741, 748 ; Grip Neck: 302 ; Grip Ring: 223, 211, 291 |
| | | Swivel | Nylon | 52mm | 45kg | PUT60 -BK | |
| | | Wheel Brake | Polyurethane | 64mm | 45kg | PUT60 -BKU-B | |
| | | Wheel Brake | Nylon | 64mm | 45kg | PUT60 -BK-B | |
| 75mm | Thread: 82.6mm Grip Ring: 81mm Plate: 88.9mm | Swivel | Polyurethane | 64mm | 75kg | PUT75 -BKU | Threaded: 507, 637, 634, 741, 748 ; Grip Neck: 302 ; Grip Ring: 223, 211, 291 |
| | | Swivel | Nylon | 64mm | 75kg | PUT75 -BK | |
| | | Wheel Brake | Polyurethane | 81mm | 75kg | PUT75 -BKU-B | |
| | | Wheel Brake | Nylon | 81mm | 75kg | PUT75 -BK-B | |
| 100mm | Thread: 111.1mm Grip Ring: 109.5mm Plate: 117.5mm | Swivel | Polyurethane | 92mm | 79kg | PUT100 -BKU | Threaded: 637, 634, 741, 748 ; Grip Ring: 223, 291, 211 ; Plate: 116, 120 |
| | | Swivel | Nylon | 92mm | 79kg | PUT100 -BK | |
| | | Wheel Brake | Polyurethane | 114mm | 79kg | PUT100 -BKU-B | |
| | | Wheel Brake | Nylon | 114mm | 79kg | PUT100 -BK-B | |
| 125mm | Thread: 138.1mm Grip Ring: 135mm Plate: 142.9mm | Swivel | Polyurethane | 114mm | 82kg | PUT125 -BKU | Threaded: 741, 748 ; Grip Ring: 291, 211 ; Plate: 116, 120 |
| | | Swivel | Nylon | 114mm | 82kg | PUT125 -BK | |
| | | Wheel Brake | Polyurethane | 130mm | 82kg | PUT125 -BKU-B | |
| | | Wheel Brake | Nylon | 130mm | 82kg | PUT125 -BK-B | |

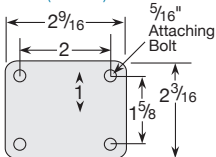
NYLON CASTERS
 Twin Wheel

CHOOSE FITTING CODE

Top Plates

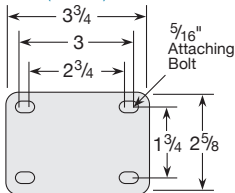
116

(INCHES)



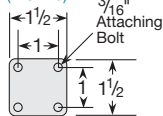
120

(INCHES)



101

(INCHES)



Threaded Stem

| | |
|------------|--------------------|
| 507 | 5/16"-18NC x 1" |
| 634 | 3/8"-16NC x 1" |
| 637 | 3/8"-16NC x 3/4" |
| 741 | 1/2"-13NC x 1" |
| 748 | 1/2"-13NC x 1-1/2" |

Grip Neck Stem

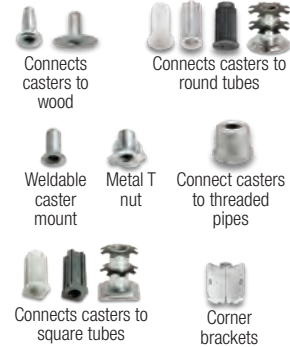
| | |
|------------|----------------|
| 302 | 5/16" x 1-1/2" |
|------------|----------------|

Grip Ring Stem

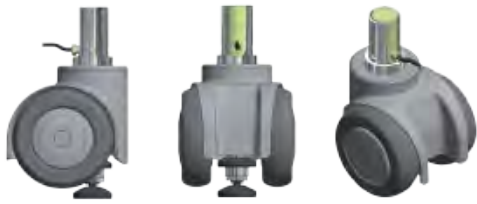
| | |
|------------|----------------------------|
| 211 | 7/16" x 1-7/16" |
| 291 | 7/16" x 1-1/4" |
| 223 | 7/16" x 7/8" |
| 273 | 7/16" x 1-3/8 (Brass Band) |

OTHER MOUNTING SOLUTIONS

Medcaster has many solutions to help you mount your casters to your equipment quickly and easily. Minimum order quantities may apply.



Hydraulic Plunger Locks (403)



PRODUCT UNDER DEVELOPMENT
CONTACT MEDCASTER FOR MORE INFORMATION



DESCRIPTION

The system consists of 4 casters with hydraulic driven leveling feet. Through the rotary motion of the hand crank the hydraulic oil is pressed out of the pump and flows through the hydraulic tubing into the connected leveling foot. The system functions independently of load and the 4 castors operate completely synchronously. Each lifting cylinder is equipped with 3 m hydraulic tubing. The tubing can be cut to the required size and be easily connected to the pump.

APPLICATIONS

Mobile work and transport equipment or operation tables can be fitted with the lifting castors and be converted into stable working surfaces. The standard system consists of 4 lifting castors. We are also able to supply systems with up to 10 lifting castors.



TECHNICAL SPECS

- Dynamic load capacity (caster) 250 kg as per EN standards 12531
- Static load capacity (4 cylinders) 750 kg complete
- Offset: 30 mm
- Housing material: Plastic
- Wheel tread material: TPU, 95 Shore A
- Electric conductive
 Note: Leveling foot not conductive

INCLUDES

- 4 swivel casters
- 4 cylinders
- 1 pump

OPTIONS

- 5 clamping rings
- 1 connection screw (spare part)
- 1 magnet
- 1 tubing cutter
- 1 ring spanner
- Assembly and operating instructions

| Wheel Diameter | Mounting Height | Swivel Radius | Body/Tread Color | Tread Material | Wheel Bearing | Dynamic Load | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|---------------|------------------|----------------|----------------|--------------|-----------------------------------|------------------|
| 100mm | 126mm | 95mm | Gray/Gray | TPU 95A | Precision Ball | 250kg | 403a29K100yK00-2 | 32mm Bore |

MedCaster nylon single wheel casters



NYLON CASTERS
Single Wheel



AV
Avant
Page 26-27



NG
Nylon
Page 28-29



NS
Nylon Stainless
Page 30-31



NA
Nylon Antistatic
Page 32



NM
Non-Magnetic
Page 33



PGE
Genesis
Page 34-35

Avant (AV)

NYLON CASTERS
Single Wheel



DESCRIPTION

Description: New modern design the Avant is a top ergonomic solution with carefully thought out design features

APPLICATIONS

- Healthcare furniture
- Crash Carts
- Electronic medical devices
- Mobile Computing Workstations
- Anesthesia Carts
- Telehealth Carts

FEATURES & SPECIFICATIONS

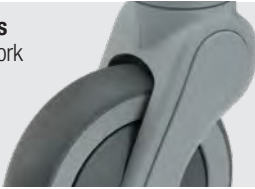
- Quiet mobility with top of the line Performa rubber wheels
- Sealed Precision bearings in Wheel and Swivel section provide quiet and effortless mobility (100-150mm)
- Brake does not contact wheel center
- Snap on side covers allow for easy customization
- Available in Stainless Steel, Conductive and Antimicrobial configurations

COLORS AND FINISHES

Avant Caster Colors

RAL7001 light gray fork

RAL7011 dark gray wheel tread and thread guard



Total Lock Pedal Grey

RAL7001 light gray for all 75mm plate and stem models and all TP01 models



Total Lock Pedal Red

RAL3020 red for stem models above 75mm diameter models and all TP11 and TP13



Direction Lock Pedal

RAL6024 green



OPTIONS

CASTER OPTIONS



Free Swivel



Total Lock

Light grey or red pedal depending on model. Brake locks wheel and swivel.



Direction Lock

Green pedal. Brake locks swivel only for easier tracking.



Extended Pedals

For applications requiring easier access to engage or disengage brakes. Available by special order with factory MOQ

WHEEL



QuickStart TPR (QRP)

QuickStart wheel has been **upgraded to Performa Rubber**. Wheel is quiet, non-marking, and maintains smooth roll even after brake has been applied for long periods of time.

Temperature Range: -30°F to 180°F

Durometer: 65A(±5)

CASTER SIZES



AV75QRP125TL-TP01
75mm



AV100QRP125DL-HK01
100mm



AV125QRP125TL-TP01
125mm



AV150QRP125L-TP01
150mm

APPLICATION EXAMPLES



AVANT (AV) MODELS

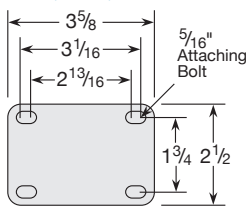
| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|----------------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|---|
| 3" | 107.5mm stems; 115.5mm plates | Swivel | 64.5mm | 80kg | 25mm | AV03QRP100SW-___ | Top Plate: TP01, TP05, TP07, TP09 Grip Ring: GR01, GR10 Threaded: TS02, TS06, TS07, TS15, TS34, TS37 |
| | | Wheel Brake | 73mm | 80kg | 25mm | AV03QRP100TB-___ | |
| 4" | 139mm stems; 146.5mm plates | Swivel | 86mm | 100kg | 32mm | AV04QRP125SW-___ | Top Plate: TP01, TP11, TP13 Hollow Kingpin: HK01, HK04: HKU1, HKU4 Grip Ring: GR02, GR06, GR09 Threaded: TS02, TS03, TS04, TS05, TS06, TS07, TS21, TS22 Round Stem: RS01 RS02 RS03 Square Nylon Expanding Adapter: XSN1 thru XSN9 Round Nylon Expanding Adapter: XRN1 thru XSN5 Round Rubber Expanding Adapter: XRR1 thru XRR8 |
| | | Total Lock | 102.5mm | 100kg | 32mm | AV04QRP125TL-___ | |
| | | Directional Lock | 102.5mm | 100kg | 32mm | AV04QRP125DL-___ | |
| 5" | 162mm stems; 169.5mm plates | Swivel | 102.5mm | 100kg | 32mm | AV05QRP125SW-___ | |
| | | Total Lock | 102.5mm | 100kg | 32mm | AV05QRP125TL-___ | |
| | | Directional Lock | 102.5mm | 100kg | 32mm | AV05QRP125DL-___ | |
| 6" | 188mm stems; 195.5mm plates | Swivel | 120mm | 100kg | 32mm | AV06QRP125SW-___ | |
| | | Total Lock | 120mm | 100kg | 32mm | AV06QRP125TL-___ | |
| | | Directional Lock | 120mm | 100kg | 32mm | AV06QRP125DL-___ | |

Directional Lock casters are not compatible with expanding adapter stems.

CHOOSE FITTING CODE

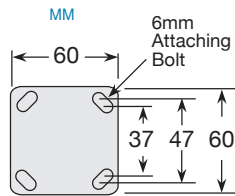
Top Plates

TP01 (INCHES)



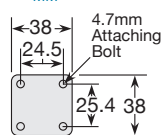
Total lock models have gray pedals

TP05 (MM)



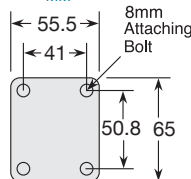
Total lock models have gray pedals
Only available in 3" models

TP07 (MM)



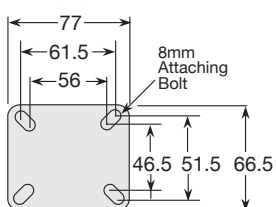
Total lock models have gray pedals
Only available in 3" models

TP09 (MM)



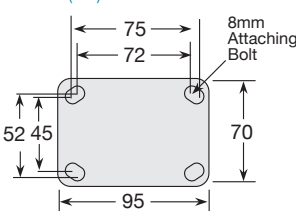
Total lock models have gray pedals
Only available in 3" models

TP11 (MM)



Total lock models have red pedals

TP13 (MM)



Total lock models have red pedals



Threaded Stems

| | |
|-------|---------|
| HK01 | 13mm ID |
| HK04 | 11mm ID |
| HKU1* | 13mm ID |
| HKU4* | 11mm ID |

*For unassembled casters, use HKU1 or HKU4 codes.



Round Stems

| | |
|------|---------------|
| RS01 | 22mm x 45mm |
| RS02 | 25.4mm x 45mm |
| RS03 | 27.8mm x 45mm |

*Mounting hole is 8mm and located 19mm on center from the base of stem.



Grip Ring Stems

| | |
|-------|------------------------------|
| GR01 | 7/16" x 1-7/16" |
| GR02 | 7/16" x 1-7/16" |
| GR06 | 7/8" x 2" |
| GR09* | .845" x 2-3/16" |
| GR10 | 7/16" x 1-3/8" (11mm x 35mm) |

*GR09 mounting hole is 8mm and located 19mm on center from the base of stem.



Threaded Stems

| | |
|------|----------------------|
| TS02 | 1/2"-13NC x 1" |
| TS03 | 1/2"-13NC x 1-1/2" |
| TS04 | 1/2"-13NC x 2" |
| TS05 | 7/16"-14NC x 1-3/4" |
| TS06 | 3/8"-16NC x 1" |
| TS07 | M12 x 25mm |
| TS15 | M10 x 15mm |
| TS21 | M12 x 60mm |
| TS22 | 1/2"-13NC x 2-11/16" |
| TS34 | M10 x 25mm |
| TS37 | M12 x 38mm |

*Threaded stem models will be furnished with a loose cap screw with nylon retention washer for ease of assembly.

Expanding Adapters

Not available on 3" models or direction lock models.



Square Nylon

| Fitting Code | Imperial Expansion Range (length is approx. 2.25") | Metric Expansion Range (length is approx. 57mm) |
|--------------|--|---|
| XSN1 | .78"-.81" | 19.6-20.9mm |
| XSN2 | .83"-.87" | 21.0-21.9mm |
| XSN3 | .88"-.94" | 22.0-24.0mm |
| XSN5 | .985"-1.12" | 25.8-28.5mm |
| XSN6 | 1.13"-1.16" | 28.6-29.5mm |
| XSN7 | 1.16"-1.29" | 29.6-32.7mm |
| XSN9 | 1.36"-1.46" | 34.6-37.0mm |



Round Nylon

| | | |
|------|-------------|-------------|
| XRN1 | .70"-.78" | 17.8-19.7mm |
| XRN2 | .78"-.85" | 19.8-21.7mm |
| XRN3 | .86"-.97" | 21.8-24.7mm |
| XRN4 | .97"-1.13" | 24.8-28.7mm |
| XRN5 | 1.14"-1.29" | 28.8-32.7mm |



Round Rubber

| | | |
|------|-------------|---------------|
| XRR1 | .75"-.81" | 19.04-20.62mm |
| XRR2 | .88"-.94" | 22.21-23.79mm |
| XRR3 | 1.0"-1.06" | 25.4-26.99mm |
| XRR4 | 1.13"-1.19" | 28.7-30.23mm |
| XRR5 | 1.25"-1.31" | 31.75-33.27mm |
| XRR6 | 1.38"-1.44" | 35.05-36.57mm |
| XRR7 | 1.5"-1.56" | 38.1-39.62mm |
| XRR8 | 1.63"-1.69" | 41.4-42.93mm |

Nylon(NG)

NYLON CASTERS
Single Wheel



DESCRIPTION

High Load Capacity construction for best in class dynamic load rating

APPLICATIONS

- Crash Carts
- Utility and institutional Carts
- Store fixtures
- Food Service Equipment
- Medication carts

FEATURES & SPECIFICATIONS

- Resistant to most chemicals
- Made from corrosion resistant materials
- Easy roll and swivel with precision bearings in the swivel and wheel
- Shock Absorbing Quik-Start rubber wheel tread (70A)

COLORS AND FINISHES

QuickStart QDO or QDP

Light gray fork; darker gray tread and thread guard



Santoprene RPP

Light gray fork; darker gray tread and thread guard



Antimicrobial AMP

Darker gray fork; brighter gray tread; green axle cap



Total Lock

Pedal same color as fork



Direction Lock Pedal

Pedal darker grey compared to fork



OPTIONS

CASTER OPTIONS



Free Swivel



Rigid
Not available on 75mm size.



Total Lock
Pedal same color as fork. Brake locks wheel and swivel.



Rigid Brake
Pedal same color as fork. Brake locks wheel and caster does not swivel. Not available with grip ring stems.



Direction Lock
Darker grey pedal. Brake locks swivel only for easier tracking.

WHEEL OPTIONS

QDO wheel special order wheel with MOQ.



QuickStart TPR (QDO or QDP)
Thermoplastic rubber wheel feature a smooth quiet ride.

Durometer: 70A(±5)

Special order wheel with MOQ.



Antimicrobial (AMP)
Helps prevent bacteria and fungus growth.

Durometer: 70A(±5)



Santoprene Rubber (RPP)
Soft santoprene rubber wheels features a smooth quiet ride.

Durometer: 85A(±5)

CASTER SIZES



CUSTOM COLORS



Other color combinations available by special order with factory MOQ.

NEXT GENERATION PRODUCT LINE



MedCaster includes options for stainless steel caster components, antimicrobial casters and non-magnetic casters. See following pages.

NEXT GENERATION (NG) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 3" | 107mm stems; 108mm plates | Swivel | 72mm | 90kg | 32mm | NG03 125SW- | Top Plate: TP01, TP11 Hollow Kingpin: HK01, HK04, HKU1, HKU4 Round Grip Ring: GR01, GR02, GR04, GR05, GR07, GR09, GR10 Square Grip Ring: SQ03 Threaded: TS02, TS03, TS05, TS21, TS22 Nylon Expanding Adapter: XRN1, XRN2, XRN3, XRN4 Metal Expanding Adapter: XRZ1 Round Stem: RS01, RS02, RS03, RS04 Square Stem: SQ01, SQ02 |
| | | Rigid | — | 90kg | 32mm | NG03 125RG- | |
| | | Total Lock | 95mm | 90kg | 32mm | NG03 125TL- | |
| | | Directional Lock* | 95mm | 90kg | 32mm | NG03 125DL- | |
| 4" | 137mm stems; 146mm plates | Swivel | 87mm | 125kg | 32mm | NG04 125SW- | |
| | | Total Lock | 112mm | 125kg | 32mm | NG04 125TL- | |
| | | Directional Lock* | 112mm | 125kg | 32mm | NG04 125DL- | |
| | | Swivel | 102mm | 136kg | 32mm | NG05 125SW- | |
| 5" | 174mm stems; 165mm plates | Rigid | — | 136kg | 32mm | NG05 125RG- | |
| | | Total Lock | 112mm | 136kg | 32mm | NG05 125TL- | |
| | | Directional Lock* | 112mm | 136kg | 32mm | NG05 125DL- | |
| | | Swivel | 116mm | 136kg | 32mm | NG06 125SW- | |
| 6" | 191mm stems; 195mm plates | Rigid | — | 136kg | 32mm | NG06 125RG- | |
| | | Total Lock | 116mm | 136kg | 32mm | NG06 125TL- | |
| | | Directional Lock* | 116mm | 136kg | 32mm | NG06 125DL- | |

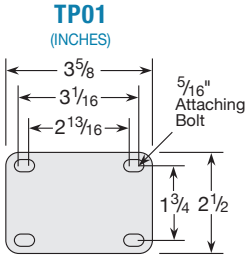
*Our Directional Lock casters are designed to lock the swivel but not the wheel allowing you to steer your equipment. The directional lock feature is designed to break free under heavier load when the unit is traversing a corner only to lock back into position when the unit resumes a straight course.

CHOOSE FITTING CODE

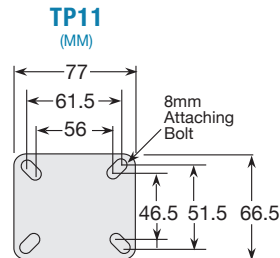
CHOOSE WHEEL CODE

QDO QDP RPP AMP

Top Plates



Total lock models have gray pedals



Total lock models have red pedals



(HK)

Threaded Stems

| | |
|--------------|---------|
| HK01 | 13mm ID |
| HK04 | 11mm ID |
| HKU1* | 13mm ID |
| HKU4* | 11mm ID |

*For unassembled casters, use HKU1 or HKU4 codes.



(RS)

Round Stems

| | |
|-------------|---------------|
| RS01 | 22mm x 45mm |
| RS02 | 25.4mm x 45mm |
| RS03 | 27.8mm x 45mm |

*Mounting hole is 8mm and located 19mm on center from the base of stem.



(GR)

Grip Ring Stems

| | |
|--------------|---------------------------------|
| GR01 | 7/16" x 1-7/16" |
| GR02 | 7/16" x 1-7/16" |
| GR06 | 7/8" x 2" |
| GR09* | .845" x 2-3/16" |
| GR10 | 7/16" x 1-3/8" (11mm x 35mm) |

*GR09 mounting hole is 8mm and located 19mm on center from the base of stem.



(TS)

Threaded Stems

| | |
|-------------|----------------------|
| TS02 | 1/2"-13NC x 1" |
| TS03 | 1/2"-13NC x 1-1/2" |
| TS04 | 1/2"-13NC x 2" |
| TS05 | 7/16"-14NC x 1-3/4" |
| TS06 | 3/8"-16NC x 1" |
| TS07 | M12 x 25mm |
| TS15 | M10 x 15mm |
| TS21 | M12 x 60mm |
| TS22 | 1/2"-13NC x 2-11/16" |
| TS34 | M10 x 25mm |
| TS37 | M12 x 38mm |

*Threaded stem models will be furnished with a loose cap screw with nylon retention washer for ease of assembly.

Expanding Adapters

Not available on 3" models or direction lock models.



(XSN)

Square Nylon

| Fitting Code | Imperial Expansion Range (length is approx. 2.25") | Metric Expansion Range (length is approx. 57mm) |
|--------------|--|---|
| XSN1 | .78"-.81" | 19.6-20.9mm |
| XSN2 | .83"-.87" | 21.0-21.9mm |
| XSN3 | .88"-.94" | 22.0-24.0mm |
| XSN5 | .985"-1.12" | 25.8-28.5mm |
| XSN6 | 1.13"-1.16" | 28.6-29.5mm |
| XSN7 | 1.16"-1.29" | 29.6-32.7mm |
| XSN9 | 1.36"-1.46" | 34.6-37.0mm |



(XRN)

Round Nylon

| | | |
|-------------|-------------|-------------|
| XRN1 | .70"-.78" | 17.8-19.7mm |
| XRN2 | .78"-.85" | 19.8-21.7mm |
| XRN3 | .86"-.97" | 21.8-24.7mm |
| XRN4 | .97"-1.13" | 24.8-28.7mm |
| XRN5 | 1.14"-1.29" | 28.8-32.7mm |



(XRR)

Round Rubber

| | | |
|-------------|-------------|---------------|
| XRR1 | .75"-.81" | 19.04-20.62mm |
| XRR2 | .88"-.94" | 22.21-23.79mm |
| XRR3 | 1.0"-1.06" | 25.4-26.99mm |
| XRR4 | 1.13"-1.19" | 28.7-30.23mm |
| XRR5 | 1.25"-1.31" | 31.75-33.27mm |
| XRR6 | 1.38"-1.44" | 35.05-36.57mm |
| XRR7 | 1.5"-1.56" | 38.1-39.62mm |
| XRR8 | 1.63"-1.69" | 41.4-42.93mm |

NYLON CASTERS
 Single Wheel

Nylon Plus(NS)

NYLON CASTERS
Single Wheel



Special order caser with MOQ.

DESCRIPTION

Our NS Series is similar to NG Series but with the added benefit of 304 stainless components making it excellent for wet environments.

APPLICATIONS

- Case Carts
- Carts that require frequent wash down
- Animal cages
- Food Service Equipment
- Pharmaceutical environment

FEATURES & SPECIFICATIONS

- Resistant to most chemicals
- Made with corrosion resistant Stainless steel components
- Easy roll and swivel with precision bearings in the swivel and wheel
- Shock Absorbing Quik-Start rubber wheel tread (70A)
- Maintenance Free

COLORS AND FINISHES

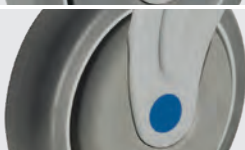
QuickStart QDO or QDP

Light gray fork; darker gray tread and thread guard



Santoprene RPP

Light gray fork; darker gray tread and thread guard



Antimicrobial AMP

Darker gray fork; brighter gray tread; green axle cap



Total Lock

Pedal same color as fork



Direction Lock Pedal

Pedal darker grey compared to fork



OPTIONS

CASTER OPTIONS



Free Swivel



Rigid
Not available on 75mm size.



Total Lock
Pedal same color as fork. Brake locks wheel and swivel.



Rigid Brake
Pedal same color as fork. Brake locks wheel and caster does not swivel.



Direction Lock
Darker grey pedal. Brake locks swivel only for easier tracking.

WHEEL OPTIONS

Special order wheel with MOQ



QuickStart TPR (QDO or QDP)
Thermoplastic rubber wheel feature a smooth quiet ride.

Durometer: 70A(±5)

Special order wheel with MOQ



Antimicrobial (AMP)
Helps prevent bacteria and fungus growth.

Durometer: 70A(±5)



Santoprene Rubber (RPP)
Soft santoprene rubber wheels features a smooth quiet ride.

Durometer: 85A(±5)

CASTER SIZES



NG150QDP125TL-TP01

150mm

NG125QDP125DL-TP01

125mm

NG100QDP125DL-TP01

100mm

NG75RPP125L-TP01

75mm

CUSTOM COLORS



Other color combinations available by special order with factory MOQ.

NEXT GENERATION PRODUCT LINE



MedCaster includes options for stainless steel caster components, antimicrobial casters and non-magnetic casters.

NEXT GENERATION PLUS (NS) MODELS

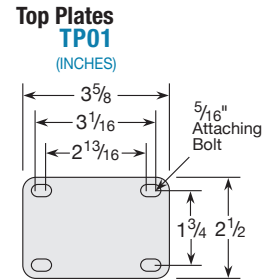
| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---------------------------|--------------------|---------------|--------------|-------------|-------------------------------------|--|
| 4" | 137mm stems; 146mm plates | Swivel | 87mm | 125kg | 32mm | NS04 <u> </u> 125SW- <u> </u> | Top Plate: TP01 Hollow Kingpin: HK01, HK04, HKU1, HKU4 Threaded: TS12, TS13 Nylon Expanding Adapter: XRN1, XRN2, XRN3, XRN4 Metal Expanding Adapter: XRZ1 |
| | | Total Lock | 112mm | 125kg | 32mm | NS04 <u> </u> 125TL- <u> </u> | |
| | | Directional Lock* | 112mm | 125kg | 32mm | NS04 <u> </u> 125DL- <u> </u> | |
| 5" | 174mm stems; 165mm plates | Swivel | 102mm | 136kg | 32mm | NS05 <u> </u> 125SW- <u> </u> | |
| | | Rigid | - | 136kg | 32mm | NS05 <u> </u> 125RG- <u> </u> | |
| | | Total Lock | 112mm | 136kg | 32mm | NS05 <u> </u> T125L- <u> </u> | |
| | | Directional Lock* | 112mm | 136kg | 32mm | NS05 <u> </u> 125DL- <u> </u> | |
| 6" | 191mm stems; 195mm plates | Swivel | 116mm | 136kg | 32mm | NS06 <u> </u> 125SW- <u> </u> | |
| | | Rigid | - | 136kg | 32mm | NS06 <u> </u> 125RG- <u> </u> | |
| | | Total Lock | 116mm | 136kg | 32mm | NS06 <u> </u> 125TL- <u> </u> | |
| | | Directional Lock* | 116mm | 136kg | 32mm | NS06 <u> </u> 125DL- <u> </u> | |

*Our Directional Lock casters are designed to lock the swivel but not the wheel allowing you to steer your equipment. The directional lock feature is designed to break free under heavier load when the unit is traversing a corner only to lock back into position when the unit resumes a straight course.

CHOOSE WHEEL CODE

| | | | |
|--|---|--|--|
| QDO QuickStart TPR Plain Bearing 75mm and 150mm models only | QDP QuickStart TPR Precision Ball Bearing | RPP Santoprene TPR Precision Ball Bearing Only available in 125mm models | AMP Antimicrobial Precision Ball Bearing |
| | | | |

CHOOSE FITTING CODE



Hollow Kingpin*

| | |
|-------|---------|
| HK01 | 13mm ID |
| HK04 | 11mm ID |
| HKU1* | 13mm ID |
| HK02 | 12mm ID |
| HKU4* | 11mm ID |

*For unassembled casters, use HKU1 or HKU4 codes.

Threaded Stems

| | |
|------|--|
| TS12 | 1/2" x 13NC x 1" (stainless steel) |
| TS13 | 1/2" x 13NC x 1-1/2" (stainless steel) |

XRN Nylon Expanding Adapter

| | |
|------|-----------------|
| XRN1 | 3/4" x 2-1/4" |
| XRN2 | 13/16" x 2-1/4" |
| XRN3 | 7/8" x 2-1/4" |
| XRN4 | 1" x 2-1/4" |

Nylon Antistatic (NA)

NYLON CASTERS
Single Wheel



Special order
caster with
MOQ



DESCRIPTION

Our NA Series Antistatic models can help protect your equipment from static electricity discharge.

APPLICATIONS

- Case Carts
- Electronic equipment transport
- Computer Carts
- Pharmaceutical environment

FEATURES & SPECIFICATIONS

- Resistant to most chemicals
- Made with corrosion resistant components
- Easy roll and swivel with precision bearings in the swivel and wheel
- Shock Absorbing Quik-Start rubber wheel tread (70A)
- Maintenance Free
- Conforms to CEN standards with resistance values < 10,000 ohms (measured at 500V DC, with minimum output of 50 V DC at 1,000 ohms resistance).

OPTIONS

CASTER OPTIONS



Free Swivel



Rigid



Total Lock

Pedal same color as fork. Brake locks wheel and swivel.



Rigid Brake

Pedal same color as fork. Brake locks wheel and caster does not swivel.



Direction Lock

Darker grey pedal. Brake locks swivel only for easier tracking.

NYLON ANTISTATIC (NA) MODELS

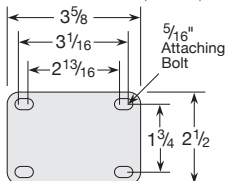
| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|------------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 4" | 137mm stems; 146mm plates | Swivel | 87mm | 125kg | 32mm | NA04QDP125SW-___ | <p>Top Plate: TP01 Hollow Kingpin: HK01, HK04, HKU1, HKU4 Round Grip Ring: GR01, GR02, GR04, GR05, GR07, GR09, GR10 Square Grip Ring: SQ03 Threaded: TS02, TS03, TS05, TS21, TS22</p> |
| | | Total Lock | 112mm | 125kg | 32mm | NA04QDP125TL-___ | |
| | | Directional Lock* | 112mm | 125kg | 32mm | NA04QDP125DL-___ | |
| 5" | 174mm stems; 165mm plates | Swivel | 102mm | 136kg | 32mm | NA05QDP125SW-___ | |
| | | Rigid | — | 136kg | 32mm | NA05QDP125RG-___ | |
| | | Total Lock | 112mm | 136kg | 32mm | NA05QDP125TL-___ | |
| | | Directional Lock* | 112mm | 136kg | 32mm | NA05QDP125DL-___ | |
| 6" | 191mm stems; 195mm plates | Swivel | 116mm | 136kg | 32mm | NA05QDP125SW-___ | |
| | | Rigid | — | 136kg | 32mm | NA06QDP125RG-___ | |
| | | Total Lock | 116mm | 136kg | 32mm | NA06QDP125TL-___ | |
| | | Directional Lock* | 116mm | 136kg | 32mm | NA06QDP125DL-___ | |

CHOOSE FITTING CODE

Top Plates

TP01

(INCHES)



Hollow Kingpin*

| | |
|-------|---------|
| HK01 | 13mm ID |
| HK04 | 11mm ID |
| HKU1* | 13mm ID |
| HK02 | 12mm ID |
| HKU4* | 11mm ID |

*For unassembled casters, use HKU1 or HKU4 codes.



Grip Ring Round

| | |
|------|-----------------|
| GR01 | 7/16" x 7/8" |
| GR02 | 7/16" x 1-7/16" |
| GR09 | .854" x 2-3/16" |



Threaded Stems

| | |
|------|------------------------|
| TS02 | 1/2" x 13NC x 1" |
| TS03 | 1/2" x 13NC x 1-1/2" |
| TS05 | 7/16" x 14NC x 1-3/4" |
| TS21 | M12 x 60mm |
| TS22 | 1/2" x 13NC x 2-11/16" |

Non-Magnetic Nylon (NM)



DESCRIPTION

Our Non-Magnetic (NM) Series is designed for use in high magnetic environments such as MRI rooms. Nylon and 316S stainless steel construction allows these casters to have a reduced magnetism.

APPLICATIONS

- Any cart or equipment that will be exposed to MRI environment
- For use in any area where reduced magnetic properties are required

FEATURES & SPECIFICATIONS

- Resistant to most chemicals
- Made with magnetic resistant Stainless steel components
- Easy swivel with precision bearings
- Shock Absorbing Quik-Start rubber wheel tread (70A) with Delrin bearing
- Maintenance Free
- MRI conditional Rating

NYLON CASTERS
Single Wheel

COLORS AND FINISHES

QuickStart QDP

Light gray fork; darker gray tread and thread guard



Total Lock

Pedal same color as fork



OPTIONS

CASTER OPTIONS



Free Swivel



Total Lock
Pedal same color as fork. Brake locks wheel and swivel.



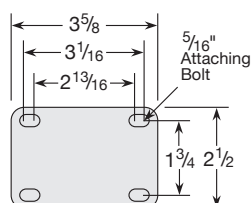
Rigid Brake
Pedal same color as fork. Brake locks wheel and caster does not swivel.

NON-MAGNETIC NYLON (NM) MODEL

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 4" | 137mm stems; 146mm plates | Swivel | 87mm | 125kg | 32mm | NM04QD0125SW-___ | Top Plate: TPS1 Hollow Kingpin: HK01, HK04, HKU1, HKU4 Threaded: TS12, TS13 |
| | | Total Lock | 112mm | 125kg | 32mm | NM04QD0125TL-___ | |
| | | Directional Lock | 112mm | 125kg | 32mm | NM04QD0125DL-___ | |
| 5" | 174mm stems; 165mm plates | Swivel | 102mm | 136kg | 32mm | NM04QD0S125W-___ | |
| | | Total Lock | 112mm | 136kg | 32mm | NM05QD0125TL-___ | |
| | | Directional Lock | 112mm | 136kg | 32mm | NM05QD0125DL-___ | |

CHOOSE FITTING CODE

Top Plates
TPS1
(INCHES)



Threaded Stems



| | |
|-------------|--|
| TSS2 | 1/2" x 13NC x 1" (stainless steel) |
| TSS3 | 1/2" x 13NC x 1-1/2" (stainless steel) |

Genesis (PGE)

NYLON CASTERS
Single Wheel



DESCRIPTION

Genesis Casters provide Maximum performance and effortless mobility

APPLICATIONS

- Healthcare furniture
- IV Stands
- Monitoring Equipment Stands
- Mobile Computing Workstations
- Telehealth Carts

FEATURES & SPECIFICATIONS

- Sealed Precision bearings in Wheel and Swivel section provide quiet and effortless mobility
- Soft (65A) non-marking Monotech wheels Reject debris and provide excellent navigation on both carpet and hard floors
- Strong protective body conceals wheel hub and bearings for easy cleaning
- Integrated thread guards protect wheels from entangling debris
- RoHS environmentally friendly (consult factory for requirements on a part specific basis)

COLORS AND FINISHES

WH

White fork with gray wheels, brake pedals and swivel guards



GR

Gray fork with gray wheels and brake pedals and swivel guards



BK

Black fork with black wheels and brake pedals and swivel guards



CASTER OPTIONS



Free Swivel



Wheel Brake

Lock with press of brake pedal. Unlock by pushing brake pedal up.

APPLICATION EXAMPLE



CASTER SIZES



PGE741-BK-MNT33(KK)B



PGE741-BK-MNT33(KK)

75mm



PGE741-GR-MNT33(GG)B



PGE741-GR-MNT33(GG)

100mm

GENESIS (PUT) MODELS

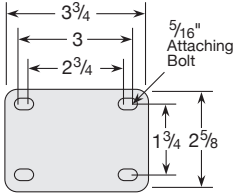
| Wheel Diameter | Mounting Height | Configuration Type | Caster/Tread Color | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-------------------------------|--------------------|--------------------|---------------|--------------|-------------|------------------------------------|---|
| 3" | 102mm | Swivel | White/Gray | 75mm | 50kg | 25mm | PGE30 -WH-MNT33(GG) | Threaded: 507, 605, 637, 748 ; Grip Ring: 223, 211 |
| | | Wheel Brake | White/Gray | 95mm | 50kg | 25mm | PGE30 -WH-MNT33(GG)B | |
| | | Swivel | Gray/Gray | 75mm | 50kg | 25mm | PGE30 -GR-MNT33(GG) | |
| | | Wheel Brake | Gray/Gray | 95mm | 50kg | 25mm | PGE30 -GR-MNT33(GG)B | |
| | | Swivel | Black/Black | 75mm | 50kg | 25mm | PGE30 -BK-MNT33(KK) | |
| | | Wheel Brake | Black/Black | 95mm | 50kg | 25mm | PGE30 -BK-MNT33(KK)B | |
| 4" | Thread: 137mm Plate: 143mm | Swivel | White/Gray | 95mm | 100kg | 30mm | PGE40 -WH-MNT63(GG) | Threaded: 741, 748 ; Grip Ring: 291 Plate: 120 |
| | | Wheel Brake | White/Gray | 105mm | 100kg | 30mm | PGE40 -WH-MNT63(GG)B | |
| | | Swivel | Gray/Gray | 95mm | 100kg | 30mm | PGE40 -GR-MNT63(GG) | |
| | | Wheel Brake | Gray/Gray | 105mm | 100kg | 30mm | PGE40 -GR-MNT63(GG)B | |
| | | Swivel | Black/Black | 95mm | 100kg | 30mm | PGE40 -BK-MNT63(KK) | |
| | | Wheel Brake | Black/Black | 105mm | 100kg | 30mm | PGE40 -BK-MNT63(KK)B | |

CHOOSE FITTING CODE

Top Plates

120

(INCHES)



Threaded Stem

| | |
|------------|---------------------|
| 507 | 5/16" -18NC x 1" |
| 605 | 3/8" -16NC x 1-1/2" |
| 637 | 3/8" -16NC x 3/4" |
| 741 | 1/2" -13NC x 1" |
| 748 | 1/2" -13NC x 1-1/2" |



Grip Ring Stem

| | |
|------------|-----------------|
| 211 | 7/16" x 1-7/16" |
| 291 | 7/16" x 1-1/4" |
| 223 | 7/16" x 7/8" |

OTHER MOUNTING SOLUTIONS

Medcaster has many solutions to help you mount your casters to your equipment quickly and easily. Minimum order quantities may apply.



Connects casters to wood



Connects casters to round tubes



Weldable caster mount



Metal T nut



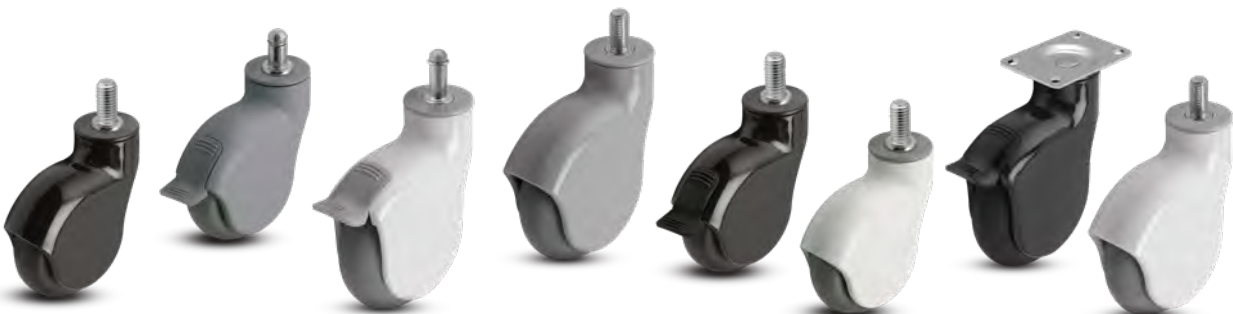
Connect casters to threaded pipes



Connects casters to square tubes



Corner brackets



Steel-Chrome/Zinc Plated Intro

MedCaster steel-chrome and zinc plated



RZ
Razer
Zinc Plated
Page 37



CN
NeoTeq Comfort Roll
Chrome Plated
Page 38



DN
NeoTeq Dual
Chrome Plated
Page 39



FX
Chrome Hospital
Chrome Plated
Page 40-41



CS
Chrome Hospital Precision
Chrome Plated
Page 42-43



BB/TT
Bi-Brake
Chrome Plated with
optional guard
Page 44-45



DW
Dual Wheel
Zinc Plated
Page 46

STEEL & STAINLESS STEEL
Steel-Chrome/Zinc Plated



DESCRIPTION

The Razer RZ series is an economy chrome finished caster series for light duty medical applications

APPLICATIONS

- Laundry Hampers
- IV Stands
- Bassinets
- Home Healthcare beds
- O.R. Tables

FEATURES & SPECIFICATIONS

- Precision bearings in wheel provide quiet and easy rolling. (except 50mm)
- 85A TPR rubber wheels
- Polished Chrome finish (Zinc and Electropolished chrome options by special order)
- Thread guards protect wheels from entangling debris
- Double Ball Swivel Raceway

OPTIONS

CASTER OPTIONS



Free Swivel



Total Lock Brake
locks both swivel and wheel



Zinc Plated Option
Zinc available by special order, special colors available with MOQ. Consult factory.

WHEEL INFO



TPR

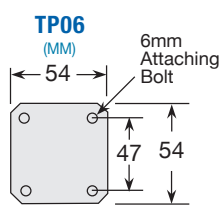
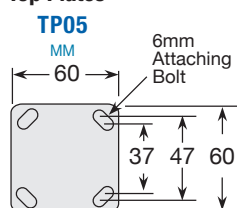
Thermoplastic Rubber
85A with centered plain bore or precision ball bearing depending on wheel diameter

RAZER (RZ) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Wheel Bearing | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|--|--------------------|----------------|---------------|--------------|-------------|-----------------------------------|--|
| 2" | 70mm hollow kingpin and stem models 71mm plate models | Swivel | Plain Bore | 50mm | 50kg | 19mm | RZ02TPN070SW-___ | Plate: TP05 (75mm and up) TP06 (50mm only) Hollow Kingpin: HK04 Grip Ring: GR01, GR02, GR03 Threaded Stem: TS06, TS15, TS25 |
| | | Total Lock | Plain Bore | 82mm | 50kg | 19mm | RZ02TPN070TL-___ | |
| 3" | 101mm hollow kingpin and stem models 103mm plate models | Swivel | Precision Ball | 73mm | 64kg | 22mm | RZ03TPP090SW-___ | |
| | | Total Lock | Precision Ball | 104mm | 64kg | 22mm | RZ03TPP090TL-___ | |
| 4" | 123mm hollow kingpin and stem models 125mm plate models | Swivel | Precision Ball | 85mm | 73kg | 22mm | RZ04TPP090SW-___ | |
| | | Total Lock | Precision Ball | 107mm | 73kg | 22mm | RZ04TPP090TL-___ | |
| 5" | 151mm hollow kingpin and stem models 153mm plate models | Swivel | Precision Ball | 98mm | 75kg | 22mm | RZ05TPP090SW-___ | |
| | | Total Lock | Precision Ball | 107mm | 75kg | 22mm | RZ05TPP090TL-___ | |

CHOOSE FITTING CODE

Top Plates



Hollow Kingpin*

HK04 11mm ID

*For unassembled casters, use HKU4 codes.



Grip Ring Stems

GR01 7/16" x 1-7/16"

GR02 7/16" x 1-7/16"



Threaded stems

TS06 3/8"-16NC x 1"

TS15 M10 x 15mm

TS25 1-1/2"-16NC x 3/8"

NeoTeq Comfort Roll (CN)



DESCRIPTION

The NeoTeq CN series is a premium chrome finished caster series for light duty medical applications

APPLICATIONS

- Laundry Hampers
- IV Stands
- Bassinets
- Lab equipment
- O.R. Tables

FEATURES & SPECIFICATIONS

- Precision bearings in wheel provide quiet and easy rolling.
- 65A Neoprene rubber wheels provide maximum mobility in a soft wheel
- Polished Chrome finish (powder coat finish available by special order)
- Thread guards protect wheels from entangling debris
- Double Ball Swivel Raceway

OPTIONS

CASTER OPTIONS



Free Swivel



Total Lock Brake
locks both swivel and wheel



Finish Options
Powder coated colors available. Contact MedCaster for MOQ.

WHEEL OPTIONS



NRP

Standard Black Neoprene Rubber
Non-Marking rubber with precision ball bearings in wheels for easier rollability
Durable coated metal dust shield.



Gray Rubber
Contact MedCaster for MOQ.

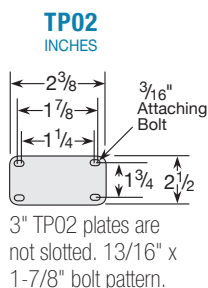
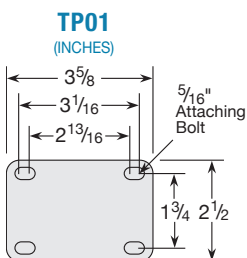
STEEL & STAINLESS STEEL
Chrome Plated

NEOTEQ (CN) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|---|
| 2" | 68mm stems 75mm plates | Swivel | 51mm | 57kg | 25mm | CN02NRP100SW-___ | Threaded: TS06 Grip Ring: GR01, GR02 Plate: TP01, TP02 |
| | | Total Lock | 51mm | 57kg | 25mm | CN02NRP100TL-___ | |
| 2 1/2" | 86mm stems 89mm plates | Swivel | 64mm | 75kg | 25mm | CN25NRP100SW-___ | |
| | | Total Lock | 68mm | 75kg | 25mm | CN25NRP100TL-___ | |
| 3" | 102mm stems 105mm plates | Swivel | 71mm | 80kg | 25mm | CN03NRP100SW-___ | |
| | | Total Lock | 71mm | 80kg | 25mm | CN03NRP100TL-___ | |

CHOOSE FITTING CODE

Top Plates



Hollow Klingpin

HK04 Assembled
For 3/8" I.D. fittings

Threaded stems

TS06 3/8" x 16NC x 1"

Grip Ring Stems

GR01 7/16" x 7/8"
GR02 7/16" x 1-7/16"

CASTER SIZES



NeoTeq Dual (DN)



DESCRIPTION

The NeoTeq DN series is a premium chrome finished caster series for heavier duty medical applications

APPLICATIONS

- Pharmacy medication distribution
- Exam tables
- Lab equipment
- O.R. Tables
- Tripod dollies
- Patient lifts

FEATURES & SPECIFICATIONS

- Precision bearings in wheels provide quiet and easy rolling.
- 65A Neoprene rubber wheels provide maximum mobility in a soft wheel
- Polished Chrome finish
- Thread guards protect wheels from entangling debris
- Double Ball Swivel Raceway
- Upper dust cap prevent dirt and dust build up on swivel bearings

OPTIONS

CASTER OPTIONS



Free Swivel



Rigid

WHEEL INFO



NRP

Standard Black Neoprene Rubber

Non-Marking rubber with precision ball bearings in wheels for easier rollability
Durable coated metal dust shield.



STEEL & STAINLESS STEEL
Chrome Plated

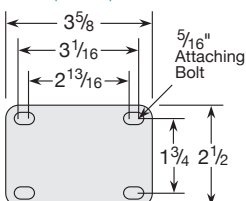
NEOTEQ DUAL (DW) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|---|
| 2" | 83mm stems 86mm plates | Swivel | 60mm | 114kg | 25mm | DN02NRP100SW- ___ | Threaded: TS06 Grip Ring: GR01, GR02, GR03 Plate: TP01 |
| | | Total Lock | 60mm | 114kg | 25mm | DN02NRP100TL- ___ | |
| 2 1/2" | 95mm stems 98mm plates | Swivel | 64mm | 136kg | 25mm | DN25NRP100SW- ___ | |
| | | Total Lock | 64mm | 136kg | 25mm | DN25NRP100TL- ___ | |

CHOOSE FITTING CODE

Top Plates

TP01
(INCHES)



Hollow Kingpin

HK01 Assembled

For 1/2" I.D. fittings



Threaded stems

TS02 1" x 13NC x 1-1/2"

Chrome Hospital (FX)



DESCRIPTION

The Fortis FX series is a premium electropolished chrome finished caster series for medical Applications with a unique double brake pedal system for ease of use

APPLICATIONS

- Institutional carts
- Wire shelving
- Lab equipment
- Endoscope carts
- Medical Storage carts

FEATURES & SPECIFICATIONS

- Precision bearings in wheels provide quiet and easy rolling.
- Various wheel options for various applications
- Electropolished Chrome finish
- Thread guards protect wheels from entangling debris
- Double Ball heat treated Swivel Raceway
- Swivel, Total Lock, Directional Lock and Rigid options available

COLORS AND FINISHES

Standard Finish

Standard Finish is Electropolished Chrome RoHs 3. Zinc available by special order.

Standard Total Lock

Red Brake Pedal
RAL 3020

Optional Total Lock

Gray Pedals available by special order

Standard Direction Lock

Green Brake Pedal
RAL 6024

OPTIONS

CASTER OPTIONS



Free Swivel



Rigid



Total Lock Brake
easy action double pedal models lock both swivel and wheel



Direction Lock
easy action double pedal models lock swivel only (helps with steering)

SIZES



75mm

100mm

125mm

150mm

WHEEL OPTIONS



TPP
Thermoplastic Rubber
85A with centered precision bearing



AMP
Antimicrobial Thermoplastic Rubber
85A with centered precision bearing



CRP
Conductive Thermoplastic Rubber
Rubber 85A with centered Precision bearing



PYP
Injection Molded Polyurethane
95A with centered precision bearing



CTG
Chrome Thread Guards
Available on all models

STEEL & STAINLESS STEEL
Chrome Plated

CHROME HOSPITAL (FX) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | TREAD WIDTH | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|--|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 75mm | 106mm hollow kingpin/stem models; 108.5mm plate models | Swivel | 82mm | 80kg | 32mm | FX75 SW- | Plate: TP01, TP11, TP13 Hollow Kingpin: HK01, HK04, HKU1, HKU4 Grip Ring: *GR02, *GR06, GR09 Round Stem: RS01, RS02, RS03 Threaded Stem: TS02, TS03, TS04, TS05, TS06, TS07, TS21, TS22 *Expanding Adapter Stems Round Nylon: XRN1, XRN2, XRN3, XRN4, XRN5 *Expanding Adapters Round Rubber: XRR1, XRR2, XRR3, XRR4, XRR5, XRR6, XRR7, XRR9 *Expanding Adapters Square Nylon: XSN1, XSN2, XSN3, XSN5, XSN6, XSN7, XSN9 *Expanding adapters and specified grip ring stems are not compatible with directional lock models |
| | | Total Lock | 115mm | 80kg | 32mm | FX75 TL- | |
| | | Directional Lock | 115mm | 80kg | 32mm | FX75 DL- | |
| | | Rigid | N/A | 80kg | 32mm | FX75 RG- | |
| 100mm | 131mm hollow kingpin and stem models; 133.5mm plate models | Swivel | 90mm | 109kg | 32mm | FX100 SW- | |
| | | Total Lock | 115mm | 109kg | 32mm | FX100 TL- | |
| | | Directional Lock | 115mm | 109kg | 32mm | FX100 DL- | |
| | | Rigid | N/A | 109kg | 32mm | FX100 RG- | |
| 125mm | 158.5mm hollow kingpin and stem models; 161mm plate models | Swivel | 102mm | 125kg | 32mm | FX125 SW- | |
| | | Total Lock | 115mm | 125kg | 32mm | FX125 TL- | |
| | | Directional Lock | 115mm | 125kg | 32mm | FX125 DL- | |
| | | Rigid | N/A | 125kg | 32mm | FX125 RG- | |
| 150mm | 186.5mm hollow kingpin and stem models; 189mm plate models | Swivel | 115mm | 136kg | 32mm | FX150 SW- | |
| | | Total Lock | 115mm | 136kg | 32mm | FX150 TL- | |
| | | Directional Lock | 115mm | 136kg | 32mm | FX150 DL- | |
| | | Rigid | N/A | 136kg | 32mm | FX150 RG- | |

CHOOSE WHEEL CODE

| TPP | AMP | CRP | PYP |
|----------------------|------------------------------------|---------------------------------|-------------------------------|
| Thermoplastic Rubber | Antimicrobial Thermoplastic Rubber | Conductive Thermoplastic Rubber | Injection Molded Polyurethane |

CHOOSE FITTING CODE

Hollow Kingpin*

| (HK) | ID |
|-------|---------|
| HK01 | 13mm ID |
| HK04 | 11mm ID |
| HKU1* | 13mm ID |
| HKU4* | 11mm ID |

Threaded stems

| (TS) | Stem |
|------|----------------------|
| TS02 | 1/2"-13NC x 1" |
| TS03 | 1/2"-13NC x 1-1/2" |
| TS04 | 1/2"-13NC x 2" |
| TS05 | 7/16"-14NC x 1-3/4" |
| TS06 | 3/8"-16NC x 1" |
| TS07 | M12 x 25mm |
| TS21 | M12 x 60mm |
| TS22 | 1/2"-13NC x 2-11/16" |

Grip Ring Stems

| (GR) | Stem |
|-------|-----------------|
| GR02 | 7/16" x 1-7/16" |
| GR06 | 7/8" x 2" |
| GR09* | .845" x 2-3/16" |

Round Stems*

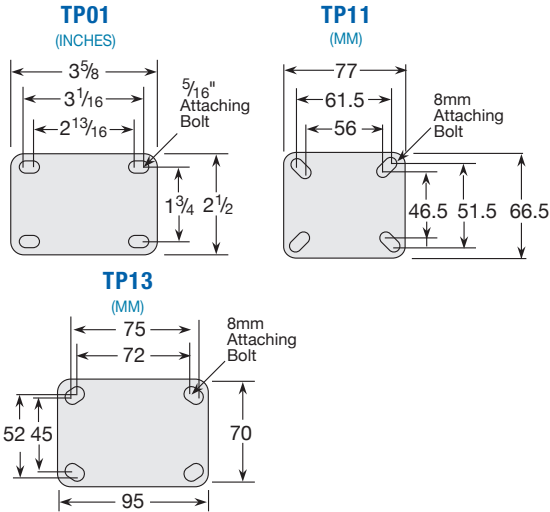
| (RS) | Stem |
|------|---------------|
| RS01 | 22mm x 45mm |
| RS02 | 25.4mm x 45mm |
| RS03 | 27.8mm x 45mm |

*Threaded stem models will be furnished with a loose cap screw with nylon retention washer for ease of assembly. Stems fixed to the caster are by special order and may have a MOQ.

*GR09 mounting hole is 8mm and located 19mm on center from the base of stem.

*Mounting hole is 8mm and located 19mm on center from the base of stem.

Top Plates



STEEL & STAINLESS STEEL
Chrome Plated

Round Nylon Expanding Adapter

| (XRN) | Fitting Code | Imperial Expansion Range | Metric Expansion Range |
|-------|--------------|--------------------------|------------------------|
| | XRN1 | .70"-.78" | 17.8-19.7mm |
| | XRN2 | .78"-.85" | 19.8-21.7mm |
| | XRN3 | .86"-.97" | 21.8-24.7mm |
| | XRN4 | .97"-1.13" | 24.8-28.7mm |
| | XRN5 | 1.14"-1.29" | 28.8-32.7mm |

Lengths vary by expander size. XRN and XSN expanders use an M12 bolt and the XRR expanders use a 1/2-13 bolt.

Square Nylon Expanding Adapter

| (XSN) | Fitting Code | Imperial Expansion Range | Metric Expansion Range |
|-------|--------------|--------------------------|------------------------|
| | XSN1 | .78"-.81" | 19.6-20.9mm |
| | XSN2 | .83"-.87" | 21.0-21.9mm |
| | XSN3 | .88"-.94" | 22.0-24.0mm |
| | XSN5 | .985"-.1.12" | 25.8-28.5mm |
| | XSN6 | 1.13"-1.16" | 28.6-29.5mm |
| | XSN7 | 1.16"-1.29" | 29.6-32.7mm |
| | XSN9 | 1.36"-1.46" | 34.6-37.0mm |

Lengths vary by expander size. XRN and XSN expanders use an M12 bolt and the XRR expanders use a 1/2-13 bolt.

Round Rubber Expanding Adapters

| (XRR) | Fitting Code | Imperial Expansion Range | Metric Expansion Range |
|-------|--------------|--------------------------|------------------------|
| | XRR1 | .75"-.81" | 19.04-20.62mm |
| | XRR2 | .88"-.94" | 22.21-23.79mm |
| | XRR3 | 1.0"-1.06" | 25.4-26.99mm |
| | XRR4 | 1.13"-1.19" | 28.7-30.23mm |
| | XRR5 | 1.25"-1.31" | 31.75-33.27mm |
| | XRR6 | 1.38"-1.44" | 35.05-36.57mm |
| | XRR7 | 1.5"-1.56" | 38.1-39.62mm |
| | XRR9 | 1.63"-1.69" | 41.4-42.93mm |

Lengths vary by expander size. XRN and XSN expanders use an M12 bolt and the XRR expanders use a 1/2-13 bolt.

Chrome Hospital Precision (CS)



DESCRIPTION

Our CS series offers high quality maintenance free operation required for the most demanding applications

APPLICATIONS

- Stretchers
- Lab equipment
- Morgue Equipment
- Pharmaceutical Research Equipment
- Diagnostic Imaging Equipment

FEATURES & SPECIFICATIONS

- Electropolished chrome
- Precision bearings in wheels provide quiet and easy rolling mobility
- Swivel, Total Lock, Directional Lock options available
- Thread guards protect wheels from entangling debris (Nylon or Chrome thread guards available depending on wheel size and type)
- Precision Swivel Raceway for smooth swiveling and long life
- Elastic Rubber wheel option for shock absorbing mobility

COLORS AND FINISHES

STEEL & STAINLESS STEEL
Chrome Plated

Standard Finish

Standard Finish is Electropolished Chrome RoHS 3. Zinc available by special order.



Standard Total Lock

Grey Brake Pedal



Standard Direction Lock

Green Brake Pedal



OPTIONS CASTER OPTIONS



Free Swivel



Total Lock Brake
easy action double pedal models lock both swivel and wheel



Direction Lock
easy action double pedal models lock swivel only (helps with steering)

WHEEL OPTIONS



EAP
Elastic Rubber
Aluminum core
65A with centered precision bearing



TPP
Thermoplastic Rubber
70A with centered precision bearing



PYP
Thermoplastic Polyurethane
95A with centered precision bearing



CHROME HOSPITAL (CS) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | TREAD WIDTH | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 125mm | 161mm | Swivel | 102mm | 100kg | 32mm | CS125 <u>SW-</u> | Plate: TP01, TP13 Round Stem: RS01, RS02, RS03 Threaded Stem: TS02, TS707, TS40 |
| | | Total Lock | 102mm | 100kg | 32mm | CS125 <u>TL-</u> | |
| | | Directional Lock | 102mm | 100kg | 32mm | CS125 <u>DL-</u> | |
| 150mm | 196.5mm | Swivel | 125mm | 150kg | 40mm | CS150 <u>SW-</u> | |
| | | Total Lock | 125mm | 150kg | 40mm | CS150 <u>TL-</u> | |
| | | Directional Lock | 125mm | 150kg | 40mm | CS150 <u>DL-</u> | |
| 200mm | 250mm | Swivel | 158mm | 150kg | 40mm | CS200 <u>SW-</u> | |
| | | Total Lock | 158mm | 150kg | 40mm | CS200 <u>TL-</u> | |
| | | Directional Lock | 158mm | 150kg | 40mm | CS200 <u>DL-</u> | |

CHOOSE WHEEL CODE

| EAP | TPP | PYP |
|--|-------------------------|--|
| Elastic Rubber Aluminum core 65A | Thermoplastic Rubber | 95A with centered precision bearing |

CHOOSE FITTING CODE



Round Stems*

| | |
|-------------|---------------|
| RS01 | 22mm x 45mm |
| RS02 | 25.4mm x 45mm |
| RS03 | 27.8mm x 45mm |

*Mounting hole is 8mm and located 19mm on center from the base of stem.



Threaded stems

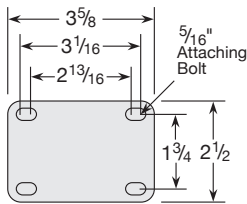
| | |
|-------------|--------------------|
| TS02 | 1/2"-13NC x 1" |
| TS03 | 1/2"-13NC x 1-1/2" |
| TS40 | M16 x 2.0 x 25mm |

*Threaded stem models will be furnished with a loose cap screw with nylon retention washer for ease of assembly. Stems fixed to the caster are by special order and may have a MOQ.

Top Plates

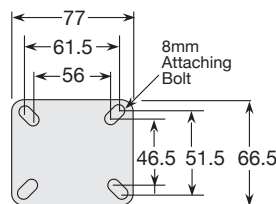
TP01

(INCHES)



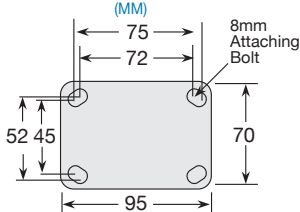
TP11

(MM)



TP13

(MM)



Bi Brake (BB/DT)



DESCRIPTION

Our Bi-Brake series offers high quality maintenance free operation required for the most demanding applications as well as superior ease of use

APPLICATIONS

- Stretchers
- Lab equipment
- Morgue Equipment
- Pharmaceutical Research Equipment
- Diagnostic Imaging Equipment

FEATURES & SPECIFICATIONS

- Electropolished Chrome or Plastic Covered
- Precision bearings in wheels provide quiet and easy rolling mobility
- Swivel, Total Lock, Directional Lock options available
- Swivel, Total Lock, Directional Lock options available
- Thread guards protect wheels from entangling debris (Nylon or Chrome thread guards available depending on wheel size and type)
- Chrome thread guards available depending on wheel size and type)
- Precision Swivel Raceway for smooth swiveling and long life
- Elastic rubber wheels for shock absorbing mobility

STEEL & STAINLESS STEEL
Chrome Plated

OPTIONS

CASTER OPTIONS



Free Swivel



Total Lock Brake
Gray easy action double pedal models lock both swivel and wheel



Direction Lock
Green easy action double pedal models lock swivel only (helps with steering)



Combo Direction/Total Lock
design features two locking pedals that allow separate control of wheel and steering lock. Off pedal unlocks both simultaneously.

BI BRAKE (BB/DT) MODELS

| Wheel Diameter | Tread Width | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Base Footprint | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-------------|-----------------|----------------------------|---------------|--------------|----------------|-----------------------------------|--|
| 125mm | 32mm | 161mm | Swivel | 107mm | 100kg | 78mm | BB125 SW-___ | Plate: TP11, TP13, TP16 Round Stem: RS01, RS02, RS03 Threaded Stem: TS02, TS07, TS40, TS40F |
| | | | Total Lock | 107mm | 100kg | 78mm | BB125 TL-___ | |
| | | | Directional Lock | 107mm | 100kg | 78mm | BB125 DL-___ | |
| | | | Combo Direction/Total Lock | 107mm | 100kg | 78mm | BB125 DT-___ | |
| 150mm | 32mm | 192.5mm | Swivel | 125mm | 120kg | 83mm | DT150 SW-___ C1W | |
| | | | Total Lock | 125mm | 120kg | 83mm | DT150 TL-___ C1W | |
| | | | Directional Lock | 125mm | 120kg | 83mm | DT150 DL-___ C1W | |
| | | | Combo Direction/Total Lock | 125mm | 120kg | 83mm | DT150 DT-___ C1W | |
| | 40mm | 196.5mm | Swivel | 127mm | 150kg | 88mm | BB150 SW-___ | |
| | | | Total Lock | 127mm | 150kg | 88mm | BB150 TL-___ | |
| | | | Directional Lock | 127mm | 150kg | 88mm | BB150 DL-___ | |
| | | | Combo Direction/Total Lock | 127mm | 150kg | 88mm | BB150 DT-___ | |
| 200mm | 40mm | 250mm | Swivel | 150mm | 150kg | 88mm | BB200 SW-___ | |
| | | | Total Lock | 150mm | 150kg | 88mm | BB200 TL-___ | |
| | | | Directional Lock | 150mm | 150kg | 88mm | BB200 DL-___ | |
| | | | Combo Direction/Total Lock | 150mm | 150kg | 88mm | BB200 DT-___ | |

CHOOSE WHEEL CODE

| EAP | TPP | PYP |
|--|-------------------------|--|
| Elastic Rubber Aluminum core 65A | Thermoplastic Rubber | 95A with centered precision bearing |

CHOOSE FITTING CODE



Round Stems*

| | |
|------|---------------|
| RS01 | 22mm x 45mm |
| RS02 | 25.4mm x 45mm |
| RS03 | 27.8mm x 45mm |

*Mounting hole is 8mm and located 19mm on center from the base of stem.

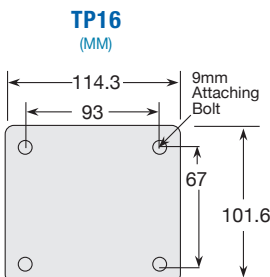
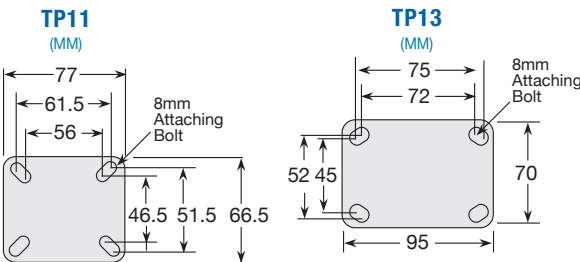


Threaded stems

| | |
|-------|-------------------------------|
| TS02 | 1/2"-13NC x 1" |
| TS07 | M12 x 1.75 x 25.4mm |
| TS40 | M16 x 2.0 x 25mm |
| TS40F | M16 x 2.0 x 25mm with 2 Flats |

*Threaded stem models will be furnished with a loose cap screw with nylon retention washer for ease of assembly. Stems fixed to the caster are by special order and may have a MOQ.

Top Plates



OTHER OPTIONS

| | |
|------|-------------------------|
| C1 | Plastic Cover |
| W | White |
| NCC | No Plastic Cover Chrome |
| COND | Conductive option |

Other color combinations available by special order with factory MOQ.

150MM TREAD WIDTH CHOICES



BB: 150mm x 40mm



DT: 150mm x 32mm

Dual Wheel (DW)



DESCRIPTION

The Dual Wheel DW series is a low profile caster made for applications with height restrictions but require higher load capacity than other small casters

APPLICATIONS

- Institutional carts
- Lab equipment
- Patient lifts
- Medical Equipment
- Computer Equipment

FEATURES & SPECIFICATIONS

- Precision bearings in wheels provide quiet and easy rolling mobility
- Total Lock brake provides better locking performance
- Polished Chrome finish
- Thread guards protect wheels from entangling debris
- Double Swivel Raceway

OPTIONS

CASTER OPTIONS



Free Swivel



Total Lock Brake
locks both swivel and wheel

WHEEL OPTIONS



GRP

Non-Marking Gray GRP

Non-Marking rubber with precision ball bearings in wheels for easier rollability. Durable plastic dust shield.



TPP

Non-Marking Gray TPR

Non-Marking TPR rubber with precision ball bearings in wheels for easier rollability. Durable plastic dust shield.

STEEL & STAINLESS STEEL
Twin Wheel Zinc Plated

NEOTEQ DUAL (DW) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 2" | 72mm stems 74mm plates | Swivel | 54mm | 90kg | 42mm | DW02_100SW-__ | Threaded: TS06 Grip Ring: GR01, GR02, GR03 Plate: TP01, TP11 |
| | | Total Lock | 89mm | 90kg | 42mm | DW02_100TL-__ | |
| 3" | 100mm stems 103mm plates | Swivel | 69mm | 100kg | 42mm | DW03_100SW-__ | |
| | | Total Lock | 89mm | 100kg | 42mm | DW03_100TL-__ | |

CHOOSE WHEEL CODE

GRP

Gray Rubber with precision bearing

TPP

Thermoplastic with precision bearing
Rubber

CHOOSE FITTING CODE

Hollow Kingpin

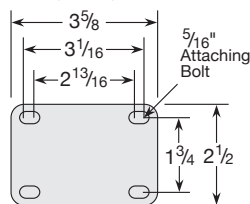


HK01 Assembled

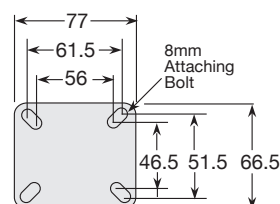
For 1/2" I.D. fittings

Top Plates

TP01
(INCHES)



TP11
(MM)



MedCaster stainless steel



SS
Economical Stainless Steel
Page 48-49



SX
Stainless Steel
Page 50-51



SC
Stainless Steel Precision
Page 52-53



D4
Defender Stainless Steel
Page 54-55

ARZ STERILIZER ANTIMICROBIAL WHEEL DESIGNED FOR TEAM STERILIZATION APPLICATIONS



Hi-Temp Thermal Rubber (ARZ)
Antimicrobial wheel. Stainless steel thread guards standard. 280 degrees Wash down (10 minutes), Auto Clave / Steam instrument wash @ max load of 90kg per wheel under heat and 108kg at room temp. Durometer: 78-85A

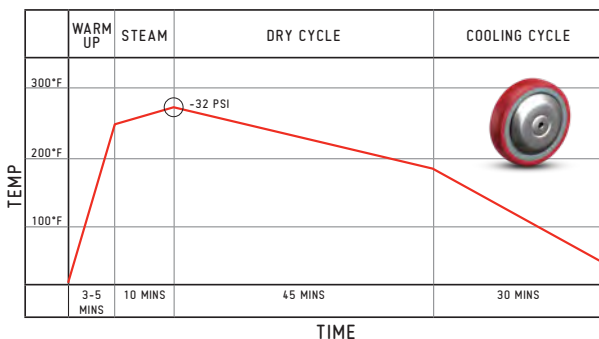
These soft and quiet antimicrobial wheels have been engineered to withstand typical steam sterilization to withstand typical steam sterilization cycles of 280°F at -32 psi vacuum pressure cycles of 280°F at -32 psi vacuum pressure without flat spotting or separating from their cores. This lasting durability makes Sterilizer Wheels an ideal solution for medical carts used in autoclaves or for equipment that is consistently exposed to steam-sterilization or cart wash cycles. Providing excellent traction and quiet performance in demanding high-temp applications, Sterilizer Wheels help reduce unwanted vibration and noise while offering superior floor protection and debris rejection.

Sterilizer (ARZ) wheels have been independently lab tested to exceed and withstand typical FDA instrument sterilization cycle at 200 lbs. per wheel.*

Instrument Sterilization cycle times are 270° for a maximum of 10 minutes at -32 PSI. **These wheels are not recommended for Autoclaves that have longer cycle times.**

ARZ STEAM STERILIZATION RESILIENCE

FDA STERILIZATION CYCLE



* Tested to withstand FDA instrument sterilization cycles at 200 lb. per wheel. Capacity increases to 250 lbs. (114 kg) per wheel for standard/cart wash usage up to 220°F.

Stainless Steel (SS)



DESCRIPTION

Our Stainless Steel (SS) series casters gives you the quality necessary for most medical and pharmaceutical applications at an affordable price

APPLICATIONS

- Case Carts
- Lab equipment
- Wire shelving
- Animal cages
- Pharmaceutical Research equipment
- Instrument cleaning carts

FEATURES & SPECIFICATIONS

- 304 Stainless Steel Hand Polished
- Precision bearings in wheels provide quiet and easy rolling mobility
- Swivel, Total Lock, Directional Lock and Rigid options available
- Thread guards protect wheels from entangling debris (Nylon or Stainless thread guards available depending on wheel size and type)
- Double Swivel Raceway
- Antimicrobial TPR wheels available as added protection against microbes

OPTIONS

CASTER OPTIONS



Swivel Plate



Swivel Stem



Rigid Plate



Total Lock
Red "Brake" sticker on pedal. Brake locks wheel and swivel.



Direction Lock
Green "Steer" sticker on pedal. Brake locks swivel only for easier tracking. See next page.

WHEEL OPTIONS



Conductive Rubber (CRB)
Helps reduce static electricity buildup to protect you and your electronic equipment
Durometer: 70A±5



Thermoplastic Rubber (TPP)
210 Degrees wash down
Durometer: 85A±5



Antimicrobial (AMP)
210 Degrees wash down
Durometer: 85A±5



Polyurethane (PYP)
180 Degrees wash down
Durometer: 95A±5



Hi-Temp Thermal Rubber (ARZ)
Antimicrobial wheel. Stainless steel thread guards standard. 280 degrees Wash down (10 minutes), Auto Clave / Steam Sterilizer instrument wash @ max load of 90kg per wheel under heat and 108kg at room temp.
Durometer: 78-85A



Thread Guards
Nylon standard on all models except ARZ wheels. For chrome plated specify -CTG; for stainless steel specify -SSTG (5 and 6" sizes only). Example : SS05TPPSW-TP01**SSTG**



Stainless steel wheel bearing
Change bearing code to "X" (standard on ARZ wheels) Example: SS03PYXSW-TP01

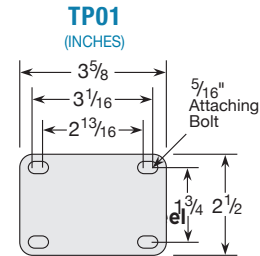
STAINLESS STEEL (SS) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 3" | 108mm stems 112mm plates | Swivel | 75mm | 74kg | 32mm | SS03 125SW- _____ | Top Plate: TP01 Threaded: TS12, TS13, TS14 Grip Ring: GRS2, GR11 Hollow Kingpin: HK01, HKU1 |
| | | Rigid | - | 74kg | 32mm | SS03 125RG- _____ | |
| | | Total Lock | 108mm | 74kg | 32mm | SS03 125TL- _____ | |
| | | Directional Lock | 108mm | 74kg | 32mm | SS03 125DL- _____ | |
| 4" | 135mm stems 136mm plates | Swivel | 95mm | 86kg | 32mm | SS04 125SW- _____ | |
| | | Rigid | - | 86kg | 32mm | SS04 125RG- _____ | |
| | | Total Lock | 115mm | 86kg | 32mm | SS04 125TL- _____ | |
| | | Directional Lock | 115mm | 86kg | 32mm | SS04 125DL- _____ | |
| 5" | 159mm stems 163mm plates | Swivel | 110mm | 99kg | 32mm | SS05 125SW- _____ | |
| | | Rigid | - | 99kg | 32mm | SS05 125RG- _____ | |
| | | Total Lock | 125mm | 99kg | 32mm | SS05 125TL- _____ | |
| | | Directional Lock | 125mm | 99kg | 32mm | SS05 125DL- _____ | |
| 6" | 185mm stems 187mm plates | Swivel | 120mm | 108kg | 32mm | SS06 125SW- _____ | |
| | | Rigid | - | 108kg | 32mm | SS06 125RG- _____ | |
| | | Total Lock | 125mm | 108kg | 32mm | SS06 125TL- _____ | |
| | | Directional Lock | 125mm | 108kg | 32mm | SS06 125DL- _____ | |

CHOOSE WHEEL CODE

| | | | | |
|---------------------------------|------------------------------------|-----------------------------|----------------------------|--------------------------------------|
| CRB Conductive Rubber | TPP Thermoplastic rubber | AMP Antimicrobial | PYP Polyurethane | ARZ Hi-Temp Thermal Rubber |
| | | | | |

CHOOSE FITTING CODE



Stainless Steel Threaded

| | |
|-------------|--------------------|
| TS12 | 1/2"-13NC x 1" |
| TS13 | 1/2"-13NC x 1-1/2" |
| TS14 | 1/2"-13NC x 2" |



Stainless Steel Grip Ring

| | |
|--------------|-----------------|
| GRS2 | 7/16" x 1-7/16" |
| GR11* | .845" x 2-3/16" |

*GR11 is not available on Direction Lock models



Hollow Kingpin

| | |
|-------------|-------------|
| HK01 | Assembled |
| HKU1 | Unassembled |

For 1/2" I.D. fittings

Stainless Steel (SX)



DESCRIPTION

The SX series brings you stainless institutional casters at an affordable price.

APPLICATIONS

- Case Carts
- Lab equipment
- Wire shelving
- Animal cages
- Pharmaceutical Research equipment
- Sterilization Carts

FEATURES & SPECIFICATIONS

- Polished 304 stainless steel
- Double pedal brake design for easy on/off function for both total lock (locks wheel and swivel) and direction lock casters (helps with steering)
- Dual stainless raceways are protected by dust cap and high-temp seals
- Stainless steel precision ball bearings in wheels for easier rollability
- Full thread guards protect wheels from entangling debris
- RoHS (consult factory for requirements on a part specific basis)

OPTIONS CASTER OPTIONS

STEEL & STAINLESS STEEL
Stainless Steel



Swivel Plate



Swivel Stem



Rigid Plate



Total Lock
Red "Brake" sticker on pedal. Brake locks wheel and swivel.



Direction Lock
Green "Steer" sticker on pedal. Brake locks swivel only for easier tracking. See next page.

WHEEL OPTIONS



Conductive Rubber (CRB)
Helps reduce static electricity buildup to protect you and your electronic equipment
Durometer: 70A±5



Thermoplastic Rubber (TPP)
210°F wash down
Durometer: 85A±5



Antimicrobial (AMP)
210°F wash down
Durometer: 85A±5



Polyurethane (PYP)
180°F wash down
Durometer: 95A±5



Hi-Temp Thermal Rubber (ARZ)
Antimicrobial wheel. Stainless steel thread guards standard. 280 degrees Wash down (10 minutes), Auto Clave / Steam Sterilizer instrument wash @ max load of 90kg per wheel under heat and 108kg at room temp.
Durometer: 78-85A



Thread Guards

Nylon standard on all models except ARZ wheels. For chrome plated specify -CTG; for stainless steel specify -SSTG (5 and 6" sizes only). Example : SS05TPPSW-TP01SSTG

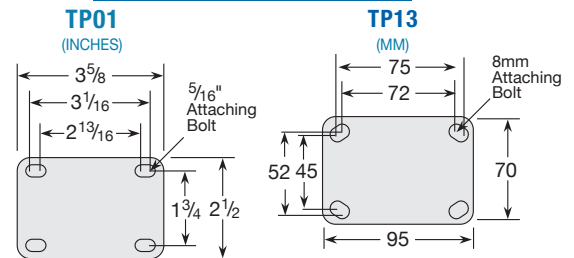
STAINLESS STEEL (SX) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | TREAD WIDTH | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|---------------------------|--------------------|---------------|--------------|-------------|-----------------------------------|---|
| 75mm | 110 stems 113 plates | Swivel | 85mm | 80kg | 32mm | SX75 125SW- | Threaded: TS12, TS13, TS14, TS22 Top Plate: TP01, TP13 Hollow Kingpin: HK01, HKU1 Grip Ring: GR11 Square Nylon Expanding Adapter: XSN1 thru XSN9 Round Nylon Expanding Adapter: XRN1 thru XSN5 |
| | | Total Lock | 108mm | 80kg | 32mm | SX75 125TL- | |
| | | Directional Lock | 108mm | 80kg | 32mm | SX75 125DL- | |
| | | Rigid | N/A | 80kg | 32mm | SX75 125RG- | |
| 100mm | 135 stems 138 plates | Swivel | 108mm | 109kg | 32mm | SX100 125SW- | |
| | | Total Lock | 108mm | 109kg | 32mm | SX100 125TL- | |
| | | Directional Lock | 108mm | 109kg | 32mm | SX100 125DL- | |
| | | Rigid | N/A | 109kg | 32mm | SX100 125RG- | |
| 125mm | 160 stems 164 plates | Swivel | 110mm | 125kg | 32mm | SX125 125SW- | |
| | | Total Lock | 110mm | 125kg | 32mm | SX125 125TL- | |
| | | Directional Lock | 110mm | 125kg | 32mm | SX125 125DL- | |
| | | Rigid | N/A | 125kg | 32mm | SX125 125RG- | |
| 150mm | 185.5 stems 187 plates | Swivel | 120mm | 136kg | 32mm | SX150 125SW- | |
| | | Total Lock | 120mm | 136kg | 32mm | SX150 125TL- | |
| | | Directional Lock | 120mm | 136kg | 32mm | SX150 125DL- | |
| | | Rigid | N/A | 136kg | 32mm | SX150 125RG- | |

CHOOSE WHEEL CODE

| | | | | |
|---------------------------------|------------------------------------|-----------------------------|----------------------------|--------------------------------------|
| CRB Conductive Rubber | TPP Thermoplastic rubber | AMP Antimicrobial | PYP Polyurethane | ARZ Hi-Temp Thermal Rubber |
| | | | | |

CHOOSE FITTING CODE



STEEL & STAINLESS STEEL
Stainless Steel

Hollow Kingpin

| | |
|-------------|-------------|
| HK01 | Assembled |
| HKU1 | Unassembled |

For 1/2" I.D. fittings

Stainless Steel Threaded

| | |
|-------------|--------------------|
| TS12 | 1/2"-13NC x 1" |
| TS13 | 1/2"-13NC x 1-1/2" |
| TS14 | 1/2"-13NC x 2" |
| TS21 | 60mm x M12 |

Expanding Adapters

Square Nylon

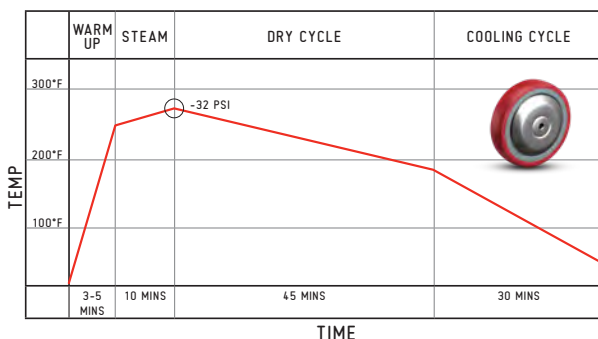
| Fitting Code | Imperial Expansion Range (length is approx. 2.25") | Metric Expansion Range (length is approx. 57mm) |
|--------------|--|---|
| XSN1 | .78"-.81" | 19.6-20.9mm |
| XSN2 | .83"-.87" | 21.0-21.9mm |
| XSN3 | .88"-.94" | 22.0-24.0mm |
| XSN5 | .985"-1.12" | 25.8-28.5mm |
| XSN6 | 1.13"-1.16" | 28.6-29.5mm |
| XSN7 | 1.16"-1.29" | 29.6-32.7mm |
| XSN9 | 1.36"-1.46" | 34.6-37.0mm |

Grip Ring

| | |
|-------------|-----------------|
| GR11 | .845" x 2-3/16" |
|-------------|-----------------|

ARZ STEAM STERILIZATION RESILIENCE

FDA STERILIZATION CYCLE



Round Nylon

| | | |
|-------------|-------------|-------------|
| XRN1 | .70"-.78" | 17.8-19.7mm |
| XRN2 | .78"-.85" | 19.8-21.7mm |
| XRN3 | .86"-.97" | 21.8-24.7mm |
| XRN4 | .97"-1.13" | 24.8-28.7mm |
| XRN5 | 1.14"-1.29" | 28.8-32.7mm |

Precision Stainless (SC)



DESCRIPTION

Our SC series offers high Quality maintenance free operation

APPLICATIONS

- Case Carts
- Lab equipment
- Morgue Equipment
- Animal cages
- Pharmaceutical Research Equipment
- Instrument cleaning carts
- Stretchers

FEATURES & SPECIFICATIONS

- 304 Stainless Steel Electropolished
- Precision bearings in wheels provide quiet and easy rolling mobility
- Swivel, Total Lock, Directional Lock options available
- Stainless Steel Precision Swivel Raceway for maintenance free operation
- Antimicrobial High Temp Rubber wheels available as added protection against microbes

OPTIONS

CASTER OPTIONS



Swivel



Total Lock

Red "Brake" sticker on pedal. Brake locks wheel and swivel.



Direction Lock

Green "Steer" sticker on pedal. Brake locks swivel only for easier tracking. See next page.

WHEEL OPTIONS



Thermoplastic Rubber (TPX)

Thermoplastic Rubber 70A with stainless steel insert molded precision bearing.



Hi-Temp TPE (HTZ)

High temp wheel (Blue) TPE 65A with dual pressed precision bearings (125mm and 150mm only).



Hi-Temp Thermal Rubber (ARZ)

Antimicrobial wheel. 280 degrees Wash down (10 minutes), Auto Clave / Steam Sterilizer instrument wash @ max load of 90kg per wheel under heat and 108kg at room temp. Durometer: 78-85A



Thread Guards

Nylon standard on all models except ARZ wheels. For chrome plated specify -CTG; for stainless steel specify -SSTG (5 and 6" sizes only).

Example :
SC125TPX157TL-TP01**SSTG**

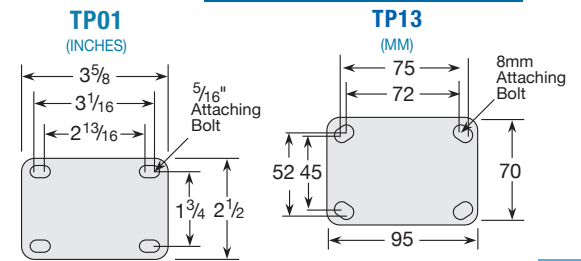
STAINLESS STEEL (SC) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Tread Material | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|--------------------|----------------|---------------|--------------|-------------|-----------------------------------|---|
| 125mm | 161mm | Swivel | ARZ | 102mm | 80kg | 32mm | SC125 SW- | Top Plate: TP01, TP13 Threaded: TS07, TS12, TS40 Round: RS01, RS02, RS03 |
| | | Total Lock | TPX | 102mm | 80kg | 32mm | SC125 TL- | |
| | | Directional Lock | HTZ | 102mm | 80kg | 32mm | SC125 DL- | |
| 150mm | 196.5mm | Swivel | ARZ | 125mm | 109kg | 40mm | SC150 SW- | |
| | | Total Lock | TPX | 125mm | 109kg | 40mm | SC150 TL- | |
| | | Directional Lock | HTZ | 125mm | 109kg | 40mm | SC150 DL- | |
| 200mm | 250mm | Swivel | TPX | 158mm | 125kg | 40mm | SC200 SW- | |
| | | Total Lock | | 158mm | 125kg | 40mm | SC200 TL- | |
| | | Directional Lock | | 158mm | 125kg | 40mm | SC200 DL- | |

CHOOSE WHEEL CODE AND BEARING CODE

| | | |
|--|-------------------------------|--|
| TPX Thermoplastic Rubber | HTZ Hi-Temp TPE | ARZ Hi-Temp Thermal Rubber |
|--|-------------------------------|--|

CHOOSE FITTING CODE



Stainless Steel Threaded

| | |
|-------------|---------------------|
| TS07 | M12 x 1.75 x 25.4mm |
| TS12 | 1/2"-13NC x 1" |
| TS40 | M16 x 2.0 x 25mm |



Round Stems*

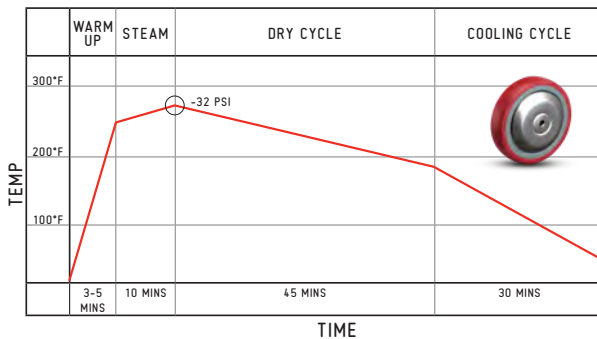
| | |
|-------------|---------------|
| RS01 | 22mm x 45mm |
| RS02 | 25.4mm x 45mm |
| RS03 | 27.8mm x 45mm |

*Mounting hole is 8mm and located 19mm on center from the base of stem.

STEEL & STAINLESS STEEL
Stainless Steel

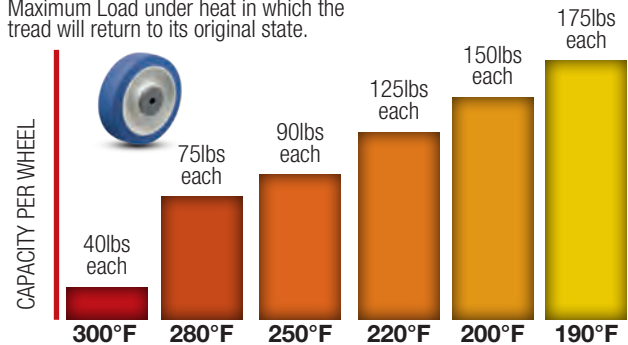
ARZ STEAM STERILIZATION RESILIENCE

FDA STERILIZATION CYCLE



HTZ TREAD ELASTICITY VS TEMPERATURE

Maximum Load under heat in which the tread will return to its original state.



Defender Stainless Steel (D4)



DESCRIPTION

The D5 Defender is the ideal 2" wide caster solution for customers requiring lasting performance and corrosion resistance.

APPLICATIONS

- Food Processing/ Service
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Clean Room
- Hospital Waste Management
- Marine

FEATURES & SPECIFICATIONS

- Constructed of highly polished, corrosion resistant stainless steel (304 Grade)
- Top plate and legs formed from 1/4" thick stainless steel for durability
- Double stainless steel ball bearing raceways (with zerk) formed smooth for ease of swiveling
- 3/4" 304 Stainless steel permanent rivet kingpin for long swivel life
- Food grade -40°F to 600°F performance grease (FDA approved)
- 1/2" diameter 304 stainless steel zerk axle standard; solid axle available by special order
- NSF (consult factory for requirements on a part specific basis)

OPTIONS CASTER OPTIONS



Swivel Plate



Rigid Plate



Total Lock (TL)

Locks wheel and swivel simultaneously. Total Lock rig rated to 300°F continuous. Specify **BRK4**.



Face Brake (FB)

Locks wheel only. Available on swivel models only. Specify **BRK7**.



Cam Brake (CB)

Locks wheel only. Available on swivel and rigid roller bearing models only. Specify **BRK3**.

WHEEL OPTIONS

Nylon Models: Temperature/moisture versatility, strong, floor protective



Polyurethane Models: Versatile & floor protective, softer than nylon/metal for quieter ride



Rubber Models: Floor protective, shock absorbing, quiet, debris rejecting



Phenolic Models: Economical & strong, not recommended for moisture



Polyolefin Models: Most Economical, light weight, and water resistant



BEARING OPTIONS



Stainless Steel Roller Bearing

Temperature Rating: 350°F
High Temp wheel selections are automatically upgraded to stainless steel thrust and retaining washers.



Delrin® Bearing

Temperature Rating: 160°F (increases to 350°F continuous for high-temp wheel selections). High Temp wheel selections are automatically upgraded to nylon bearings.



Stainless Steel Pedestal Precision Ball Bearing (PPBB)

Temperature Rating: 250°F (increases to 480°F continuous for high-temp wheel selections).

Sealed Precision available with MOQ.



Bronze Bearing

Temperature Rating: 525°F

PERFORMANCE OPTIONS

Hand Operated Swivel Lock

Not available on rigid and total lock models.



Foot Operated Swivel Lock

Not available on rigid and total lock models



Swivel Seal

Not available on rigid and total lock, swivel lock models. Temp rating: 140°F.



Fork Temperature Range
Standard swivel rigs rated up to 600°F; see specified wheel and bearing ratings to determine maximum caster temperature rating.

Thicker 3/4" kingpin lasts up to 2x longer!



Defender 3/4" kingpin rigs **last up to 2x longer** in internal durability testing compared to standard 5/8" kingpin constructions

STEEL & STAINLESS STEEL
Stainless Steel

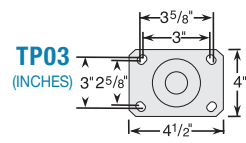
| Wheel Diameter | Mounting Height | Swivel Radius | Wheel Type | Standard Stainless Steel Bearing | Optional Bearings* | Dynamic Load | Tread Width | Swivel Caster Model For Rigid change 6th and 7th digit from 09 to 08 (example D4.04108.459 SS WB29) | Fitting Options |
|----------------|-----------------|----------------------------|-----------------------------|----------------------------------|------------------------|--------------|-------------|---|--------------------|
| 4" | 5-5/8" | Swivel 3 3/8" | Performa Conductive (Flat) | Roller | PPBB | 300 | 2" | D4.04109.459 COND SS WB29 | |
| | 5-5/8" | | Performa (Flat) | Roller | Delrin, Bronze, PPBB | 400 | | D4.04109.459 SS WB29 | |
| | 5-5/8" | | Performa (Round) | Roller | Delrin, Bronze, PPBB | 400 | | D4.04109.559 SS WB29 | |
| | 5-5/8" | | Retort Hi-Temp | Roller | Delrin, Bronze, PPBB | 500 | | D4.04109.839 RW SS WB29 | |
| | 5-5/8" | | Polyolefin | Roller | Delrin, Bronze, PPBB | 500 | | D4.04109.839 SS WB29 | |
| | 5-5/8" | Total Lock 5 5/16" | Eagle Polyurethane | Roller | Delrin, Bronze, PPBB | 600 | | D4.04109.929 EG SS WB29 | |
| | 5-5/8" | | HydroTech | Roller | Delrin, Bronze, PPBB | 600 | | D4.04109.929 SS WB29 | |
| | 5-5/8" | | Polyurethane Hi-TECH | Roller | Delrin, Bronze, PPBB | 700 | | D4.04109.929G SS WB29 | |
| | 5-5/8" | | Antimicrobial Hi-TECH | Roller | Delrin, Bronze, PPBB | 700 | | D4.04109.H59 SS WB29 | |
| | 5-5/8" | | K Solid Polyurethane* | Precision Ball | Delrin, Bronze | 700 | | D4.04109.935 KW SS | |
| | 5-5/8" | Wheel Brake 4 15/16" | Phenolic - High Temp | Roller | Delrin, Bronze, PPBB | 800 | | D4.04109.339 HT SS WB29 | |
| | 5-5/8" | | Phenolic | Roller | Delrin, Bronze, PPBB | 800 | | D4.04109.339 SS WB29 | |
| | 5-5/8" | | Maxim Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 800 | | D4.04109.539 SS WB29 | |
| | 5-5/8" | | Hi-Temp Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 800 | | D4.04109.839 HTBLK SS WB29 | |
| | 5-5/8" | | Thermo Hi-Temp | Roller | Delrin, Bronze, PPBB | 800 | | D4.04109.839 HT SS WB29 | |
| | 5-5/8" | Wheel Brake 4 15/16" | White Nylon | Roller | Delrin, Bronze, PPBB | 900 | | D4.04109.539 WN SS WB29 | |
| | 5-5/8" | | HD Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1000 | | D4.04109.839 DT SS WB29 | |
| | 5-5/8" | | Endura Solid Elastomer | Roller | Delrin, Bronze, PPBB | 1000 | | D4.04109.839 EN SS WB29 | |
| | 5-5/8" | | Commander HD* | Precision Ball | SS Prec. Ball Standard | 1250 | | D4.04109.5PN SS | |
| | 5-5/8" | | Commander HD* | Precision Ball | SS Prec. Ball Standard | 1250 | | D4.04109.5PN SS | |
| 5" | 6-1/2" | Swivel 4 1/8" | Performa Conductive (Flat) | Roller | PPBB | 325 | 2" | D4.05109.459 COND SS WB29 | |
| | 6-1/2" | | Performa (Round) | Roller | Delrin, Bronze, PPBB | 425 | | D4.05109.559 SS WB29 | |
| | 6-1/2" | | Performa (Flat) | Roller | Delrin, Bronze, PPBB | 500 | | D4.05109.459 SS WB29 | |
| | 6-1/2" | | Retort Hi-Temp | Roller | Delrin, Bronze, PPBB | 650 | | D4.05109.839 RW SS WB29 | |
| | 6-1/2" | | Polyolefin | Roller | Delrin, Bronze, PPBB | 650 | | D4.05109.839 SS WB29 | |
| | 6-1/2" | Total Lock 6 3/8" | HydroTech | Roller | Delrin, Bronze, PPBB | 750 | | D4.05109.HF9 SS WB29 | |
| | 6-1/2" | | Polyurethane Hi-TECH | Roller | Delrin, Bronze, PPBB | 900 | | D4.05109.929 SS WB29 | |
| | 6-1/2" | | Antimicrobial Hi-TECH | Roller | Delrin, Bronze, PPBB | 900 | | D4.05109.929G SS WB29 | |
| | 6-1/2" | | Eagle Polyurethane | Roller | Delrin, Bronze, PPBB | 900 | | D4.05109.929 EG SS WB29 | |
| | 6-1/2" | | Phenolic - High Temp | Roller | Delrin, Bronze, PPBB | 900 | | D4.05109.339 HT SS WB29 | |
| | 6-1/2" | Wheel Brake 5 1/8" | Phenolic | Roller | Delrin, Bronze, PPBB | 1000 | | D4.05109.339 SS WB29 | |
| | 6-1/2" | | Maxim Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1000 | | D4.05109.539 SS WB29 | |
| | 6-1/2" | | White Nylon | Roller | Delrin, Bronze, PPBB | 1000 | | D4.05109.539 WN SS WB29 | |
| | 6-1/2" | | Endura Solid Elastomer | Roller | Delrin, Bronze, PPBB | 1000 | | D4.05109.839 EN SS WB29 | |
| | 6-1/2" | | Hi-Temp Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1000 | | D4.05109.839 HTBLK SS WB29 | |
| | 6-1/2" | Wheel Brake 5 1/8" | K Solid Polyurethane* | Precision Ball | Delrin, Bronze | 1200 | | D4.05109.935 KW SS | |
| | 6-1/2" | | Thermo Hi-Temp | Roller | Delrin, Bronze, PPBB | 1200 | | D4.05109.839 HT SS WB29 | |
| | 6-1/2" | | HD Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1200 | | D4.05109.839 DT SS WB29 | |
| | 6-1/2" | | Commander HD* | Precision Ball | SS Prec. Ball Standard | 1250 | | D4.05109.5PN SS | |
| | 6-1/2" | | Commander HD* | Precision Ball | SS Prec. Ball Standard | 1250 | | D4.05109.5PN SS | |
| 6" | 7-1/2" | Swivel 4 7/8" | Performa Conductive (Flat) | Roller | PPBB | 410 | 2" | D4.06109.459 COND SS WB29 | Top Plate: TP03 |
| | 7-1/2" | | Performa Conductive (Round) | Roller | PPBB | 450 | | D4.06109.559 COND SS WB29 | |
| | 7-1/2" | | Performa (Round) | Roller | Delrin, Bronze, PPBB | 600 | | D4.06109.559 SS WB29 | |
| | 7-1/2" | | Performa (Flat) | Roller | Delrin, Bronze, PPBB | 600 | | D4.06109.459 SS WB29 | |
| | 7-1/2" | | Retort Hi-Temp | Roller | Delrin, Bronze, PPBB | 700 | | D4.06109.839 RW SS WB29 | |
| | 7-1/2" | Total Lock 6 3/4" | Polyolefin | Roller | Delrin, Bronze, PPBB | 900 | | D4.06109.839 SS WB29 | |
| | 7-1/2" | | HydroTech | Roller | Delrin, Bronze, PPBB | 900 | | D4.06109.HF9 SS WB29 | |
| | 7-1/2" | | Polyurethane Hi-TECH | Roller | Delrin, Bronze, PPBB | 1100 | | D4.06109.929 SS WB29 | |
| | 7-1/2" | | Antimicrobial Hi-TECH | Roller | Delrin, Bronze, PPBB | 1100 | | D4.06109.929G SS WB29 | |
| | 7-1/2" | | Endura Solid Elastomer | Roller | Delrin, Bronze, PPBB | 1100 | | D4.06109.839 EN SS WB29 | |
| | 7-1/2" | Wheel Brake 5 3/8" | Thermo Hi-Temp | Roller | Delrin, Bronze, PPBB | 1200 | | D4.06109.839 HT SS WB29 | |
| | 7-1/2" | | Eagle Polyurethane | Roller | Delrin, Bronze, PPBB | 1200 | | D4.06109.929 EG SS WB29 | |
| | 7-1/2" | | Phenolic - High Temp | Roller | Delrin, Bronze, PPBB | 1200 | | D4.06109.339 HT SS WB29 | |
| | 7-1/2" | | Phenolic | Roller | Delrin, Bronze, PPBB | 1200 | | D4.06109.339 SS WB29 | |
| | 7-1/2" | | Maxim Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1200 | | D4.06109.539 SS WB29 | |
| | 7-1/2" | Wheel Brake 5 3/8" | White Nylon | Roller | Delrin, Bronze, PPBB | 1250 | | D4.06109.539 WN SS WB29 | |
| | 7-1/2" | | Hi-Temp Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1250 | | D4.06109.839 HTBLK SS WB29 | |
| | 7-1/2" | | HD Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1250 | | D4.06109.839 DT SS WB29 | |
| | 7-1/2" | | K Solid Polyurethane* | Precision Ball | Delrin, Bronze | 1250 | | D4.06109.935 KW SS | |
| | 7-1/2" | | Commander HD* | Precision Ball | SS Prec. Ball Standard | 1250 | | D4.06109.5PN SS | |
| 8" | 9-1/2" | Swivel 6 3/8" | Performa Conductive (Flat) | Roller | PPBB | 500 | 2" | D4.08109.459 COND SS WB29 | |
| | 9-1/2" | | Performa Conductive (Round) | Roller | PPBB | 600 | | D4.08109.559 COND SS WB29 | |
| | 9-1/2" | | Performa (Round) | Roller | Delrin, Bronze, PPBB | 675 | | D4.08109.559 SS WB29 | |
| | 9-1/2" | | Performa (Flat) | Roller | Delrin, Bronze, PPBB | 675 | | D4.08109.459 SS WB29 | |
| | 9-1/2" | | Retort Hi-Temp | Roller | Delrin, Bronze, PPBB | 900 | | D4.08109.839 RW SS WB29 | |
| | 9-1/2" | Total Lock 6 15/16" | Polyolefin | Roller | Delrin, Bronze, PPBB | 1000 | | D4.08109.839 SS WB29 | |
| | 9-1/2" | | Polyurethane Hi-TECH | Roller | Delrin, Bronze, PPBB | 1000 | | D4.08109.HF9 SS WB29 | |
| | 9-1/2" | | Polyurethane Hi-TECH | Roller | Delrin, Bronze, PPBB | 1200 | | D4.08109.929 SS WB29 | |
| | 9-1/2" | | Polyurethane Hi-TECH | Roller | Delrin, Bronze, PPBB | 1200 | | D4.08109.929G SS WB29 | |
| | 9-1/2" | | White Nylon | Roller | Delrin, Bronze, PPBB | 1200 | | D4.08109.539 WN SS WB29 | |
| | 9-1/2" | Wheel Brake 6 1/2" | Endura Solid Elastomer | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.839 EN SS WB29 | |
| | 9-1/2" | | Thermo Hi-Temp | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.839 HT SS WB29 | |
| | 9-1/2" | | Eagle Polyurethane | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.929 EG SS WB29 | |
| | 9-1/2" | | Phenolic - High Temp | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.339 HT SS WB29 | |
| | 9-1/2" | | Phenolic | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.339 SS WB29 | |
| | 9-1/2" | Wheel Brake 6 1/2" | Maxim Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.539 SS WB29 | |
| | 9-1/2" | | HD Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.839 DT SS WB29 | |
| | 9-1/2" | | Hi-Temp Nylon Glass Filled | Roller | Delrin, Bronze, PPBB | 1250 | | D4.08109.839 HTBLK SS WB29 | |
| | 9-1/2" | | K Solid Polyurethane* | Precision Ball | Delrin, Bronze | 1250 | | D4.08109.935 KW SS | |
| | 9-1/2" | | Commander HD* | Precision Ball | SS Prec. Ball Standard | 1250 | | D4.08109.5PN SS | |

STEEL & STAINLESS STEEL
Stainless Steel

CHOOSE CASTER CODE

109 (in chart) 108 (change) Add BRK4 Add BRK7 Add BRK 3

Swivel Rigid Total Lock Face Brake Cam Brake



Central Locking Introduction

MedCaster Central Locking



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SPECIALTY & CENTRAL LOCK

Primacy (PS) Central Locking



DESCRIPTION

Die-cast aluminum load-bearing housing with highly polished plastic cover.

APPLICATIONS

- Hospital Beds
- Stretchers
- Mobile Ultrasound Equipment
- OR Beds
- Radiology Tables
- Medical Chairs/ Recliners
- ICU Beds
- Care Beds

FEATURES & SPECIFICATIONS

- High quality synthetic cover over die cast aluminum frame
- Precision bearings in swivel section and sealed precision bearings in wheels.
- Conductive Option Available
- Caster meets ISO Standard 22882: 2004 Caster & Wheels - Requirements for Casters for Hospital Beds.

PRIMACY (PS) MODELS

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|--------------------|---------------|--------------|-------------|-----------------------------------|--|
| 4" | 139mm | Free Swivel | 88.5mm | 100kg | 30mm | PS04 125SW-___ | Free Swivel Models: RS03, RS05 Locking Models: CL01, CL02 |
| | | Total Lock | 88.5mm | 100kg | 30mm | PS04 125TL-___ | |
| | | Combination Lock | 88.5mm | 100kg | 30mm | PS04 125DT-___ | |
| 5" | 158mm | Free Swivel | 102.5mm | 150kg | 32mm | PS05 125SW-___ | |
| | | Total Lock | 102.5mm | 150kg | 32mm | PS05 125TL-___ | |
| | | Combination Lock | 102.5mm | 150kg | 32mm | PS05 125DT-___ | |
| 6" | 188mm | Free Swivel | 117mm | 150kg | 32mm | PS06 125SW-___ | |
| | | Total Lock | 117mm | 150kg | 32mm | PS06 125TL-___ | |
| | | Combination Lock | 117mm | 150kg | 32mm | PS06 125DT-___ | |
| 8" | 229mm | Free Swivel | 229mm | 150kg | 32mm | PS08 125SW-___ | |
| | | Total Lock | 229mm | 150kg | 32mm | PS08 125TL-___ | |
| | | Combination Lock | 229mm | 150kg | 32mm | PS08 125DT-___ | |

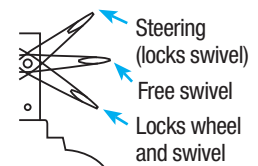
SPECIALTY & CENTRAL LOCK

CHOOSE WHEEL CODE

| TPP | PYP | CRB |
|---|---|---|
| Thermoplastic Rubber with Precision Ball Bearing | Polyurethane with Precision Ball Bearing | Conductive TPR with Precision Ball Bearing |
|  |  |  |

Free Swivel

| | |
|-------------|--|
| RS03 | 27.8mm x 45mm for tubular frame with 28mm ID |
| RS05 | 32mm x 45mm for tubular frame with 32mm ID |

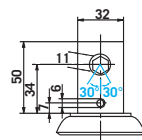


CHOOSE FITTING CODE

Central Locking Models

| | |
|-------------|--|
| CL01 | 27.8mm x 45mm for tubular frame with 28mm ID |
|-------------|--|

- Two locking hole options
- Locking hole in line or across direction of travel
- Four fixing holes
- Snap-on adapter sleeves options for different tube dimensions
- Standard cam (41°/52°)



| | |
|-------------|--|
| CL02 | 32mm x 45mm for tubular frame with 32mm ID |
|-------------|--|

- Two locking hole options available
- Locking hole in line or across direction of travel
- Four fixing holes
- Standard cam 30°

TT Central Locking (TT)



DESCRIPTION

TT central locking casters are premium nylon casters designed for hospital beds and diagnostic equipment

APPLICATIONS

- Hospital Beds
- Diagnostic Equipment
- OR Beds
- ICU Beds
- Care Beds
- Patient Transport Chairs

FEATURES & SPECIFICATIONS

- Glass fiber reinforced nylon 6 body and pedals
- Precision ball bearings at swivel head and wheel
- Non marking elastic thermoplastic polyurethane wheel treads (85A)
- Nylon swivel guards
- Cord pushers available on 125mm size

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Base Footprint | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|--|---------------|--------------|----------------|-----------------------------------|---|
| 75mm | 93mm | Swivel | 78mm | 90kg | 73mm | TT75PYPSW-_____ | Central Locking Stems: CL01, CL02 Swivel Stems: RS03, RS05 |
| | | Swivel with Total Lock | 78mm | 90kg | 73mm | TT75PYPTL-_____ | |
| | | Swivel With Direction/Total Lock Combination | 78mm | 90kg | 73mm | TT75PYPDT-_____ | |
| 100mm | 120mm | Swivel | 90mm | 100kg | 78mm | TT100PYPSW-_____ | |
| | | Swivel with Total Lock | 116mm | 100kg | 78mm | TT100PYPTL-_____ | |
| | | Swivel With Direction/Total Lock Combination | 116mm | 100kg | 78mm | TT100PYPDT-_____ | |
| 125mm | 145mm | Swivel | 112mm | 100kg | 83mm | TT125PYPSW-_____ | |
| | | Swivel with Total Lock | 143mm | 100kg | 83mm | TT125PYPTL-_____ | |
| | | Swivel With Direction/Total Lock Combination | 143mm | 100kg | 83mm | TT125PYPDT-_____ | |
| 150mm | 172mm | Swivel | 123mm | 120kg | 88mm | TT150PYPSW-_____ | |
| | | Swivel with Total Lock | 153mm | 120kg | 88mm | TT150PYPTL-_____ | |
| | | Swivel With Direction/Total Lock Combination | 153mm | 120kg | 88mm | TT150PYPDT-_____ | |

SPECIALTY & CENTRAL LOCK

CHOOSE CASTER/WHEEL COLOR CODE

GG

Silver gray core/ iron gray tread



WB

Signal white core/black tread

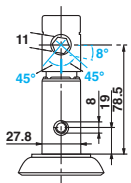


CHOOSE FITTING CODE

Central Locking Models

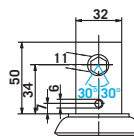
CL01 27.8mm x 45mm for tubular frame with 28mm ID

- Two locking hole options
- Locking hole in line or across direction of travel
- Four fixing holes
- Snap-on adapter sleeves options for different tube dimensions
- Standard cam (45°)



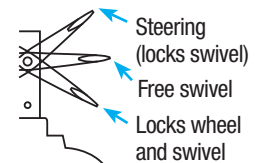
CL02 32mm x 45mm for tubular frame with 32mm ID

- Two locking hole options available
- Locking hole in line or across direction of travel
- Four fixing holes
- Standard cam 30°



Free Swivel

| | |
|-------------|--|
| RS03 | 27.8mm x 45mm for tubular frame with 28mm ID |
| RS05 | 32mm x 45mm for tubular frame with 32mm ID |



CT Central Locking (CT)



DESCRIPTION

CT central locking casters are premium ABS covered casters designed for hospital beds and diagnostic equipment

APPLICATIONS

- Hospital Beds
- Diagnostic Equipment
- OR Beds
- ICU Beds
- Care Beds
- Patient Transport Chairs

FEATURES & SPECIFICATIONS

- Dual Precision ball bearings in swivel
- Low profile mounting height
- Adjustable brake for fine tuning
- Non marking elastic thermoplastic polyurethane wheel treads (95A)
- Nylon swivel guards

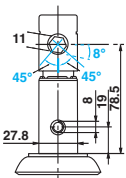
| Wheel Diameter | Mounting Height | Configuration Type | Tread Material | Swivel Radius | Dynamic Load | Base Footprint | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|------------------------|----------------|---------------|--------------|----------------|-----------------------------------|---|
| 125mm | 132mm | Swivel | TPU 95A | 101.5mm | 120kg | 78mm | CT125PYPSW-_____ | Central Locking Stems: CLO2, CLO5 Swivel Stems: RS03, RS05 |
| | | Swivel with Total Lock | TPU 95A | 101.5mm | 120kg | 78mm | CT125PYPTL-_____ | |
| | | Combination Lock | TPU 95A | 101.5mm | 120kg | 78mm | CT125PYPDT-_____ | |
| 150mm | 155mm | Swivel | TPU 95A | 120mm | 150kg | 86mm | CT150PYPSW-_____ | |
| | | Swivel with Total Lock | TPU 95A | 120mm | 150kg | 86mm | CT150PYPTL-_____ | |
| | | Combination Lock | TPU 95A | 120mm | 150kg | 86mm | CT150PYPDT-_____ | |

RAL9010 Pure White, Pantone 432U.
Other color combinations available by special order with factory MOQ.

Conductive Option: Add **COND** to end of part number.

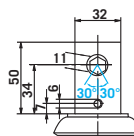
CHOOSE FITTING CODE

Central Locking Models



CLO1 27.8mm x 45mm for tubular frame with 28mm ID

- Two locking hole options
- Locking hole in line or across direction of travel
- Four fixing holes
- Snap-on adapter sleeves options for different tube dimensions
- Standard cam (45°)

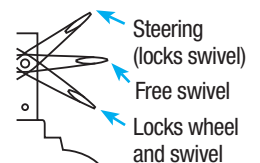


CLO2 32mm x 45mm for tubular frame with 32mm ID

- Two locking hole options available
- Locking hole in line or across direction of travel
- Four fixing holes
- Standard cam 30°

Free Swivel

| | |
|-------------|--|
| RS03 | 27.8mm x 45mm for tubular frame with 28mm ID |
| RS05 | 32mm x 45mm for tubular frame with 32mm ID |



Rhombus 390 Central Locking



DESCRIPTION

The 390 series stamped steel zinc finished caster Central Locking series for Hospital Bed and Stretcher Applications with a double ball raceway construction.

APPLICATIONS

- Care beds
- Hospital beds
- Intensive care beds
- OR beds and tables
- Stretchers
- Ultrasonic Equipment

FEATURES & SPECIFICATIONS

- Stamped and drawn horn assembly
- Zinc-plated
- Sealed double ball raceway
- Plastic seal protects from dust and water
- Central locking caster design
- Selection mechanism continually greased
- Brake adjustment feature is standard
- RoHS (consult factory for requirements on a part specific basis)

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|---|---------------|--------------|-------------|-----------------------------------|---|
| 80mm | 113mm | Swivel with Total Lock | 83mm | 100kg | 32mm | 390Q 80TL _____ | Central Locking Stems: Z2351, Z985 |
| | | Swivel with Total Lock & Direction Lock | 83mm | 100kg | 32mm | 390R 80DT _____ | |
| 100mm | 133mm | Swivel with Total Lock | 90mm | 100kg | 32mm | 390Q 100TL _____ | |
| | | Swivel with Total Lock & Direction Lock | 90mm | 100kg | 32mm | 390R 100DT _____ | |
| 125mm | 158mm | Swivel with Total Lock | 108mm | 100kg | 32mm | 390Q 125TL _____ | |
| | | Swivel with Total Lock & Direction Lock | 108mm | 100kg | 32mm | 390R 125DT _____ | |
| 150mm | 184mm | Swivel with Total Lock | 127mm | 100kg | 32mm | 390Q 150TL _____ | |
| | | Swivel with Total Lock & Direction Lock | 127mm | 100kg | 32mm | 390R 150DT _____ | |
| 200mm | 235mm | Swivel with Total Lock | 159mm | 100kg | 32mm | 390Q 200TL _____ | |
| | | Swivel with Total Lock & Direction Lock | 159mm | 100kg | 32mm | 390R 200DT _____ | |

SPECIALTY & CENTRAL LOCK

CHOOSE WHEEL CODE

35K

TPR with plastic thread guard

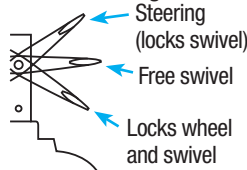


32C

TPR with metal thread guard



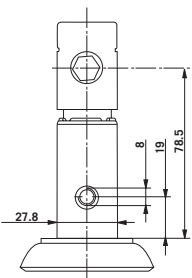
Central Locking Controls



TREAD MATERIAL

- P** Precision Bearings
- S** Swivel
- D** Delrin Bearing Bottom
- R** RoHS
- C** Covered Bottom

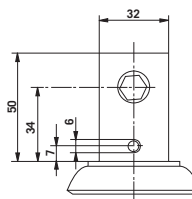
CHOOSE FITTING CODE



Z2351

27.8mm x 45mm for tubular frame with 28mm ID

- Two locking hole options
- Locking hole in line or across direction of travel
- Four fixing holes
- Snap-on adapter sleeves options for different tube dimensions



Z985

32mm x 45mm for tubular frame with 32mm ID

- Two locking hole options available
- Locking hole in line or across direction of travel
- Four fixing holes



DESCRIPTION

The 391 series stamped steel zinc finished caster Central Locking series for Hospital Bed and Stretcher Applications with a precision ball raceway construction.

APPLICATIONS





- Care beds
- Hospital beds
- Intensive care beds
- OR beds and tables
- Stretchers
- Ultrasonic Equipment

FEATURES & SPECIFICATIONS

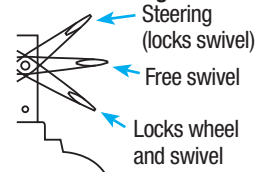
- Precision bearings in raceway
- Precision bearings in 35K wheel; flange bearing in 32C wheel
- Caster meets ISO Standard 22882: 2004 Caster & Wheels - Requirements for Casters for Hospital Beds
- RoHS (consult factory for requirements on a part specific basis)
- Central-locking brake design has: Very Positive swivel lock - operates independently of the wheel brake, reducing wear and tendency to ratchet
- Wheel brake can be applied dynamically without damage to mechanism
- Factory-set mechanism, maintenance-free for the life of the caster

| Wheel Diameter | Mounting Height | Configuration Type | Swivel Radius | Dynamic Load | Tread Width | Add Wheel Code and Fastening Code | Fitting Options |
|----------------|-----------------|---|---------------|--------------|-------------|-----------------------------------|--|
| 100mm | 139mm | Swivel with Total Lock | 92mm | 100kg | 32mm | 391100 <u>TL</u> | Fitting Codes: RS03, RS05, RZ2351, RZ4351, RZ885, RZ985 |
| | | Swivel with Total Lock & Direction Lock | 92mm | 100kg | 32mm | 391100 <u>DT</u> | |
| 125mm | 164mm | Swivel with Total Lock | 107mm | 100kg | 32mm | 391125 <u>TL</u> | |
| | | Swivel with Total Lock & Direction Lock | 107mm | 100kg | 32mm | 391125 <u>DT</u> | |
| 150mm | 191mm | Swivel with Total Lock | 126mm | 120kg | 32mm | 391150 <u>TL</u> | |
| | | Swivel with Total Lock & Direction Lock | 126mm | 120kg | 32mm | 391150 <u>DT</u> | |
| 200mm | 253mm | Swivel with Total Lock | 161mm | 120kg | 32mm | 391200 <u>TL</u> | |
| | | Swivel with Total Lock & Direction Lock | 161mm | 120kg | 32mm | 391200 <u>DT</u> | |

CHOOSE WHEEL CODE

| 35K | 35A | 32C | 32A |
|---|---|---|---|
| TPR with precision bearing and plastic thread guard | TPR with precision bearing and plastic thread guard | TPR with metal thread guard and flange bearing | TPR with metal thread guard and flange bearing |
|  |  |  |  |

Central Locking Controls

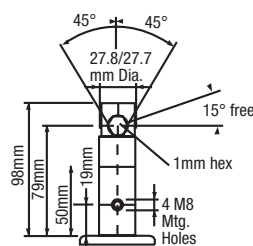


CHOOSE FITTING CODE

Free Swivel

| | |
|-------------|--|
| RS03 | 27.8mm x 45mm for tubular frame with 28mm ID |
| RS05 | 32mm x 45mm for tubular frame with 32mm ID |

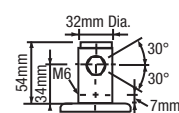
Central Locking



| | |
|---------------|-------------------------|
| RZ2351 | 27.8mm x 98mm • 45° cam |
| RZ4351 | 27.8mm x 98mm • 30° cam |

- Two locking hole options
- Locking hole in line or across direction of travel
- Four fixing holes
- Snap-on adapter sleeves options for different tube dimensions

| | |
|--------------|-----------------------|
| RZ885 | 32mm x 54mm • 45° cam |
| RZ985 | 32mm x 54mm • 30° cam |



- Two locking hole options available
- Locking hole in line or across direction of travel
- Four fixing holes

Central Locking Accessories



| Part Number | Material | Description |
|-------------|----------|--|
| 906105 | Nylon | Double Pedal -KDH-9010/7037-45o |
| 906394 | Nylon | Double Pedal -KDH-9010/7037-30o |
| 906274 | Nylon | Double Pedal -KDH-9010-45 GR/RD Plugs -45o |
| 906730 | Nylon | KDH-7011-45 GR/RD PLUGS -45o (Gray Pedal) |



| Part Number | Material | Description |
|-------------|----------|--------------------|
| 908041 | Nylon | KEHL-7037/7016-45o |
| 908042 | Nylon | KEHL-9010/7016-30o |
| 908043 | Nylon | KEHL-9010/7016-45o |
| 908044 | Nylon | KEHR-7037/7016-45o |
| 908045 | Nylon | KEHR-9010/7016-30o |
| 908046 | Nylon | KEHR-9010/7016-45o |



| Part Number | Material | Description |
|-------------|----------------|-------------------------------------|
| 09267 | Die Cast Steel | Left Chrome Double Pedal 9.511.074 |
| 09268 | Die Cast Steel | Right Chrome Double Pedal 9.511.073 |

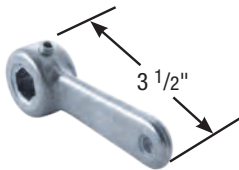


| Part Number | Material | Description |
|-------------|----------------|-------------------------------------|
| 04579 | Die Cast Steel | Left Chrome Single Pedal 1.850.298 |
| 04580 | Die Cast Steel | Right Chrome Single Pedal 1.850.297 |

PD-230-L



| Part Number | Material | Description |
|-------------|----------------|--------------------|
| PD-230-L | Machined Steel | Double Pedal Left |
| PD-230-R | Machined Steel | Double Pedal Right |



| Part Number | Material | Description |
|-------------|----------------|---|
| 09330 | Die Cast Steel | "Transmission Lever Long 1.850.246 65mm Change Lever with Set Screw" |



| Part Number | Material | Description |
|-------------|----------------|---|
| 09322 | Die Cast Steel | 28mm Change Lever with Set Screw Transmission Lever Short 1.850.5137 |










| Part Number | Material | Description |
|-------------|----------------|----------------------------------|
| CV-28 | Machined Steel | 28mm Change Lever with Set Screw |
| CV-65 | Machined Steel | 65mm Change Lever with Set Screw |

SPECIALTY & CENTRAL LOCK

Accessories



Corner Bumpers

Shape/Type + Material + Size Inside dimension + Durometer+Color

| | Brand | Part Description | Part Number | Product Details | Additional Information |
|---|--------|------------------------------|-------------|--|-------------------------------------|
|  | Colson | CB-PVC-2.6X2.6-85A-GY | 4718-00 | Corner Bumper B-8 - Gray 3.5x3.5x1.0" outside Vinyl 80-85A | Inside corner dimensions 2.62x2.62" |
|  | Colson | CB-PVC-3X3-85A-GY | CB-10 | Corner Bumper CB-10 - Gray 4.4x4.4x1.06" rounded outside corner Vinyl 85-95A | Inside corner dimensions 3.06x3.06" |
|  | Colson | CB-PVC-3X3-85A-BK | CB-10B | Corner Bumper CB-10 - Black 4.4x4.4x1.06" rounded outside corner Vinyl 85-95A | Inside corner dimensions 3.06x3.06" |
|  | Colson | CB-PVC-3.2X3.2-85A-GY | CB-12 | Corner Bumper CB-12 - Gray 4.04x4.04x1.0" radius outside corner Vinyl 85-95A | Inside corner dimensions 3.19x3.19" |
|  | Colson | CB-PVC-3.2X3.2-85A-BK | CB-12B | Corner Bumperr CB-12 - Black 4.04x4.04x1.0" radius outside corner Vinyl 85-95A | Inside corner dimensions 3.19x3.19" |
|  | Colson | CB-PVC-3.2X3.2-85A-BR | CB-12BRNTPR | Corner Bumper CB-12 - Brown 4.04x4.04x1.0" radius outside corner Vinyl 85-95A | Inside corner dimensions 3.19x3.19" |
|  | Colson | CB-TPR-3.2X3.2-70A-GY | 06927 | Corner Bumper 3 X 3 Rounded Corner TPR 70A | Inside corner dimensions 3.0x3.0" |


End Bumpers

Shape/Type + Material + Diameter + Durometer + Color

| | Brand | Part Description | Part Number | Product Details |
|---|--------|---------------------------|-------------|--|
|  | Colson | EB-PVC-3.25-85A-GY | 4714-00 | End Bumper Donut B-1 Gray 3.25" diameter .344 HOLE .97" Tall Vinyl 80-85A |
|  | Colson | EB-PVC-3.25-85A-BK | 4714-01 | End Bumper Donut B-1 Black 3.25" diameter .344 HOLE .97" Tall Vinyl 80-85A |
| | Colson | EB-TPR-3.25-70A-GY | 06901 | End Bumper 3.25 O.D. Gray TPR .34" hole .88" Tall 70A |
| | Colson | EB-TPR-3.25-70A-BK | 03050.43 | End Bumper 3.25 OD Black Performa .34" hole .88" Tall 70A |
| | Colson | EB-TPR-1.75-70A-GY | 06901.01 | End Bumper 1.75 O.D. Gray TPR .25" Hole .5" Tall 70A |



Rolling Bumpers

Shape/Type + Material + Diameter + ID + Durometer + Color

| | Brand | Part Description | Part Number | Product Details |
|---|--------|-----------------------------|-------------|------------------------------------|
|  | Colson | RB-PVC-5-.375-85A-GY | RB-5.06 | 5 in Rolling Bumper 3/8" ID insert |
| | Colson | RB-PVC-5-.50-85A-GY | RB-5.08 | 5 in Rolling Bumper 1/2" ID insert |
| | Colson | RB-PVC-5-.63-85A-GY | RB-5.10 | 5 in Rolling Bumper 5/8" ID insert |

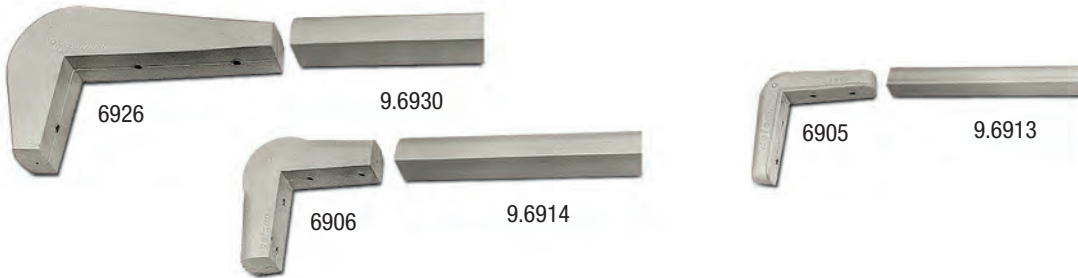
Tubing Bumpers

Shape/Type + Material + Diameter + ID + Durometer + Color

| | Brand | Part Description | Part Number | Product Details |
|---|--------|------------------------------|-------------|---|
|  | Colson | TB-PVC-3.5x1R-85A-GY | TB3.5R | Tubing Bumper Round 3.5" diameter with 1" ID round hole |
|  | Colson | TB-PVC-3.5x1SQ-85A-GY | TB3.5S | Tubing Bumper Square 3.5" diameter with 1" ID square hole |

Accessories

Corner and Strip Bumpers



Shape/Type+ Material + Dimensions+ Durometer+Color + Specify Length(if required)

| Brand | Part Description | Part Number | Product Details |
|--------|------------------------------------|-------------|--|
| Colson | CCB-PVC-6x3x1.5-85A-GY | 06926 | Corner Bumper 6 X 3 with pre drilled insert |
| Colson | SB-PVC-1.5-85A-GY-NI | 66930 | Bumper 1.50PVC Strip for 06926 without insert - 50 Feet |
| Colson | CCB-PVC-2.6x2.6x1.13-85A-GY | 06906 | Bumper-A Corner 2.6X2.6 with insert |
| Colson | SB-PVC-1.13-85A-GY-NI | 66914 | Bumper 1.13PVC Strip for 06906 without insert - 50 Feet |
| Colson | CCB-PVC-2.5x2.5x.75-85A-GY | 06905 | Bumper-A Corner 2.5X2.5 with insert |
| Colson | SB-PVC-.75-85A-GY-NI | 66913 | Bumper 0.75 PVC Strip for 06905 without insert - 50 Feet |

Sockets

| Part Number Description Codes | | | |
|-------------------------------|-------------|----------------------------|----------|
| Material | Shape | Fitting Type Compatibility | Tube ID |
| RT= Glass Filled Nylon | RD = Round | GN = Grip Neck Stem | (number) |
| PE= Polyethylene | SW = Square | GR = Grip Ring Stem | |

Round Tube Sockets



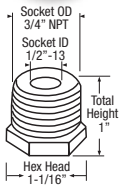
| Brand | Part Number | Part Description | Material | Tubing Gauge | Socket OD | Tube ID (Dia) | Compatible Grip Ring Fastening | Base Dimension | |
|----------|---------------|------------------|---|---|-----------|---------------|--|-----------------|----------------|
| Shepherd | 003027 | PERDGN-433 | Polyethylene | 9/16" 16 Gauge | 0.45 | 0.433 | 223, 211, 291, 273, GR01, GR02, GR10, GRS1, GRS2 | 0.94" diameter | |
| Shepherd | 002460 | PERDGR-870 | Polyethylene | 1" - 16 Gauge | 0.894 | 0.870 | | 1.25" diameter | |
| Shepherd | 002473 | PERDGR-902 | Polyethylene | 1" - 18 Gauge | 0.924 | 0.902 | | 1.25" diameter | |
| Shepherd | 43441 | PERDGR-767 | Polyethylene | Hole Required 0.767 - 0.855" | 0.807 | 0.767 | | 1.19" diameter | |
| Shepherd | 43446 | PERDGR-872 | Polyethylene | 1-1/16" - 13 Gauge | 0.894 | 0.872 | | 1.25" diameter | |
| Shepherd | 43447 | PERDGR-846 | Polyethylene | Hole Required 0.846 - 0.855" | 0.868 | 0.846 | | 1.25" diameter | |
| Shepherd | 43400 | RTRDGR-777 | Glass Filled Nylon | 7/8" - 18 Gauge | 0.782 | 0.777 | | 0.88" diameter | |
| Shepherd | 43401 | RTRDGR-872 | Glass Filled Nylon | 1-1/16" - 13 Gauge | 0.877 | 0.872 | | 1.06" diameter | |
| Shepherd | 43486 | PERDGR-904 | Polyethylene | 1" - 18 Gauge | 0.928 | 0.904 | | 1.25" diameter | |
| Shepherd | 43403 | RTRDGR-902 | Glass Filled Nylon | 1" - 18 Gauge | 0.907 | 0.902 | | 1.0" diameter | |
| Shepherd | 43404 | RTRDGR-1072 | Glass Filled Nylon | Hole Required 1.072" | 1.077 | 1.072 | | 1.25" diameter | |
| Shepherd | 43405 | RTRDGR-1120 | Glass Filled Nylon | 1-1/4" - 16 Gauge | 1.125 | 1.12 | | 1.25" diameter | |
| Shepherd | 43515 | RTRDGR-1131 | Glass Filled Nylon | Hole Required 1.310" | 1.315 | 1.1310 | | 1.5" diameter | |
| Shepherd | 43520 | RTRDGR-1490 | Glass Filled Nylon | Hole Required 1.49" | 1.50 | 1.49 | | 1.63" diameter | |
| Shepherd | 43481 | PERDGR-584 | Polyethylene | Hole Required 0.584 | 0.586 | 0.584 | | 0.84" diameter | |
| Shepherd | 38393 | STRDGR-600 | Steel | 0.687 - 17 Gauge | 0.595 | 0.6 | | 0.94" diameter | |
| Shepherd | 618659 | STRDGR-590 | Steel -Welded | Hole Required 0.59 x 1.5" | 0.577 | 0.59 | | 0.996" diameter | |
| Shepherd | 002255 | STRDGR-560x1150 | Steel - for Wood (0.25" screws to attach) | Hole Required 9/16 x 1.5" w/ 4 mounting holes 1/4" mounting screw | | | | 2.13" diameter | |
| Shepherd | 38372 | STRDGN-380x1630 | Steel - for Wood press to attach | Hole Required 3/8 x 1-5/8 | NA | NA | | 302 | 0.75" diameter |

Square Tube Sockets



| Brand | Part Number | Part Description | Material | Tubing Gauge | Socket OD | Tube ID (Dia) | Compatible Grip Ring Fastening | Base Dimension |
|----------|--------------|------------------|--------------------|-------------------|-----------|---------------|--|----------------|
| Shepherd | 42254 | SQRTGR-902A | Glass Filled Nylon | 1" - 18 Gauge | 0.916 | 0.902 | 223, 211, 291, 273, GR01, GR02, GR10, GRS1, GRS2 | 1.03" x 1.03" |
| Shepherd | 43530 | SQRTGR-657 | Glass Filled Nylon | .75" - 18 Gauge | 0.662 | 0.657 | | .75" x .75" |
| Shepherd | 43531 | SQRTGR-620 | Glass Filled Nylon | .75" - 16 Gauge | 0.620 | 0.62 | | .75" x .75" |
| Shepherd | 43484 | SQPEGR-870 | Polyethylene | 1" - 16 Gauge | 0.917 | 0.87 | | 1.13" x 1.13" |
| Shepherd | 43507 | SQRTGR-880 | Glass Filled Nylon | 1.03" - .080 wall | 0.892 | 0.88 | | 1.0" x 1.0" |
| Shepherd | 43491 | SQRTGR-902B | Glass Filled Nylon | 1" - 18 Gauge | 0.900 | 0.902 | | 1.13" x 1.13" |
| Shepherd | 43521 | SQRTGR-1152A | Glass Filled Nylon | 1.25" - 18 Gauge | 1.157 | 1.152 | | 1.28" x 1.28" |
| Shepherd | 43522 | SQRTGR-1152B | Glass Filled Nylon | 1.25" - 18 Gauge | 1.157 | 1.152 | | 1.53" x 1.53" |
| Shepherd | 43518 | SQRTGR-1140 | Glass Filled Nylon | 1.5" - 7 Gauge | 1.145 | 1.14 | | 1.53" x 1.53" |
| Shepherd | 43519 | SQRTGR-1402 | Glass Filled Nylon | 1.5" - 18 Gauge | 1.407 | 1.402 | | 1.53" x 1.53" |

Pipe Thread Socket



| Brand | Part Number | Note: | Material | Hex Head | Socket OD | Socket ID | Total Height |
|----------|--------------|--|----------|----------|-----------|-----------|--------------|
| Shepherd | 10003 | Works with any 741, 748, TS01, TS02, TS03 Stem | Steel | 1-1/16" | 3/4" NPT | 1/2"-13 | 1" |

Metal Tee Nut



| Brand | Part Number | Socket Number | Material | Hole Required | Compatible Grip Ring Fastening |
|----------|---------------|---------------|----------|---------------|--------------------------------|
| Shepherd | 002348 | Nut SBW33 | Steel | 3/8" | 525,532, 545, 507 |

Corner Bracket



003313-20

003312-20

| Brand | Part Number | Description | Material | Hole diameter x Height | Compatible Grip Ring Fastening |
|----------|------------------|------------------------------|------------------|------------------------|--|
| Shepherd | 003313-20 | 90° w/ 11/32" holes and tabs | Steel - unplated | 0.34 x 1.5" | 223, 211, 291, 273, GR01, GR02, GR10, GRS1, GRS2 |
| Shepherd | 003312-20 | 180°w/ 11/32" holes and tabs | Steel - unplated | 0.34 x1.5" | |

Accessories

Round and Square Nylon Expander kits

Round Tube



| MedCaster | Rhombus Expander | Dimensions | Type | Kit PN by Quantity (20pc and 50pc are Bulk Pack) Without Bolt | | | Kit Description | Bill of Materials Components | | | | |
|-------------|------------------|---------------------------|------------|---|----------|----------|-------------------------|------------------------------|----------|-------------|--------|-------|
| | | | | 1pc kit | 20pc kit | 50pc kit | | Expander | Top Cone | Bottom Cone | Washer | Nut |
| XRN1 | R66 | .70-.78" 17.8-19.7mm | Round Tube | 907170 | 907182 | 907194 | R66 - XRN1 Without Bolt | 09386 | 09327 | 09326 | 617099 | NA |
| XRN2 | R67 | .78-.85" 19.8-21.7mm | Round Tube | 907171 | 907183 | 907195 | R67 - XRN2 Without Bolt | 09387 | 09327 | 09326 | 617099 | NA |
| XRN3 | R68 | .86-.97" 21.8-24.7mm | Round Tube | 907172 | 907184 | 907196 | R68 - XRN3 Without Bolt | 09388 | 09328 | 09323 | 617099 | 09474 |
| XRN4 | R69 | .97-1.13" 24.8-28.7mm | Round Tube | 907173 | 907185 | 907197 | R69 - XRN4 Without Bolt | 09390 | 09315 | 09324 | 617099 | 09474 |
| XRN5 | R70 | 1.14-1.29" 28.8-32.7mm | Round Tube | 907174 | 907186 | 907198 | R70 - XRN5 Without Bolt | 09392 | 09316 | 09325 | 617099 | 09474 |

Requires M12 bolt for installation.

Square Tube



| MedCaster | Rhombus Expander | Dimensions | Type | Kit PN by Quantity (20pc and 50pc are Bulk Pack) Without Bolt | | | Kit Description | Bill of Materials Components | | | | |
|-------------|------------------|-------------------------------|-------------|---|----------|----------|-------------------------|------------------------------|----------|-------------|--------|----------------------|
| | | | | 1pc kit | 20pc kit | 50pc kit | | Expander | Top Cone | Bottom Cone | Washer | Nut |
| XSN1 | R71 | .75-.81" 19.04-20.62mm | Square Tube | 907175 | 907187 | 907199 | R71 - XSN1 Without Bolt | 09387 | 09327 | 09326 | 617099 | integrated into cone |
| XSN2 | R72 | .88-.94" 22.21-23.79mm | Square Tube | 907176 | 907188 | 907200 | R72 - XSN2 Without Bolt | 09389 | 09327 | 09326 | 617099 | integrated into cone |
| XSN3 | R73 | 1.0 - 1.06" 25.4-26.99mm | Square Tube | 907177 | 907189 | 907201 | R73 - XSN3 Without Bolt | 09389 | 09328 | 09323 | 617099 | 09474 |
| XSN5 | R75 | 1.25 - 1.31" 31.75-33.27mm | Square Tube | 907178 | 907190 | 907202 | R75 - XSN5 Without Bolt | 09391 | 09315 | 09324 | 617099 | 09474 |
| XSN6 | R76 | 1.38 - 1.44" 35.05-36.57mm | Square Tube | 907179 | 907191 | 907203 | R76 - XSN6 Without Bolt | 09391 | 09316 | 09325 | 617099 | 09474 |
| XSN7 | R77 | 1.5 - 1.56" 38.1-39.62mm | Square Tube | 907180 | 907192 | 907204 | R77 - XSN7 Without Bolt | 09393 | 09316 | 09325 | 617099 | 09474 |
| XSN9 | R79 | 1.63 - 1.69" 41.4-42.93mm | Square Tube | 907181 | 907193 | 907205 | R79 - XSN9 Without Bolt | 09394 | 09316 | 09325 | 617099 | 09474 |

Requires M12 bolt for installation.

Round Rubber Expanding Adapters for Round and Square Tubes

Round Tube



| MedCaster | Colson Expander | Dimensions | Kit Part Number | Bill of Materials Components | | | |
|-------------|-----------------|------------------------------|------------------------|------------------------------|-------------|----------|----------|
| | | | | Expander | Bottom Cone | Washer | Nut |
| XRR1 | MTG40 | .75-.81" (19.04-20.62mm) | 05502.40 + 1/2-13 Bolt | 57410.50 | 57410.29 | 57410.18 | 57410.01 |
| XRR2 | MTG41 | .88-.94" (22.21-23.79mm) | 05502.41 + 1/2-13 Bolt | 57410.51 | 57410.30 | 57410.18 | 57410.02 |
| XRR3 | MTG42 | 1.0 - 1.06" (25.4-26.99mm) | 05502.42 + 1/2-13 Bolt | 57410.52 | 57410.31 | 57410.18 | 57410.03 |
| XRR4 | MTG43 | 1.13 - 1.19" (28.7-30.23mm) | 05502.43 + 1/2-13 Bolt | 57410.53 | 57410.32 | 57430.00 | 57410.04 |
| XRR5 | MTG44 | 1.25 - 1.31" (31.75-33.27mm) | 05502.44 + 1/2-13 Bolt | 57410.54 | 57410.33 | 57410.19 | 57410.05 |
| XRR6 | MTG45 | 1.38 - 1.44" (35.05-36.57mm) | 05502.45 + 1/2-13 Bolt | 57410.55 | 57410.34 | 57410.20 | 57410.06 |
| XRR7 | MTG46 | 1.5 - 1.56" (38.1-39.62mm) | 05502.46 + 1/2-13 Bolt | 57410.56 | 57410.35 | 57410.38 | 57410.07 |
| XRR8 | MTG47 | 1.63 - 1.69" (41.4-42.93mm) | 05502.47 + 1/2-13 Bolt | 57410.57 | 57410.36 | 57410.38 | 57410.37 |

Square Tube



| MedCaster | Colson Expander | Dimensions | Kit Part Number | Bill of Materials Components | | | |
|-------------|-----------------|------------------------------|------------------------|------------------------------|-------------|----------|----------|
| | | | | Expander | Bottom Cone | Washer | Nut |
| XSR2 | MTG51 | .88-.94" (22.21-23.79mm) | 05502.51 + 1/2-13 Bolt | 57410.51 | 57410.30 | 57410.19 | 57410.02 |
| XSR3 | MTG52 | 1.0 - 1.06" (25.4-26.99mm) | 05502.52 + 1/2-13 Bolt | 57410.52 | 57410.31 | 57410.20 | 57410.03 |
| XSR4 | MTG53 | 1.13 - 1.19" (28.7-30.23mm) | 05502.53 + 1/2-13 Bolt | 57410.53 | 57410.32 | 57410.38 | 57410.04 |
| XSR5 | MTG54 | 1.25 - 1.31" (31.75-33.27mm) | 05502.54 + 1/2-13 Bolt | 57410.54 | 57410.33 | 57434 | 57410.05 |
| XSR6 | MTG55 | 1.38 - 1.44" (35.05-36.57mm) | 05502.55 + 1/2-13 Bolt | 57410.55 | 57410.34 | 57434 | 57410.06 |

Unit Conversions

Inches/Millimeter Conversion

| Inches (Fraction) | Inches (Decimal) | Millimeters |
|-------------------|------------------|-------------|
| 1/64 | 0.02 | 0.40 |
| 1/32 | 0.03 | 0.79 |
| 3/64 | 0.05 | 1.19 |
| 1/16 | 0.06 | 1.59 |
| 5/64 | 0.08 | 1.98 |
| 3/32 | 0.09 | 2.38 |
| 7/64 | 0.11 | 2.78 |
| 1/8 | 0.13 | 3.17 |
| 9/64 | 0.14 | 3.57 |
| 5/32 | 0.16 | 3.97 |
| 11/64 | 0.17 | 4.36 |
| 3/16 | 0.19 | 4.76 |
| 13/64 | 0.20 | 5.16 |
| 7/32 | 0.22 | 5.55 |
| 15/64 | 0.23 | 5.95 |
| 1/4 | 0.25 | 6.35 |
| 17/64 | 0.27 | 6.74 |
| 9/32 | 0.28 | 7.14 |
| 19/64 | 0.30 | 7.53 |
| 5/16 | 0.31 | 7.93 |
| 21/64 | 0.33 | 8.33 |
| 11/32 | 0.34 | 8.72 |
| 23/64 | 0.36 | 9.12 |
| 3/8 | 0.38 | 9.52 |
| 25/64 | 0.39 | 9.91 |
| 13/32 | 0.41 | 10.31 |
| 27/64 | 0.42 | 10.71 |
| 7/16 | 0.44 | 11.10 |
| 29/64 | 0.45 | 11.50 |
| 15/32 | 0.47 | 11.90 |
| 31/64 | 0.48 | 12.29 |

| Inches (Fraction) | Inches (Decimal) | Millimeters |
|-------------------|------------------|-------------|
| 1/2 | 0.50 | 12.69 |
| 33/64 | 0.52 | 13.09 |
| 17/32 | 0.53 | 13.48 |
| 35/64 | 0.55 | 13.88 |
| 9/16 | 0.56 | 14.28 |
| 37/64 | 0.58 | 14.67 |
| 19/32 | 0.59 | 15.07 |
| 39/64 | 0.61 | 15.47 |
| 5/8 | 0.63 | 15.86 |
| 41/64 | 0.64 | 16.26 |
| 21/32 | 0.66 | 16.66 |
| 43/64 | 0.67 | 17.05 |
| 11/16 | 0.69 | 17.45 |
| 45/64 | 0.70 | 17.85 |
| 23/32 | 0.72 | 18.24 |
| 47/64 | 0.73 | 18.64 |
| 3/4 | 0.75 | 19.04 |
| 49/64 | 0.77 | 19.43 |
| 25/32 | 0.78 | 19.83 |
| 51/64 | 0.80 | 20.23 |
| 13/16 | 0.81 | 20.62 |
| 53/64 | 0.83 | 21.02 |
| 27/32 | 0.84 | 21.41 |
| 55/64 | 0.86 | 21.81 |

| Inches (Fraction) | Inches (Decimal) | Millimeters |
|-------------------|------------------|-------------|
| 7/8 | 0.88 | 22.21 |
| 57/64 | 0.89 | 22.60 |
| 29/32 | 0.91 | 23.00 |
| 59/64 | 0.92 | 23.40 |
| 15/16 | 0.94 | 23.79 |
| 61/64 | 0.95 | 24.19 |
| 31/32 | 0.97 | 24.59 |
| 63/64 | 0.98 | 24.98 |
| 1 | 1.00 | 25.38 |
| 2 | 2.00 | 50.76 |
| 3 | 3.00 | 76.14 |
| 4 | 4.00 | 101.52 |
| 5 | 5.00 | 126.90 |
| 6 | 6.00 | 152.28 |
| 7 | 7.00 | 177.66 |
| 8 | 8.00 | 203.05 |
| 12 | 12.00 | 304.57 |

- Convert Inches to Millimeters: Divide by .0394 (note: this is how above chart was calculated and rounded to hundredths)
- Convert Millimeters to Inches: Multiply by .0394.
- Convert Kilograms to Pounds: Multiply by 2.2046.
- Convert Pounds to Kilograms: Divide by 2.2046.



MedCaster[™]

203 Kerth Street
St. Joseph, MI 49085
Phone: 800-253-0868
www.medcaster.com

All specifications and dimensions are accurate for present manufacture but subject to change without notice.

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— A BRAND OF —
colson
GROUP USA

THE GLOBAL LEADER
IN CASTERS AND WHEELS.

PEMCO®

A-LINE™

1-1/4" Wide Casters, Wheels and Accessories; Up to 350 lbs. Capacity

Pages 2-5



E-LINE

2" Wide Casters, Wheels and Accessories

Pages 6-10



E-LINE Stainless Steel

The Ultimate Value in Stainless Steel Casters, Wheels & Accessories

Pages 11-14



Shopping Cart Casters & Wheels

Pages 15-17



Accessories

Pages 18-21





Consult factory for RoHS and NSF requirements on a part specific basis.

A-line is a competitive, core lineup of 1-1/4" wide casters designed and mass-produced for a wide range of applications. ANSI-ICWM:2018 tested to provide working load capacities up to 350 lbs. per caster, A-line is an economical and in-stock 1-1/4" wide offering you can depend on. A-line is available in a variety of size, wheel, fastening, and brake options and features our one-year standard warranty.



FEATURES

- The industry's most popular 1-1/4" wide caster sizes, wheels, fastenings, brakes, and accessories
- Thick, high-strength steel construction
- Dual ball bearing raceway design
- Raceway dust cap standard on all swivel models for increased caster life and performance
- Dynamic load capacities up to 350 lbs. per caster
- Durable zinc finish
- 3/8" diameter nut and bolt axle
- Full thread guards and precision ball bearings on TPR and TPU wheels provide smooth and quiet performance and help prevent debris from entangling wheel
- Many Polyolefin (POD) wheel models are NSF listed (consult factory)

APPLICATIONS

- Carts
- Material Handling Equipment
- Store Fixtures
- Institutional Equipment
- Office Equipment
- Storage Equipment/Cabinets
- Hospitality Carts
- Food Service

Brake Options



Side Brake

Utilizes a lower sitting brake lever (on/off) that engages and disengages a brake arm that securely locks on the face of the wheel when engaged. See below total lock to also lock the swivel section of the caster.



Total Lock

Integrated brake pedal simultaneously locks both wheel and swivel section of caster when engaged. Simply push the "OFF" portion of the brake pedal to resume full mobility of wheel and swivel.

Wheel & Bearing Options

TPR



Thermo-Rubber (TPR)

Thermo-Rubber (TPR) wheels provide excellent floor protection, are resistant to most chemical/oils, and help reduce vibration by absorbing shock. Standard precision ball bearings provide easy and quiet rolling. Full thread guards prevent debris from entangling the axles.

Durometer: 75A (±5)
Temp Range: -40°F to +180°F

TPU



Thermo-Urethane (TPU)

Thermo-Urethane (TPU) wheels are the most ergonomic and easiest to roll, provide excellent floor protection, and are highly resistant to chemicals/oils. Standard precision ball bearings provide easy and quiet rolling. Full thread guards prevent debris from entangling the axles.

Durometer: 90A (±5)
Temp Range: -40°F to +180°F

POD



Polyolefin (POD)

Polyolefin (POD) wheels are the most economical wheel. Wheels come with DuPont engineered Delrin bearings which are extremely durable under a wide range of temperature and humidity conditions. They are also corrosion resistant and lightweight.

Durometer: 70D (±5)
Temp Range: -40°F to +180°F

Wheel Bearings



Precision Ball

Centered Precision Ball Bearing standard on Thermo-Rubber (TPR) and Thermo-Urethane (TPU) wheels



Delrin®

Comes standard on Polyolefin (POD) wheels

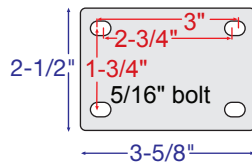


Plate Caster Models and Specifications

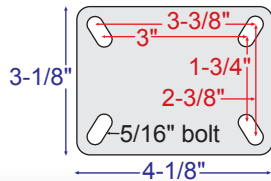
To Order, Insert Applicable Plate Code (shown below) Into Part#. Example: AS30**P1**TPR

| Wheel Diameter | Tread Width | Wheel Tread Type | Load Capacity (lbs) | Mounting Height | Swivel Radius | Standard Bearing | Thread Guard Type | Swivel Caster Part # | Rigid Caster Part # | Side Brake (SB) Part # | Total Lock Brake (TL) Part # |
|----------------|-------------|-----------------------|---------------------|-----------------|-------------------------------------|------------------|-------------------|----------------------|---------------------|------------------------|------------------------------|
| 3" | 1 1/4" | Thermo-Rubber (TPR) | 210 | 4 1/4" | 2 15/16" See below for brake models | Precision Ball | Full | AS30__TPR | AR30__TPR | AS30__TPRSB | AS30 P1 TPRTL |
| | | Thermo-Urethane (TPU) | 250 | | | Precision Ball | Full | AS30__TPU | AR30__TPU | AS30__TPUSB | AS30 P1 TPUTL |
| | | Polyolefin (POD) | 270 | | | Delrin | None | AS30__POD | AR30__POD | AS30__PODSB | AS30 P1 PODTL |
| 3 1/2" | 1 1/4" | Thermo-Rubber (TPR) | 250 | 4 3/4" | 3 1/8" See below for brake models | Precision Ball | Full | AS35__TPR | AR35__TPR | AS35__TPRSB | AS35 P1 TPRTL |
| | | Thermo-Urethane (TPU) | 275 | | | Precision Ball | Full | AS35__TPU | AR35__TPU | AS35__TPUSB | AS35 P1 TPUTL |
| | | Polyolefin (POD) | 275 | | | Delrin | None | AS35__POD | AR35__POD | AS35__PODSB | AS35 P1 PODTL |
| 4" | 1 1/4" | Thermo-Rubber (TPR) | 275 | 5 1/4" | 3 3/8" See below for brake models | Precision Ball | Full | AS40__TPR | AR40__TPR | AS40__TPRSB | AS40 P1 TPRTL |
| | | Thermo-Urethane (TPU) | 300 | | | Precision Ball | Full | AS40__TPU | AR40__TPU | AS40__TPUSB | AS40 P1 TPUTL |
| | | Polyolefin (POD) | 275 | | | Delrin | None | AS40__POD | AR40__POD | AS40__PODSB | AS40 P1 PODTL |
| 5" | 1 1/4" | Thermo-Rubber (TPR) | 325 | 6 1/4" | 3 7/8" See below for brake models | Precision Ball | Full | AS50__TPR | AR50__TPR | AS50__TPRSB | AS50 P1 TPRTL |
| | | Thermo-Urethane (TPU) | 350 | | | Precision Ball | Full | AS50__TPU | AR50__TPU | AS50__TPUSB | AS50 P1 TPUTL |
| | | Polyolefin (POD) | 325 | | | Delrin | None | AS50__POD | AR50__POD | AS50__PODSB | AS50 P1 PODTL |

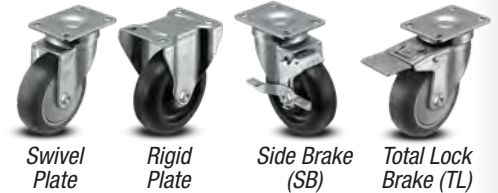
Top Plates (P1 & P2)



P1 (Insert P1 Plate Code Into Part #)
Standard Plate



P2 (Insert P2 Plate Code Into Part #)
Optional Plate
Not standard with Total Lock (TL) brake option; consult factory for minimums.



Wheel Guide



Thermo-Rubber (TPR)

Thermo-Rubber (TPR) wheels provide excellent floor protection, are resistant to most chemical/oils, and help reduce vibration by absorbing shock. Standard precision ball bearings provide easy and quiet rolling. Full thread guards prevent debris from entangling the axles.

Durometer: 75A (±5) **Temp Range:** -40°F to +180°F



Thermo-Urethane (TPU)

Thermo-Urethane (TPU) wheels are the most ergonomic and easiest to roll, provide excellent floor protection, and are highly resistant to chemicals/oils. Standard precision ball bearings provide easy and quiet rolling. Full thread guards prevent debris from entangling the axles.

Durometer: 90A (±5) **Temp Range:** -40°F to +180°F



Polyolefin (POD)

Polyolefin (POD) wheels are the most economical wheel. Wheels come with DuPont engineered Delrin bearings which are extremely durable under a wide range of temperature and humidity conditions. They are also corrosion resistant and lightweight.

Durometer: 70D (±5) **Temp Range:** -40°F to +180°F

Brake Swivel Radius

| Wheel Diameter | Brake Type | Swivel Radius |
|----------------|------------------|---------------|
| 3" | Side Brake | 3 3/4" |
| | Total Lock Brake | 4 3/8" |
| 3 1/2" | Side Brake | 3 3/4" |
| | Total Lock Brake | 4 7/16" |
| 4" | Side Brake | 3 3/4" |
| | Total Lock Brake | 4 7/16" |
| 5" | Side Brake | 3 7/8" |
| | Total Lock Brake | 4 7/16" |



Side Brake

Total Lock Brake

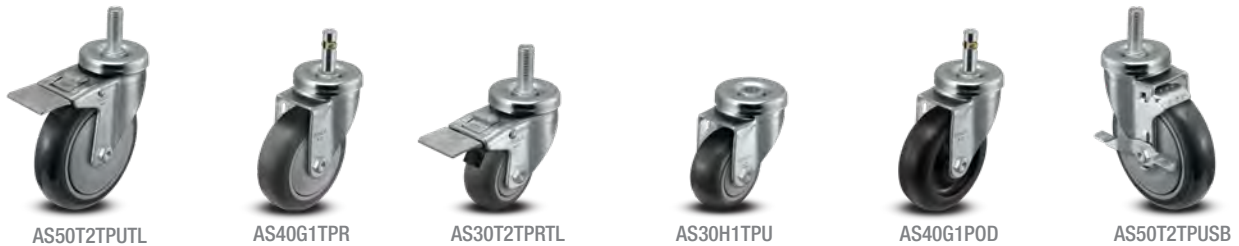


Stem and Hollow Kingpin Caster Models and Specifications

| Wheel Diameter | Tread Width | Wheel Tread Type | Load Capacity (lbs) | Mounting Height | Swivel Radius | Standard Bearing | Thread Guard Type | Swivel Caster Part # | Side Brake (SB) Part # | Total Lock Brake (TL) Part # |
|----------------|-------------|-----------------------|---------------------|-----------------|--|------------------|-------------------|----------------------|------------------------|------------------------------|
| 3" | 1 1/4" | Thermo-Rubber (TPR) | 210 | 4 1/8" | 2 15/16" See below for brake models | Precision Ball | Full | AS30__TPR | AS30__TPRSB | AS30__TPRTL |
| | | Thermo-Urethane (TPU) | 250 | | | Precision Ball | Full | AS30__TPU | AS30__TPUSB | AS30__TPUTL |
| | | Polyolefin (POD) | 270 | | | Delrin | None | AS30__POD | AS30__PODSB | AS30__PODTL |
| 3 1/2" | 1 1/4" | Thermo-Rubber (TPR) | 250 | 4 5/8" | 3 1/8" See below for brake models | Precision Ball | Full | AS35__TPR | AS35__TPRSB | AS35__TPRTL |
| | | Thermo-Urethane (TPU) | 275 | | | Precision Ball | Full | AS35__TPU | AS35__TPUSB | AS35__TPUTL |
| | | Polyolefin (POD) | 275 | | | Delrin | None | AS35__POD | AS35__PODSB | AS35__PODTL |
| 4" | 1 1/4" | Thermo-Rubber (TPR) | 275 | 5 1/8" | 3 3/8" See below for brake models | Precision Ball | Full | AS40__TPR | AS40__TPRSB | AS40__TPRTL |
| | | Thermo-Urethane (TPU) | 300 | | | Precision Ball | Full | AS40__TPU | AS40__TPUSB | AS40__TPUTL |
| | | Polyolefin (POD) | 275 | | | Delrin | None | AS40__POD | AS40__PODSB | AS40__PODTL |
| 5" | 1 1/4" | Thermo-Rubber (TPR) | 325 | 6 1/8" | 3 7/8" See below for brake models | Precision Ball | Full | AS50__TPR | AS50__TPRSB | AS50__TPRTL |
| | | Thermo-Urethane (TPU) | 350 | | | Precision Ball | Full | AS50__TPU | AS50__TPUSB | AS50__TPUTL |
| | | Polyolefin (POD) | 325 | | | Delrin | None | AS50__POD | AS50__PODSB | AS50__PODTL |



Part Examples



Wheel Guide

TPR



Thermo-Rubber (TPR)

Thermo-Rubber (TPR) wheels provide excellent floor protection, are resistant to most chemical/oils, and help reduce vibration by absorbing shock. Standard precision ball bearings provide easy and quiet rolling. Full thread guards prevent debris from entangling the axles.

Durometer: 75A (±5) **Temp Range:** -40°F to +180°F

TPU



Thermo-Urethane (TPU)

Thermo-Urethane (TPU) wheels are the most ergonomic and easiest to roll, provide excellent floor protection, and are highly resistant to chemicals/oils. Standard precision ball bearings provide easy and quiet rolling. Full thread guards prevent debris from entangling the axles.

Durometer: 90A (±5) **Temp Range:** -40°F to +180°F

POD



Polyolefin (POD)

Polyolefin (POD) wheels are the most economical wheel. Wheels come with DuPont engineered Delrin bearings which are extremely durable under a wide range of temperature and humidity conditions. They are also corrosion resistant and lightweight.

Durometer: 70D (±5) **Temp Range:** -40°F to +180°F

Brake Swivel Radius

| Wheel Diameter | Brake Type | Swivel Radius |
|----------------|------------------|---------------|
| 3" | Side Brake | 3 3/4" |
| | Total Lock Brake | 4 3/8" |
| 3 1/2" | Side Brake | 3 3/4" |
| | Total Lock Brake | 4 7/16" |
| 4" | Side Brake | 3 3/4" |
| | Total Lock Brake | 4 7/16" |
| 5" | Side Brake | 3 7/8" |
| | Total Lock Brake | 4 7/16" |



Side Brake



Total Lock Brake

A-Line Components

Swivel and Rigid Plate and Stem Rigs



AS40P1 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Swivel Rig Part # | Rigid Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-------------------|------------------|
| 3" | 1 1/4" | 270 | 4-1/4" | 2-15/16" | AS30P1 | AR30P1 |
| 3 1/2" | | 275 | 4-3/4" | 3-1/8" | AS35P1 | AR35P1 |
| 4" | | 300 | 5-1/4" | 3-3/8" | AS40P1 | AR40P1 |
| 5" | | 350 | 6-1/4" | 3-7/8" | AS50P1 | AR50P1 |

Swivel and Rigid Plate (P1 2-1/2 x 3-5/8) Rigs



AR40P1 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Swivel Rig Part # | Rigid Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-------------------|------------------|
| 3" | 1 1/4" | 270 | 4-1/4" | 2-15/16" | AS30P2 | AR30P2 |
| 3 1/2" | | 275 | 4-3/4" | 3-1/8" | AS35P2 | AR35P2 |
| 4" | | 300 | 5-1/4" | 3-3/8" | AS40P2 | AR40P2 |
| 5" | | 350 | 6-1/4" | 3-7/8" | AS50P2 | AR50P2 |

Swivel and Rigid Plate (P2 3-1/8 x 4-1/8) Rigs

Threaded Stem (T1 1/2-13 x 1 Thread) Rigs



AS40T2 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Swivel Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 2-15/16" | AS30T1 |
| 3 1/2" | | 275 | 4-5/8" | 3-1/8" | AS35T1 |
| 4" | | 300 | 5-1/8" | 3-3/8" | AS40T1 |
| 5" | | 350 | 6-1/8" | 3-7/8" | AS50T1 |

Threaded Stem (T2 1/2-13 x 1-1/2 Thread) Rigs

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Swivel Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 2-15/16" | AS30T2 |
| 3 1/2" | | 275 | 4-5/8" | 3-1/8" | AS35T2 |
| 4" | | 300 | 5-1/8" | 3-3/8" | AS40T2 |
| 5" | | 350 | 6-1/8" | 3-7/8" | AS50T2 |

Grip Band Stem (G1 7/16 x 1-3/8 Grip Band) Rigs



AS40G1 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Swivel Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 2-15/16" | AS30G1 |
| 3 1/2" | | 275 | 4-5/8" | 3-1/8" | AS35G1 |
| 4" | | 300 | 5-1/8" | 3-3/8" | AS40G1 |
| 5" | | 350 | 6-1/8" | 3-7/8" | AS50G1 |

Hollow Kingpin (H1 1/2 Hollow Kingpin) Rigs



AT40H1 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Swivel Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 2-15/16" | AS30H1 |
| 3 1/2" | | 275 | 4-5/8" | 3-1/8" | AS35H1 |
| 4" | | 300 | 5-1/8" | 3-3/8" | AS40H1 |
| 5" | | 350 | 6-1/8" | 3-7/8" | AS50H1 |

Total Lock Rigs



AT40P1 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Total Lock Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-----------------------|
| 3" | 1 1/4" | 270 | 4-1/4" | 4-3/8" | AT30P1 |
| 3 1/2" | | 275 | 4-3/4" | 4-7/16" | AT35P1 |
| 4" | | 300 | 5-1/4" | 4-7/16" | AT40P1 |
| 5" | | 350 | 6-1/4" | 4-7/16" | AT50P1 |

Swivel Plate (P1 2-1/2 x 3-5/8) Rigs

Threaded Stem (T1 1/2-13 x 1 Thread) Rigs



AT40T2 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Total Lock Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-----------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 4-3/8" | AT30T1 |
| 3 1/2" | | 275 | 4-5/8" | 4-7/16" | AT35T1 |
| 4" | | 300 | 5-1/8" | 4-7/16" | AT40T1 |
| 5" | | 350 | 6-1/8" | 4-7/16" | AT50T1 |

Threaded Stem (T2 1/2-13 x 1-1/2 Thread) Rigs



AT40G1 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Total Lock Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-----------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 4-3/8" | AT30T2 |
| 3 1/2" | | 275 | 4-5/8" | 4-7/16" | AT35T2 |
| 4" | | 300 | 5-1/8" | 4-7/16" | AT40T2 |
| 5" | | 350 | 6-1/8" | 4-7/16" | AT50T2 |

Grip Band Stem (G1 7/16 x 1-3/8 Grip Band) Rigs



AT40H1 shown

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Total Lock Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-----------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 4-3/8" | AT30G1 |
| 3 1/2" | | 275 | 4-5/8" | 4-7/16" | AT35G1 |
| 4" | | 300 | 5-1/8" | 4-7/16" | AT40G1 |
| 5" | | 350 | 6-1/8" | 4-7/16" | AT50G1 |

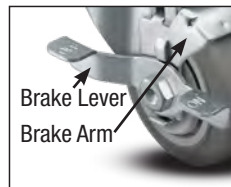
Hollow Kingpin (H1 1/2 Hollow Kingpin) Rigs

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height w/ Wheel | Swivel Radius w/ Wheel | Total Lock Rig Part # |
|------------|-------------|----------------------|-----------------------|------------------------|-----------------------|
| 3" | 1 1/4" | 270 | 4-1/8" | 4-3/8" | AT30H1 |
| 3 1/2" | | 275 | 4-5/8" | 4-7/16" | AT35H1 |
| 4" | | 300 | 5-1/8" | 4-7/16" | AT40H1 |
| 5" | | 350 | 6-1/8" | 4-7/16" | AT50H1 |

* Some wheels have lower load capacities than the rig; please reference page 3 for the assembled load capacity for each wheel type.

Brake Parts

Side Brake (SB)



Brake Arm

| | |
|-------------|---------------|
| BARM30AX125 | 3" models |
| BARM35AX125 | 3-1/2" models |
| BARM40AX125 | 4" models |
| BARM50AX125 | 5" models |

Brake Lever

| | |
|-----------|----------------|
| BLVRAX125 | Fits all sizes |
|-----------|----------------|

Axles and Nuts



Nut for all Axles
NUTAX125

Standard Axle for Swivel, Rigid, Total Lock
AXLEAX125

Axle for Side Brake
AXLESBAX125

Wheels

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Tread Type | Bearing Type | Thread Guards | WheelPart # |
|------------|-------------|----------------------|-----------------------|----------------|---------------|-------------|
| 3" | 1 1/4" | 210 | Thermo-Rubber (TPR) | Precision Ball | Full | WH30X125TPR |
| | | 250 | Thermo-Urethane (TPU) | Precision Ball | Full | WH30X125TPU |
| | | 270 | Polyolefin (POD) | Delrin | None | WH30X125POD |
| 3 1/2" | 1 1/4" | 250 | Thermo-Rubber (TPR) | Precision Ball | Full | WH35X125TPR |
| | | 275 | Thermo-Urethane (TPU) | Precision Ball | Full | WH35X125TPU |
| | | 275 | Polyolefin (POD) | Delrin | None | WH35X125POD |
| 4" | 1 1/4" | 275 | Thermo-Rubber (TPR) | Precision Ball | Full | WH40X125TPR |
| | | 300 | Thermo-Urethane (TPU) | Precision Ball | Full | WH40X125TPU |
| | | 275 | Polyolefin (POD) | Delrin | None | WH40X125POD |
| 5" | 1 1/4" | 325 | Thermo-Rubber (TPR) | Precision Ball | Full | WH50X125TPR |
| | | 350 | Thermo-Urethane (TPU) | Precision Ball | Full | WH50X125TPU |
| | | 325 | Polyolefin (POD) | Delrin | None | WH50X125POD |



Thermo-Rubber (TPR)



Thermo-Urethane (TPU)



Polyolefin (POD)



Consult factory for RoHS and NSF requirements on a part specific basis.

PEMCO®

E-LINE *Economical & In-Stock*

*2" Wide Casters, Wheels
and Accessories*



**Internal Brake Arm Stays
Protected From Forklifts
and Other Equipment!**



KWL

MAX

GFP

Three NEW Wheel Offerings!



The E-line is an economical lineup of casters and wheels designed and mass-produced for a range of medium-duty applications with load requirements ranging from 300 to 1,250 lbs. per caster. From shop carts and containers, to platform and lumber carts, the E-Line is your most competitive and in-stock 2" wide solution.

- The industry's most popular 2" wide caster sizes, wheel options, brake configurations, and accessories.
- Capacities up to 1,250 lbs. per caster.
- Double ball raceways for smooth swiveling action.
- 1/4" thick steel leg construction on swivel and rigid casters. 3/16" construction on total lock casters.
- 5/8" diameter permanent rivet kingpin.
- RoHS compliant industrial zinc finish for corrosion resistance.
- 1/2" hollow axle with grease zerk and lock nut.
- Total lock permanently integrated into swivel fork on total lock models.

Swivel Brake Options



Total Lock
Integrated into swivel fork ... locks and unlocks both wheel and swivel with a toe tap. Models shown in chart.



Wheel Face Brake (WFB)



Tread Lock Brake (TBK)



Short Pedal - 5" Length Cam Brake (CAMS)



Long Pedal - 7" Length Cam Brake (CAML)

Roller Bearing required for CAM Brakes. Not available on Solid Polyurethane K or PolyKat™

Rigid Brake Options



Wheel Face Brake (not available on 4" and 5" rigid models) (WFB)



Tread Lock Brake (TBK)



Short Pedal - 5" Length Cam Brake (CAMS)



Long Pedal - 7" Length Cam Brake. Not available on 4" and 5" rigid models. (CAML)

*Roller Bearing required for CAM Brakes.

Wheel Options

POLYURETHANE TREAD WHEELS



PolyKat™ Thermo-Urethane



Thermo-Urethane



Solid Polyurethane K



Mold-on Poly

RUBBER/THERMORUBER CUSHION WHEELS



Mold-on Rubber



Thermo-Rubber Flat



Thermo-Rubber Donut

HARD TREAD WHEELS



Glass Filled Polypropylene



Maxim® Glass Filled Nylon



Phenolic



Polypropylene HD



Cast Iron

See wheel features and descriptions on page 4.

Bearing Options



Roller Standard (R)



Pedestal Precision Ball (B)



Delrin® (D)



Precision Ball Standard on PolyKat (PB) and KWL (B) wheels.

To specify the optional Pedestal Precision Ball (B) or Delrin (D) bearing in a caster, please add **B** or **D** to the end of the Part # (see following pages). To order bearing alone, please see Page 5.

Retainer Washer Option

Standard



Plastic Retainer Washer

Optional



Steel Retainer Washer (SW)

Plastic retainer washers come standard on wheels with roller bearings; to order optional steel retainer washers add **SW** to the end of the part#. Example ES6X2CIRSW

Sealed Raceway Option

Rubber raceway seals keeps dirt out and lube in for longer caster life. Add **RS** after **ES** for free swivel models (example: ESRS6X2TPR). Seals are not recommended when swivel locks are used.



| Wheel Dia. | Tread Width | Wheel Type | ¹ Load Capacity (lbs) | Mount Height | ² Swivel Radius | Standard Bearing | Swivel Caster Part # | Rigid Caster Part # | Total Lock ¹ Brake | ³ Caster Bearing Options | ⁴ Other Brake Options |
|--------------------------------|-------------|--------------------------------|----------------------------------|--------------------------|----------------------------|------------------|----------------------|---------------------|-------------------------------|-------------------------------------|----------------------------------|
| 4" | 2" | TPR Thermo-Rubber (Flat) | 300 | 5-5/8" | 3-3/8" | Roller | ES4X2TPR | ER4X2TPR | ET4X2TPR | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| | | TPD Thermo-Rubber (Donut) | 300 | 5-5/8" | | Roller | ES4X2TPD | ER4X2TPD | ET4X2TPD | (+) B, D | |
| | | MOR Mold-on Rubber | 400 | 5-5/8" | | Roller | ES4X2MOR | ER4X2MOR | ET4X2MOR | (+) B | |
| | | TUM Thermo-Urethane | 500 | 5-5/8" | | Pedestal Ball | ES4X2PKTP8 | ER4X2PKTP8 | ET4X2PKTP8 | None | (+), WFB, TBK |
| | | POD Polypropylene HD | 500 | 5-5/8" | | Roller | ES4X2POD | ER4X2POD | ET4X2POD | (+) B, D | |
| | | PKT PolyKat™ Thermo-Urethane | 600 | 5-5/8" | | Roller | ES4X2TUM | ER4X2TUM | ET4X2TUM | (+) B, D | |
| | | KWL Solid Polyurethane K | 700 | 5-5/8" | | Pedestal Ball | ES4X2KWL | ER4X2KWL | ET4X2KWL | (+) D | (+), WFB, TBK, CAMS, CAML |
| | | MOP Mold-on Poly | 800 | 5-5/8" | | Roller | ES4X2MOP | ER4X2MOP | ET4X2MOP | (+) B | |
| | | GFP Glass-Filled Polypropylene | 800 | 5-5/8" | | Roller | ES4X2GFP | ER4X2GFP | ET4X2GFP | (+) B, D | |
| | | MAX Maxim® Glass-Filled Nylon | 800 | 5-5/8" | | Roller | ES4X2MAX | ER4X2MAX | ET4X2MAX | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| | | PHN Phenolic | 800 | 5-5/8" | | Roller | ES4X2PHN | ER4X2PHN | ET4X2PHN | (+) B, D | |
| | | CIR Cast Iron | 800 | 5-5/8" | | Roller | ES4X2CIR | ER4X2CIR | ET4X2CIR | (+) B | |
| | | 5" | 2" | TPR Thermo-Rubber (Flat) | | 350 | 6-1/2" | 4" | Roller | ES5X2TPR | ER5X2TPR |
| TPD Thermo-Rubber (Donut) | 350 | | | 6-1/2" | Roller | ES5X2TPD | ER5X2TPD | | ET5X2TPD | (+) B, D | |
| MOR Mold-on Rubber | 400 | | | 6-1/2" | Roller | ES5X2MOR | ER5X2MOR | | ET5X2MOR | (+) B | |
| TUM Thermo-Urethane | 600 | | | 6-1/2" | Roller | ES5X2TUM | ER5X2TUM | | ET5X2TUM | (+) B, D | (+), WFB, TBK |
| POD Polypropylene HD | 600 | | | 6-1/2" | Roller | ES5X2POD | ER5X2POD | | ET5X2POD | (+) B, D | |
| PKT PolyKat™ Thermo-Urethane | 800 | | | 6-1/2" | Pedestal Ball | ES5X2PKTP8 | ER5X2PKTP8 | | ET5X2PKTP8 | None | |
| KWL Solid Polyurethane K | 1000 | | | 6-1/2" | Pedestal Ball | ES5X2KWL | ER5X2KWL | | ET5X2KWL | (+) D | (+), WFB, TBK, CAMS, CAML |
| MOP Mold-on Poly | 1100 | | | 6-1/2" | Roller | ES5X2MOP | ER5X2MOP | | ET5X2MOP | (+) B | |
| GFP Glass-Filled Polypropylene | 1000 | | | 6-1/2" | Roller | ES5X2GFP | ER5X2GFP | | ET5X2GFP | (+) B, D | |
| MAX Maxim® Glass-Filled Nylon | 1000 | | | 6-1/2" | Roller | ES5X2MAX | ER5X2MAX | | ET5X2MAX | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| PHN Phenolic | 1000 | | | 6-1/2" | Roller | ES5X2PHN | ER5X2PHN | | ET5X2PHN | (+) B, D | |
| GFP Glass-Filled Polypropylene | 1000 | | | 6-1/2" | Roller | ES5X2GFP | ER5X2GFP | | ET5X2GFP | (+) B, D | |
| MAX Maxim® Glass-Filled Nylon | 1000 | | | 6-1/2" | Roller | ES5X2MAX | ER5X2MAX | | ET5X2MAX | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| PHN Phenolic | 1000 | 6-1/2" | Roller | ES5X2PHN | ER5X2PHN | ET5X2PHN | (+) B, D | | | | |
| CIR Cast Iron | 1000 | 6-1/2" | Roller | ES5X2CIR | ER5X2CIR | ET5X2CIR | (+) B | | | | |
| 6" | 2" | TPR Thermo-Rubber (Flat) | 500 | 7-1/2" | 4-3/4" | Roller | ES6X2TPR | ER6X2TPR | ET6X2TPR | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| | | TPD Thermo-Rubber (Donut) | 500 | 7-1/2" | | Roller | ES6X2TPD | ER6X2TPD | ET6X2TPD | (+) B, D | |
| | | MOR Mold-on Rubber | 550 | 7-1/2" | | Roller | ES6X2MOR | ER6X2MOR | ET6X2MO | (+) B | |
| | | POD Polypropylene HD | 600 | 7-1/2" | | Roller | ES6X2POD | ER6X2POD | ET6X2POD | (+) B, D | (+), WFB, TBK |
| | | TUM Thermo-Urethane | 720 | 7-1/2" | | Pedestal Ball | ES6X2PKTP8 | ER6X2PKTP8 | ET6X2PKTP8 | None | |
| | | PKT PolyKat™ Thermo-Urethane | 1200 | 7-1/2" | | Pedestal Ball | ES6X2KWL | ER6X2KWL | ET6X2KWL | (+) D | |
| | | KWL Solid Polyurethane K | 1200 | 7-1/2" | | Roller | ES6X2MOP | ER6X2MOP | ET6X2MOP | (+) B | (+), WFB, TBK, CAMS, CAML |
| | | MOP Mold-on Poly | 1200 | 7-1/2" | | Roller | ES6X2GFP | ER6X2GFP | ET6X2GFP | (+) B, D | |
| | | GFP Glass-Filled Polypropylene | 1200 | 7-1/2" | | Roller | ES6X2MAX | ER6X2MAX | ET6X2MAX | (+) B, D | |
| | | MAX Maxim® Glass-Filled Nylon | 1200 | 7-1/2" | | Roller | ES6X2MAX | ER6X2MAX | ET6X2MAX | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| | | PHN Phenolic | 1200 | 7-1/2" | | Roller | ES6X2PHN | ER6X2PHN | ET6X2PHN | (+) B, D | |
| | | CIR Cast Iron | 1200 | 7-1/2" | | Roller | ES6X2CIR | ER6X2CIR | ET6X2CIR | (+) B | |
| | | 8" | 2" | MOR Mold-on Rubber | | 600 | 9-1/2" | 6-1/4" | Roller | ES8X2MOR | ER8X2MOR |
| TPR Thermo-Rubber (Flat) | 600 | | | 9-1/2" | Roller | ES8X2TPR | ER8X2TPR | | ET8X2TPR | (+) B, D | |
| TPD Thermo-Rubber (Donut) | 600 | | | 9-1/2" | Roller | ES8X2TPD | ER8X2TPD | | ET8X2TPD | (+) B, D | |
| TUM Thermo-Urethane | 800 | | | 9-1/2" | Roller | ES8X2TUM | ER8X2TUM | | ET8X2TUM | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| POD Polypropylene HD | 900 | | | 9-1/2" | Roller | ES8X2POD | ER8X2POD | | ET8X2POD | (+) B, D | |
| PKT PolyKat™ Thermo-Urethane | 1200 | | | 9-1/2" | Pedestal Ball | ES8X2PKTP8 | ER8X2PKTP8 | | ET8X2PKTP8 | None | |
| KWL Solid Polyurethane K | 1250 | | | 9-1/2" | Pedestal Ball | ES8X2KWL | ER8X2KWL | | ET8X2KWL | (+) D | (+), WFB, TBK |
| MOP Mold-on Poly | 1250 | | | 9-1/2" | Roller | ES8X2MOP | ER8X2MOP | | ET8X2MOP | (+) B | |
| GFP Glass-Filled Polypropylene | 1250 | | | 9-1/2" | Roller | ES8X2GFP | ER8X2GFP | | ET8X2GFP | (+) B, D | |
| MAX Maxim® Glass-Filled Nylon | 1250 | | | 9-1/2" | Roller | ES8X2MAX | ER8X2MAX | | ET8X2MAX | (+) B, D | (+), WFB, TBK, CAMS, CAML |
| PHN Phenolic | 1250 | | | 9-1/2" | Roller | ES8X2PHN | ER8X2PHN | | ET8X2PHN | (+) B, D | |
| CIR Cast Iron | 1250 | | | 9-1/2" | Roller | ES8X2CIR | ER8X2CIR | | ET8X2CIR | (+) B | |

¹ Maximum weight capacity of total lock brake casters is 900 lbs. each.

² Swivel radius shown in above table is for standard swivel plate models; for brake swivel radius see table to right.

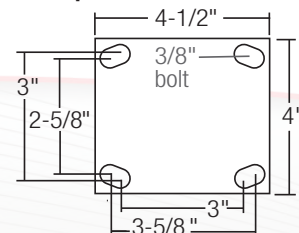
³ Available optional bearings are shown in this column. To order add appropriate code. Delrin example: ES4X2MAXD. For KWL change B to D. ESX2KWL D

⁴ To order with an optional brake, add brake code to end of swivel or rigid caster part #. Tread lock brake example with roller bearing: ES6X2TPR**TBK**. Tread lock brake example with

8 Precision ball bearing: ES6X2TPR**B**TBK.

| Wheel Diameter | Brake Swivel Radius | | | |
|----------------|---------------------|------------------------|------------------------|-----------------|
| | Total Lock | Wheel Face Brake (WFB) | Tread Lock Brake (TBK) | Cam Brake (CAM) |
| 4" | 5-7/16" | 6-1/4" | 4" | 5" |
| 5" | 5-13/16" | 6-7/8" | 4-1/4" | 5-1/8" |
| 6" | 6" | 7-5/8" | 4-3/4" | 6-1/4" |
| 8" | 6-3/5" | 8-1/2" | 6-1/8" | 6-3/4" |

Top Plate Dimensions



Wheel Features

PolyKat™ Thermo-Urethane

- Premium Polyurethane on Glass reinforced Polypropylene core
- Maintenance free, sealed precision ball bearings
- Excellent roll-ability and floor protection.
- High load capacity and impact strength.
- Good in wet applications, resistant to most chemicals



PKT

Durometer: 55 Shore D (±5)

Thermo-Urethane

- Polyurethane tread mechanically locked to polypropylene core
- Attractive, all-purpose wheel
- Good in wet applications, resistant to most chemicals



TUM

Durometer: 95 Shore A (±5)

Solid Polyurethane K

- Molded from a high strength urethane compound
- Solid wheel eliminates any possibility of tread separation
- Good in wet applications, resistant to most chemicals
- Wheel works with Torrington style roller bearing



KWL

Durometer: 55 Shore D (±5)

Mold-on Poly

- Polyurethane bonded to cast iron core
- High load capacity
- Good roll-ability and floor protection



MOP

Durometer: 95 Shore A (±5)

Mold-on Rubber

- Rubber bonded to cast iron core
- Quiet, shock absorbing ride



MOR

Durometer: 85 Shore A (±5)

Thermo-Rubber Flat and Donut

- Non-marking tread
- Good floor protection
- Quiet, shock absorbing ride
- Good in wet environments, resistant to most chemicals



TPR

TPD

Durometer: 90 Shore A (±5)

Glass Filled Polypropylene

- Stronger than standard Polypropylene
- Higher capacity compared to standard Polypropylene



GFP

Durometer: 65 Shore D (±5)

Maxim® Glass Filled Nylon

- Excellent load capacity
- Superior in wet environments, resistant to most chemicals



MAX

Durometer: 85 Shore D (±5)

Phenolic

- High load capacity.
- Hard tread, rolls easily
- Excellent impact strength
- Abrasion resistant



PHN

Durometer: 90 Shore D (±5)

Wheels Only Options

| Wheel Dia. | Tread Width | Wheel Type | Standard Bearing | Load Capacity (lbs) | Bearing Bore | Wheel Part # Standard Bearing | Bearing Options | Wheel Part # No Bearing |
|------------|-------------|--------------------------------|------------------|---------------------|--------------|-------------------------------|-----------------|-------------------------|
| 4" | 2" | TPR Thermo-Rubber (Flat) | Roller | 300 | 1/2" | WH4X2TPRR | (+) B, D | WH4X2TPR19 |
| | | TPD Thermo-Rubber (Donut) | Roller | 300 | 1/2" | WH4X2TPDR | (+) B, D | WH4X2TPD19 |
| | | MOR Mold-on Rubber | Roller | 400 | 1/2" | WH4X2MORR | (+) B | WH4X2MOR19 |
| | | TUM Thermo-Urethane | Roller | 500 | 1/2" | WH4X2TUMR | (+) B, D | WH4X2TUM19 |
| | | POD Polypropylene HD | Roller | 500 | 1/2" | WH4X2PODR | (+) B, D | WH4X2POD19 |
| | | PKT PolyKat™ Thermo-Urethane | Pedestal Ball | 600 | 1/2" | WH4X2PKTP8 | N/A | — |
| | | KWL Solid Polyurethane K | Pedestal Ball | 700 | 1/2" | WH4X2KWL8 | (+) D | WH4X2KWL19 |
| | | MOP Mold-on Poly | Roller | 800 | 1/2" | WH4X2MOPR | (+) B | WH4X2MOP19 |
| | | GFP Glass-Filled Polypropylene | Roller | 800 | 1/2" | WH4X2GFPR | (+) B, D | WH4X2GFP19 |
| | | MAX Maxim® Glass-Filled Nylon | Roller | 800 | 1/2" | WH4X2MAXR | (+) B, D | WH4X2MAX19 |
| | | PHN Phenolic | Roller | 800 | 1/2" | WH4X2PHNR | (+) B, D | WH4X2PHN19 |
| | | CIR Cast Iron | Roller | 800 | 1/2" | WH4X2CIRR | (+) B | WH4X2CIR19 |
| 5" | 2" | TPR Thermo-Rubber (Flat) | Roller | 350 | 1/2" | WH5X2TPRR | (+) B, D | WH5X2TPR19 |
| | | TPD Thermo-Rubber (Donut) | Roller | 350 | 1/2" | WH5X2TPDR | (+) B, D | WH5X2TPD19 |
| | | MOR Mold-on Rubber | Roller | 400 | 1/2" | WH5X2MORR | (+) B | WH5X2MOR19 |
| | | TUM Thermo-Urethane | Roller | 600 | 1/2" | WH5X2TUMR | (+) B, D | WH5X2TUM19 |
| | | POD Polypropylene HD | Roller | 600 | 1/2" | WH5X2PODR | (+) B, D | WH5X2POD19 |
| | | PKT PolyKat™ Thermo-Urethane | Pedestal Ball | 800 | 1/2" | WH5X2PKTP8 | N/A | — |
| | | KWL Solid Polyurethane K | Pedestal Ball | 1000 | 1/2" | WH4X2KWL8 | (+) D | WH5X2KWL19 |
| | | GFP Glass-Filled Polypropylene | Roller | 1000 | 1/2" | WH5X2GFPR | (+) B, D | WH5X2GFP19 |
| | | MAX Maxim® Glass-Filled Nylon | Roller | 1000 | 1/2" | WH5X2MAXR | (+) B, D | WH5X2MAX19 |
| | | PHN Phenolic | Roller | 1000 | 1/2" | WH5X2PHNR | (+) B, D | WH5X2PHN19 |
| | | CIR Cast Iron | Roller | 1000 | 1/2" | WH5X2CIRR | (+) B | WH5X2CIR19 |
| | | MOP Mold-on Poly | Roller | 1100 | 1/2" | WH5X2MOPR | (+) B | WH5X2MOP19 |
| 6" | 2" | TPR Thermo-Rubber (Flat) | Roller | 500 | 1/2" | WH6X2TPRR | (+) B, D | WH6X2TPR19 |
| | | TPD Thermo-Rubber (Donut) | Roller | 500 | 1/2" | WH6X2TPDR | (+) B, D | WH6X2TPD19 |
| | | TUM Thermo-Urethane | Roller | 720 | 1/2" | WH6X2TUMR | (+) B, D | WH6X2TUM19 |
| | | MOR Mold-on Rubber | Roller | 550 | 1/2" | WH6X2MORR | (+) B | WH6X2MOR19 |
| | | POD Polypropylene HD | Roller | 600 | 1/2" | WH6X2PODR | (+) B, D | WH6X2POD19 |
| | | PKT PolyKat™ Thermo-Urethane | Pedestal Ball | 1200 | 1/2" | WH6X2PKTP8 | N/A | — |
| | | KWL Solid Polyurethane K | Pedestal Ball | 1200 | 1/2" | WH6X2KWL8 | (+) D | WH6X2KWL19 |
| | | MOP Mold-on Poly | Roller | 1200 | 1/2" | WH6X2MOPR | (+) B | WH6X2MOP19 |
| | | GFP Glass-Filled Polypropylene | Roller | 1200 | 1/2" | WH6X2GFPR | (+) B, D | WH6X2GFP19 |
| | | MAX Maxim® Glass-Filled Nylon | Roller | 1200 | 1/2" | WH6X2MAXR | (+) B, D | WH6X2MAX19 |
| | | PHN Phenolic | Roller | 1200 | 1/2" | WH6X2PHNR | (+) B, D | WH6X2PHN19 |
| | | CIR Cast Iron | Roller | 1200 | 1/2" | WH6X2CIRR | (+) B | WH6X2CIR19 |
| 8" | 2" | TPR Thermo-Rubber (Flat) | Roller | 600 | 1/2" | WH8X2TPRR | (+) B, D | WH8X2TPR19 |
| | | TPD Thermo-Rubber (Donut) | Roller | 600 | 1/2" | WH8X2TPDR | (+) B, D | WH8X2TPD19 |
| | | MOR Mold-on Rubber | Roller | 600 | 1/2" | WH8X2MORR | (+) B | WH8X2MOR19 |
| | | TUM Thermo-Urethane | Roller | 800 | 1/2" | WH8X2TUMR | (+) B, D | WH8X2TUM19 |
| | | POD Polypropylene HD | Roller | 900 | 1/2" | WH8X2PODR | (+) B, D | WH8X2POD19 |
| | | PKT PolyKat™ Thermo-Urethane | Pedestal Ball | 1200 | 1/2" | WH8X2PKTP8 | N/A | — |
| | | MOP Mold-on Poly | Roller | 1250 | 1/2" | WH8X2MOPR | (+) B | WH8X2MOP19 |
| | | PHN Phenolic | Roller | 1250 | 1/2" | WH8X2PHNR | (+) B, D | WH8X2PHN19 |
| | | CIR Cast Iron | Roller | 1250 | 1/2" | WH8X2CIRR | (+) B | WH8X2CIR19 |
| | | GFP Glass-Filled Polypropylene | Roller | 1400 | 1/2" | WH8X2GFPR | (+) B, D | WH8X2GFP19 |
| | | MAX Maxim® Glass-Filled Nylon | Roller | 1400 | 1/2" | WH8X2MAXR | (+) B, D | WH8X2MAX19 |
| | | KWL Solid Polyurethane K | Pedestal Ball | 1500 | 1/2" | WH8X2KWL8 | (+) D | WH8X2KWL19 |

Roller bearing is standard for all above wheels except PolyKat and KWL models which include Pedestal Precision Ball bearings. However, Torrington style roller bearings will fit the KWL wheels. For optional Pedestal Precision Ball bearings, change last letter in part # from **R** to **B**; for Delrin® bearing change the last letter from **R** to **D**. Bearings include spanner bushings when necessary. Plastic retainer washers come standard on wheels with roller bearings; to order optional steel retainer washers add **SW** to the end of the part number.

Polypropylene HD

- Lightweight economical wheel.
- Good load capacity
- Excellent impact strength
- Superior in wet environments, resistant to most chemicals



POD

Durometer: 70 Shore D (±5)

Cast Iron

- Solid 1 piece construction
- High load capacity
- Hard tread, rolls easily
- Excellent impact strength
- For high temperature up to 600°F – must use optional steel retainer washers (**SW**)



CIR

Thread Guard Options



Thread Guards help keep debris out of the wheel bearings. To order: add **TG1** for metal or **TG2** for plastic, to the end of the caster part number. TG2 option only available on TPR & TPD wheels in 5", 6" & 8" diameters – no other wheels currently available with TG2 option.

E-Line Components

Swivel and Rigid Rigs



| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height | Swivel Caster Part # | Rigid Caster Part # |
|------------|-------------|----------------------|--------------|----------------------|---------------------|
| 4" | 2" | 1250 | 5-5/8" | RIG4X2ES | RIG4X2ER |
| 5" | 2" | 1250 | 6-1/2" | RIG5X2ES | RIG5X2ER |
| 6" | 2" | 1250 | 7-1/2" | RIG6X2ES | RIG6X2ER |
| 8" | 2" | 1250 | 9-1/2" | RIG8X2ES | RIG8X2ER |



Total Lock Rigs

| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height | Swivel Radius | Part # |
|------------|-------------|----------------------|--------------|---------------|-----------|
| 4" | 2" | 900 | 5-5/8" | 5-7/16" | RIG4X2EST |
| 5" | 2" | 900 | 6-1/2" | 5-13/16" | RIG5X2EST |
| 6" | 2" | 900 | 7-1/2" | 6" | RIG6X2EST |
| 8" | 2" | 900 | 9-1/2" | 6-3/8" | RIG8X2EST |

*Some wheels have lower capacities. See pemccasters.com/eline for specifications.

Brake Kits

All brake kits include axle, nut and necessary hardware to install on swivel or rigid rigs.

Tread Lock Brake (TBK)



| | |
|---------|-----------|
| TBK4X2E | 4" models |
| TBK5X2E | 5" models |
| TBK6X2E | 6" models |
| TBK8X2E | 8" models |

Wheel Face Brake (WFB)



| | |
|---------|-----------|
| WFB4X2E | 4" models |
| WFB5X2E | 5" models |
| WFB6X2E | 6" models |
| WFB8X2E | 8" models |

Long Pedal Cam Brake 7" (CAML)

Only works with roller bearing models. Fits 5", 6" & 8" E-Line models.



| | |
|---------|---|
| CAMXX2L | Comes with custom spanner bushing (roller bearing required) |
|---------|---|

Short Pedal Cam Brake (5") (CAMS)

Only works with roller bearing models. Fits all caster sizes.



| | |
|---------|---|
| CAMXX2S | Comes with custom spanner bushing (roller bearing required) |
|---------|---|

Hardware (All hardware parts sold per piece, not sets)



Axle (Zerk)
1/2-13x3.62
AXLEZRKEX2

Nut
1/2-13
AXLENUTEX2

Spanner bushing
1/2 X 3/4 X 2-7/16
SPANNEREX2



Retaining Washer (Plastic)
WHLCAPPLEX2



Retaining Washer (Steel)
WHLCAPSTEX2



Roller bearing
3/4 I.D. (Use With Bushing For 1/2 I.D.)
BRGROLLEX2



Pedestal precision bearing
BRGPBALLEX2



Flanged Delrin bearing
3/4 I.D. (Use With Bushing For 1/2 I.D.)
BRGDELRNEX2

Raceway Seals

Upper and Lower seals available on swivel caster models (Sold as set). Seals are not recommended when swivel locks are used.



RCWYSEALEX2

4 Position Swivel Lock

Lock and unlock swivel for easy tracking down hallways



SWVLOCKX2

Floor Lock Options

Single Pedal Floor Locks

Designed to hold your portable equipment in a desired location.



| Wheel Dia. | Caster Mtg. Ht. | Retracted Clearance | Approximate Weight (lbs) | Floor Lock # |
|------------|-----------------|---------------------|--------------------------|--------------|
| 4" | 5-5/8" | 3/4" | 3-1/4 | FL-4E |
| 5" | 6-1/2" | 3/4" | 3-1/2 | FL-5E |
| 6" | 7-1/2" | 3/4" | 3-3/4 | FL-6E |
| 8" | 9-1/2" | 3/4" | 4 | FL-8E |

Double Pedal Floor Locks

Adaptable to all types of portable equipment, the double pedal floor lock allows for easier floor lock engagement.



| Wheel Dia. | Caster Mtg. Ht. | Retracted Clearance | Approximate Weight (lbs) | Floor Lock # |
|------------|-----------------|---------------------|--------------------------|--------------|
| 4" | 5-5/8" | 1" | 3-7/8" | FLOCKE40 |
| 5" | 6-1/2" | 1" | 4 | FLOCKE50 |
| 6" | 7-1/2" | 1-3/8" | 4-1/4 | FLOCKE60 |
| 8" | 9-1/2" | 1-1/4" | 4-3/4 | FLOCKE80 |

PEMCO®



Consult factory for RoHS and Ro requirements on a part specific basis.

E-LINE™

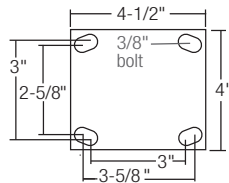
Stainless Steel

*The Ultimate Value in Stainless Steel
Casters, Wheels & Accessories*



- Ideal for harsh environments where frequent wash downs, chemicals and other corrosive elements cause zinc plated casters to rust or corrode
- Electropolished 304 stainless steel construction
- 3/16" thick stainless steel top plate and fork legs for durability
- Double stainless steel ball bearing raceways provide smooth swivel
- 5/8" stainless steel kingpin
- Grease fittings standard in swivel raceway and 1/2" diameter stainless steel axle for easy maintenance
- All metal components, such as: bearings, bushings and zerk fittings are stainless steel
- Standard grease on swivel caster rated up to 248°F and will soon feature DOW G-4500 food grade synthetic grease (-58° to 334°F) as standard. For timing and higher-temperature options, please contact factory.

Top Plate Dimensions



Brake Options



Stainless Steel Wheel Face Brake (WFB)

WFB brakes work on all swivel models and also 6" and 8" rigid models!



Stainless Steel Tread Lock Brake (TBK)

TBK brakes work on all swivel models and also all rigid models!



Stainless Steel Cam Brake (CAM)

CAM brakes can only be used with Roller Bearing or 1-Piece Delrin bearing options

Field installable brake kits also available. See back page for more info.

High-Temp



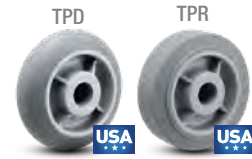
- Designed to withstand the rigors of high temperature, perfect for cooker racks and Retort carts
 - **HRT** is heavy duty glass-filled nylon with a temperature range: -20°F to +480°F continuous
 - **RET** (RETORT) is glass-filled polypropylene with a temperature range: -20°F to +290°F continuous
- Durometer:** 75 Shore D (±5)
Temperature: Listed above

Nylon



- Excellent load capacity
 - Excellent impact strength
 - **WNY** wheels excellent for clean rooms
 - Superior in wet environments, resistant to most chemicals
- Durometer:** 85 Shore D (±5)
MAX Temp: -40°F to +250°F
WNY Temp: -20°F to +250°F

Thermo-Rubber Flat and Donut



- Non-marking thermoplastic rubber tread chemically bonded to polypropylene core
 - Good floor protection
 - Quiet, shock absorbing ride
 - Good in wet environments, resistant to most chemicals
- Durometer:** 70 Shore A (±5)
Temperature: -40°F to +180°F

Thermo-Urethane



- Polyurethane tread mechanically locked to polypropylene core.
 - Attractive, all-purpose wheel.
 - Good in wet applications, resistant to most chemicals.
- Durometer:** 95 Shore A (±5)
Temperature: -45°F to +180°F

Solid Polyurethane



- Molded from a high strength urethane compound
 - Solid wheel eliminates any possibility of tread separation
 - Good in wet applications, resistant to most chemicals
- Durometer:** 55 Shore D (±5)
Temperature: -22°F to +158°F

Polypropylene HD



- Economical construction and light in weight
 - Good load capacity and impact strength
 - Superior in wet environments, resistant to most chemicals
- Durometer:** 70 Shore D (±5)
Temperature: -45°F to +180°F

Bearing Options



Stainless Roller (R)

(default bearing unless otherwise specified)



Stainless (266°F) Pedestal Precision Ball (B)

(an excellent way to achieve better ergonomics)



2-Piece Delrin® (D)

(*standard in any High-Temp Delrin Bearing caster or wheel selection)



300 F High-Temp Nylon* (N)



1-Piece Delrin® (Z)

1-piece Delrin® is standard when ordering cam brakes

Not all bearing options are available in all casters or wheels. Please follow ordering instructions provided on the following pages to change the standard bearing in a complete caster or wheel to one of the optional bearing choices available.

Retainer Washers (for roller bearing wheels)

Plastic retainer washers come standard on wheels with roller bearings.

High-Temp roller bearing wheels (HRT and RET) come standard with Stainless Steel Thrust and Retainer Washers

Standard



Plastic Retainer Washer

Stainless



Stainless Steel Thrust and Retainer Washer

Sealed Raceway Option

Rubber raceway seals keep dirt out and grease in for a longer caster life. To order, add **RS** after **ES** in swivel caster part number (example: SSESRS6X2TPR). Seals are rated for applications up to 140°F.



Caster Specifications



To change standard bearing or add brakes, add (+) the desired code to the end of the Part #; example: SSES4X2TPRBWFB

| Wheel Dia. | Tread Width | Wheel Type | Load Capacity (lbs) | Mount Height | Swivel Radius* | Standard Bearing | Swivel Caster Part # | Rigid Caster Part # | Bearing Options | Brake Options |
|------------|-------------|----------------------------------|---------------------|--------------|----------------------|------------------|----------------------|---------------------|-----------------------|---------------------------|
| 4" | 2" | HRT High-Temp Glass-Filled Nylon | 800 | 5-5/8" | Swivel Models 3-3/8" | Roller | SSES4X2HRT | SSER4X2HRT | (+) B, N | (+) TBK, CAM ² |
| | | KWL Solid Polyurethane K | 700 | 5-5/8" | | Ball | SSES4X2KWLB | SSER4X2KWLB | (+) D ³ | (+) TBK, WFB, CAM |
| | | MAX Maxim® Glass-Filled Nylon | 800 | 5-5/8" | | Roller | SSES4X2MAX | SSER4X2MAX | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | POD Polypropylene HD | 500 | 5-5/8" | | Roller | SSES4X2POD | SSER4X2POD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | RET RETORT Glass-Filled Polypro. | 500 | 5-5/8" | | Roller | SSES4X2RET | SSER4X2RET | (+) B, N | (+) TBK, CAM ² |
| | | TPR Thermo-Rubber (Flat) | 300 | 5-5/8" | | Roller | SSES4X2TPR | SSER4X2TPR | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TPD Thermo-Rubber (Donut) | 300 | 5-5/8" | | Roller | SSES4X2TPD | SSER4X2TPD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TUM Thermo-Urethane | 500 | 5-5/8" | | Roller | SSES4X2TUM | SSER4X2TUM | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | WNY White Nylon | 900 | 5-5/8" | | Roller | SSES4X2WNY | SSER4X2WNY | (+) B, D ¹ | (+) TBK, WFB, CAM |
| 5" | 2" | HRT High-Temp Glass-Filled Nylon | 900 | 6-1/2" | Swivel Models 4" | Roller | SSES5X2HRT | SSER5X2HRT | (+) B, N | (+) TBK, CAM ² |
| | | KWL Solid Polyurethane K | 900 | 6-1/2" | | Roller | SSES5X2KWLB | SSER5X2KWLB | (+) D ³ | (+) TBK, WFB, CAM |
| | | MAX Maxim® Glass-Filled Nylon | 900 | 6-1/2" | | Roller | SSES5X2MAX | SSER5X2MAX | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | POD Polypropylene HD | 650 | 6-1/2" | | Roller | SSES5X2POD | SSER5X2POD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | RET RETORT Glass-Filled Polypro. | 650 | 6-1/2" | | Roller | SSES5X2RET | SSER5X2RET | (+) B, N | (+) TBK, CAM ² |
| | | TPR Thermo-Rubber (Flat) | 350 | 6-1/2" | | Roller | SSES5X2TPR | SSER5X2TPR | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TPD Thermo-Rubber (Donut) | 350 | 6-1/2" | | Roller | SSES5X2TPD | SSER5X2TPD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TUM Thermo-Urethane | 600 | 6-1/2" | | Roller | SSES5X2TUM | SSER5X2TUM | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | WNY White Nylon | 900 | 6-1/2" | | Roller | SSES5X2WNY | SSER5X2WNY | (+) B, D ¹ | (+) TBK, WFB, CAM |
| 6" | 2" | HRT High-Temp Glass-Filled Nylon | 900 | 7-1/2" | Swivel Models 4-3/4" | Roller | SSES6X2HRT | SSER6X2HRT | (+) B, N | (+) TBK, CAM ² |
| | | KWL Solid Polyurethane K | 900 | 7-1/2" | | Ball | SSES6X2KWLB | SSER6X2KWLB | (+) D ³ | (+) TBK, WFB, CAM |
| | | MAX Maxim® Glass-Filled Nylon | 900 | 7-1/2" | | Roller | SSES6X2MAX | SSER6X2MAX | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | POD Polypropylene HD | 700 | 7-1/2" | | Roller | SSES6X2POD | SSER6X2POD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | RET RETORT Glass-Filled Polypro. | 700 | 7-1/2" | | Roller | SSES6X2RET | SSER6X2RET | (+) B, N | (+) TBK, CAM ² |
| | | TPR Thermo-Rubber (Flat) | 500 | 7-1/2" | | Roller | SSES6X2TPR | SSER6X2TPR | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TPD Thermo-Rubber (Donut) | 500 | 7-1/2" | | Roller | SSES6X2TPD | SSER6X2TPD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TUM Thermo-Urethane | 720 | 7-1/2" | | Roller | SSES6X2TUM | SSER6X2TUM | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | WNY White Nylon | 900 | 7-1/2" | | Roller | SSES6X2WNY | SSER6X2WNY | (+) B, D ¹ | (+) TBK, WFB, CAM |
| 8" | 2" | HRT High-Temp Glass-Filled Nylon | 900 | 9-1/2" | Swivel Models 6-1/8" | Roller | SSES8X2HRT | SSER8X2HRT | (+) B, N | (+) TBK, CAM ² |
| | | KWL Solid Polyurethane K | 900 | 9-1/2" | | Ball | SSES8X2KWLB | SSER8X2KWLB | (+) D ³ | (+) TBK, WFB, CAM |
| | | MAX Maxim® Glass-Filled Nylon | 900 | 9-1/2" | | Roller | SSES8X2MAX | SSR8X2MAX | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | POD Polypropylene HD | 900 | 9-1/2" | | Roller | SSES8X2POD | SSER8X2POD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | RET RETORT Glass-Filled Polypro. | 900 | 9-1/2" | | Roller | SSES8X2RET | SSER8X2RET | (+) B, N | (+) TBK, CAM ² |
| | | TPR Thermo-Rubber (Flat) | 600 | 9-1/2" | | Roller | SSES8X2TPR | SSER8X2TPR | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TPD Thermo-Rubber (Donut) | 600 | 9-1/2" | | Roller | SSES8X2TPD | SSER8X2TPD | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | TUM Thermo-Urethane | 800 | 9-1/2" | | Roller | SSES8X2TUM | SSER8X2TUM | (+) B, D ¹ | (+) TBK, WFB, CAM |
| | | WNY White Nylon | 900 | 9-1/2" | | Roller | SSES8X2WNY | SSER8X2WNY | (+) B, D ¹ | (+) TBK, WFB, CAM |

¹ To order 1-Piece Delrin® (Z) bearing, utilize **Z** in place of **D** when adding bearing option code to part #; example: SSES8X2PODZ. 1-Piece Delrin® (Z) bearing must be utilized when ordering Delrin® bearings with CAM brake.

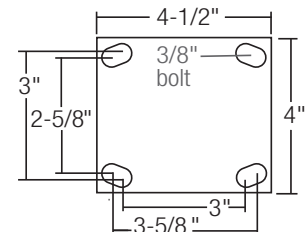
² CAM brake not compatible with High-Temp Nylon (N) bearing; utilize Stainless Roller (R) bearing for High-Temp Cam brake requirements or change to **TBK** brake to utilize **N** bearing.

³ Replace **B** with **D** in part number to order Delrin® bearing on Solid Polyurethane K wheels; then add optional brake code.

*Note: Swivel radius shown in above table is for standard swivel plate models; for brake swivel radius see table to right.

| Wheel Diameter | Brake Swivel Radius | | |
|----------------|------------------------|------------------------|-----------------|
| | Wheel Face Brake (WFB) | Tread Lock Brake (TBK) | Cam Brake (CAM) |
| 4" | 6-1/4" | 4" | 5" |
| 5" | 6-7/8" | 4-1/4" | 5-1/8" |
| 6" | 7-5/8" | 4-3/4" | 6-1/4" |
| 8" | 8-1/2" | 6-1/8" | 6-3/4" |

Top Plate Dimensions



SSES5X2HRT SSES6X2TPDWFB SSES6X2TUMCAM SSES6X2PODTBK SSER6X2KWLB SSES6X2TPRCAM SSES6X2WNY SSES6X2MAXWFB SSES6X2TUM



E-Line Stainless Steel Components

Swivel and Rigid Rigs



| Wheel Dia. | Tread Width | *Load Capacity (lbs) | Mount Height | Swivel Caster Part # | Rigid Caster Part # |
|------------|-------------|----------------------|--------------|----------------------|---------------------|
| 4" | 2" | 900 | 5-5/8" | RIG4X2ESSS | RIG4X2ERSS |
| 5" | 2" | 900 | 6-1/2" | RIG5X2ESSS | RIG5X2ERSS |
| 6" | 2" | 900 | 7-1/2" | RIG6X2ESSS | RIG6X2ERSS |
| 8" | 2" | 900 | 9-1/2" | RIG8X2ESSS | RIG8X2ERSS |

Wheels



| Wheel Dia. | Tread Width | Wheel Type | Load Capacity (lbs) | Bore | Standard Bearing | Standard Wheel Part #* |
|------------|-------------|---------------------------------------|---------------------|------|------------------|--------------------------|
| 4" | 2" | HRT High-Temp Glass-Filled Nylon | 800 | 1/2" | Roller | WH4X2HRTRSS ¹ |
| | | KWL Solid Polyurethane K | 700 | 1/2" | Ball | WH4X2KWLBS ² |
| | | MAX Maxim® Glass-Filled Nylon | 800 | 1/2" | Roller | WH4X2MAXRSS |
| | | POD Polypropylene HD | 500 | 1/2" | Roller | WH4X2PODRSS |
| | | RET RETORT Glass-Filled Polypropylene | 500 | 1/2" | Roller | WH4X2RETRSS ¹ |
| | | TPR Thermo-Rubber (Flat) | 300 | 1/2" | Roller | WH4X2TPRRSS |
| | | TPD Thermo-Rubber (Donut) | 300 | 1/2" | Roller | WH4X2TPDRSS |
| | | TUM Thermo-Urethane | 500 | 1/2" | Roller | WH4X2TUMRSS |
| | | WNY White Nylon | 900 | 1/2" | Roller | WH4X2WNYRSS |
| 5" | 2" | HRT High-Temp Glass-Filled Nylon | 1000 | 1/2" | Roller | WH5X2HRTRSS ¹ |
| | | KWL Solid Polyurethane K | 1000 | 1/2" | Ball | WH5X2KWLBS ² |
| | | MAX Maxim® Glass-Filled Nylon | 1000 | 1/2" | Roller | WH5X2MAXRSS |
| | | POD Polypropylene HD | 650 | 1/2" | Roller | WH5X2PODRSS |
| | | RET RETORT Glass-Filled Polypropylene | 650 | 1/2" | Roller | WH5X2RETRSS ¹ |
| | | TPR Thermo-Rubber (Flat) | 350 | 1/2" | Roller | WH5X2TPRRSS |
| | | TPD Thermo-Rubber (Donut) | 350 | 1/2" | Roller | WH5X2TPDRSS |
| | | TUM Thermo-Urethane | 600 | 1/2" | Roller | WH5X2TUMRSS |
| | | WNY White Nylon | 1000 | 1/2" | Roller | WH5X2WNYRSS |
| 6" | 2" | HRT High-Temp Glass-Filled Nylon | 1200 | 1/2" | Roller | WH6X2HRTRSS ¹ |
| | | KWL Solid Polyurethane K | 1200 | 1/2" | Ball | WH6X2KWLBS ² |
| | | MAX Maxim® Glass-Filled Nylon | 1200 | 1/2" | Roller | WH6X2MAXRSS |
| | | POD Polypropylene HD | 700 | 1/2" | Roller | WH6X2PODRSS |
| | | RET RETORT Glass-Filled Polypropylene | 700 | 1/2" | Roller | WH6X2RETRSS ¹ |
| | | TPR Thermo-Rubber (Flat) | 500 | 1/2" | Roller | WH6X2TPRRSS |
| | | TPD Thermo-Rubber (Donut) | 500 | 1/2" | Roller | WH6X2TPDRSS |
| | | TUM Thermo-Urethane | 720 | 1/2" | Roller | WH6X2TUMRSS |
| | | WNY White Nylon | 1200 | 1/2" | Roller | WH6X2WNYRSS |
| 8" | 2" | HRT High-Temp Glass-Filled Nylon | 1400 | 1/2" | Roller | WH8X2HRTRSS ¹ |
| | | KWL Solid Polyurethane K | 1500 | 1/2" | Ball | WH8X2KWLBS ² |
| | | MAX Maxim® Glass-Filled Nylon | 1400 | 1/2" | Roller | WH8X2MAXRSS |
| | | POD Polypropylene HD | 900 | 1/2" | Roller | WH8X2PODRSSs |
| | | RET RETORT Glass-Filled Polypropylene | 900 | 1/2" | Roller | WH8X2RETRSS ¹ |
| | | TPR Thermo-Rubber (Flat) | 600 | 1/2" | Roller | WH8X2TPRRSS |
| | | TPD Thermo-Rubber (Donut) | 600 | 1/2" | Roller | WH8X2TPDRSS |
| | | TUM Thermo-Urethane | 800 | 1/2" | Roller | WH8X2PHNRSS |
| | | WNY White Nylon | 1200 | 1/2" | Roller | WH8X2WNYRSS |

*Note: Stainless Steel Roller bearing (includes spanner bushing) is standard for all above wheels except KWL models which include Stainless Pedestal Precision Ball bearings. For optional Stainless Pedestal Precision Ball bearings, change the third to last letter in part # from R to B; for Delrin® bearing change the third to last letter from R to D (for 2-Piece) or R to Z (for 1-Piece), both Delrin® options include spanner bushing. High-Temp roller bearing models come standard with stainless retaining and thrust washers, all other roller bearing models come standard with plastic retainer washers. To order blank wheel (1-3/16" bore with no bearing), change the last three characters in wheel part # to 19; example: WH6X2TPR19.

¹ High-Temp Nylon bearing can be ordered by changing third to last letter in part # from R to N; Delrin® options not available due to temperature constraints.

² KWL wheel standard with Stainless Pedestal Precision Ball bearing; see above note* to order with Delrin bearing option.

Stainless Steel Floor Locks



| Wheel Dia. | Caster Height | Retracted Clearance | Approx. Weight (Lbs) | Wheel Part # (Plain bore) |
|------------|---------------|---------------------|----------------------|---------------------------|
| 4 | 5-5/8" | 3/4" | 3-1/4" | FL4ESS |
| 5 | 6-1/2" | 3/4" | 3-1/2" | FL5ESS |
| 6 | 7-1/2" | 3/4" | 3-3/4" | FL6ESS |
| 8 | 9-1/2" | 3/4" | 4" | FL8ESS |

Stainless Steel Brakes

All brake kits include zerk axle, nut and necessary hardware to install on swivel or rigid rigs.

Tread Lock Brake (TBK)



| | |
|-----------|-----------|
| TBK4X2ESS | 4" models |
| TBK5X2ESS | 5" models |
| TBK6X2ESS | 6" models |
| TBK8X2ESS | 8" models |

Wheel Face Brake (WFB)



| | |
|-----------|-----------|
| WFB4X2ESS | 4" models |
| WFB5X2ESS | 5" models |
| WFB6X2ESS | 6" models |
| WFB8X2ESS | 8" models |

Cam Brake* (CAM)



| | |
|-----------|-----------------------------------|
| CAMXX2SSS | Short pedal Fits all diameters |
| CAMXX2LSS | Long pedal Fits all diameters |

*Can only be used with Roller Bearing or 1-piece Delrin® bearing wheels.

Hardware (All hardware parts sold per piece, not sets)



Zerk Axle (Stainless Steel)
1/2-13 x 3-3/8

AXLEZRKEX2SS



Nut (Stainless Steel)
1/2-13

AXLENUTEX2SS



Spanner bushing (Stainless Steel)
1/2 X 3/4 x 2-7/16

SPANNEREX2SS



Retaining Washer (Plastic)

WHLCAPPLEX2SS



Retaining¹ & Thrust² Washer (Stainless)

1RETAINEX2SS
2THRUSTEX2SS



Stainless Steel Roller bearing
3/4 I.D. (Use With Bushing For 1/2 I.D.)

BRGCROLLEX2SS



Stainless Steel Pedestal Precision Ball bearing

BRGPBALLEX2SS



Flanged Delrin® Bearing
3/4 I.D. (Use With Spanner For 1/2 I.D.)

BRGDELRNSSEX2



High Temp Flanged Nylon Bearing
3/4 I.D. (Use With Spanner For 1/2 I.D.)

BRGNYLONEX2HT



1 Piece Delrin bearing
3/4 I.D. (Use With Spanner For 1/2 I.D.)

BRGDELRNEX21PC

Raceway Seals

Upper and Lower seals available on swivel caster models

(Sold as set).



RCWYSEALEX2

Stainless Steel

4 Position

Swivel Lock

Lock and unlock swivel for easy steering



SWVLOCKX2SS

PEMCO[®]

*Shopping Cart Casters
& Wheels*



Pemco Shopping Cart



Features

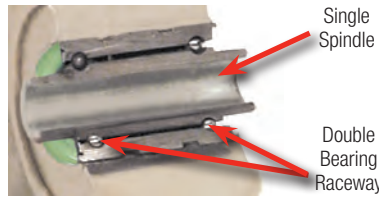
- Considered by many to be the standard of the industry.
- Wheel tread is mechanically locked to core. On KasterKat models wheel tread is also chemically bonded.
- Many Pemco models feature the patented sealed bearing features double ball raceway that is insert-molded into the hub. The single spindle design cannot become misaligned with use.

Options

- Anti-static and self-braking models available.
- Caster finish options including standard zinc plating, PemCoat and Precision Hollow Rivet.
- Wheel tread options including polyurethane, TPR and anti-static polyurethane.

Pemco Bearing Difference

Legacy Single Spindle Bearing



- Bearing is insert-molded into the polypropylene hub. This bearing is a single spindle design that cannot become misaligned with use. It is also sealed on both sides after being pre-lubricated with high quality grease.

New Dual Precision Bearing



Pemco now offers a new dual precision bearing for smooth, quiet rolling. This bearing is also pressed into the hub for greater durability and longer service life.

Wheel Choices



The **KasterKat** premium features a molded, red annular ring mixed with polyurethane, between the hub and our premium polyurethane tread. This process provides both a chemical bond and a mechanical lock between the tread and hub.



Polykat wheels features a polyurethane tread mechanically locked to a polypropylene core. This design helps prevent tread separation.



QuietKat wheels are very durable, roll easy and are well suited for a variety of applications. The wheel cushions your ride over rough surfaces, providing excellent shock absorption. The softer 88A Durometer TPR tread design will not mark your floors.



SuperKat wheels feature a soft natural rubber tread material along with a more rounded tread shape. This design allows the wheel to rotate as it is pulled sideways by cart pusher machines. Because the wheel is allowed to spin, even with sharp turns, it is much more resistant to flat spotting compared to conventional wheels. This design has been used successfully in Europe for over 20 years.



Pemco Shopping Cart

Continued from previous page

| Wheel Diameter (Inches) | Tread Width (Inches) | Mounting Height (Inches) | Bearing Bore (Inches) | Bearing Type | Tread/Core Color | Thread Guard Color | Wheel Features | Dynamic Load (Pounds) | Caster Model | Wheel Model |
|-------------------------|----------------------|--------------------------|-----------------------|--------------|------------------|--------------------|----------------|-----------------------|--------------|-------------|
|-------------------------|----------------------|--------------------------|-----------------------|--------------|------------------|--------------------|----------------|-----------------------|--------------|-------------|

KasterKat Premium

| | | | | | | | | | | |
|----|--------|--------|-------|----------------|----------------|-----------|--------------------------|-----|--------|--------|
| 5" | 1-1/4" | 5-7/8" | 5/16" | Single Spindle | Dark Blue/Grey | Dark Blue | Standard | 250 | 77679E | 83119E |
| | | | | Single Spindle | Grey/Grey | Grey | Standard | 250 | 77679Y | 83119Y |
| | | | | Single Spindle | Dark Blue/Grey | Dark Blue | Tensioner (Self Braking) | 250 | 77695E | 83207E |



PolyKat

| | | | | | | | | | | |
|----------------|----------------|----------|-------------------------------|------------------|-----------------|-----------|--------------------------|-----|---------|---------|
| 4" | 1-1/4" | 4-11/16" | 5/16" | Single Precision | Dark Blue/Grey | Dark Blue | Standard | 250 | 77687E | 83194E |
| 5" | 1-1/4" | 5-7/8" | 5/16" | Dual Precision | Dark Blue/Grey | Dark Blue | Standard | 250 | 77520EZ | 83122EZ |
| | | | | Dual Precision | Dark Grey/Black | Black | Standard | 250 | 77688YZ | 83195YZ |
| | | | | Delrin | Black/Black | None | Economical | 200 | 77142G | 8161G |
| | | | | Single Spindle | Dark Blue/Grey | Dark Blue | Anti-Static | 250 | 77639E | 83184E |
| | | | | Single Spindle | Dark Blue/Grey | Orange | Tensioner (self-braking) | 250 | 77662E | 83190E |
| | | | | Single Spindle | Dark Blue/Grey | Orange | Adjustable Tensioner | 250 | 77692E | 83202E |
| Single Spindle | Dark Blue/Grey | Orange | Fusion: Anti-static/Tensioner | 250 | 77699E | 83206E | | | | |



QuietKat

| | | | | | | | | | | |
|----|--------|--------|-------|----------------|------------|--------|-------------------------------|-----|--------|---------|
| 5" | 1-1/4" | 5-7/8" | 5/16" | Dual Precision | Grey/Black | Black | Standard | 250 | 77103Y | 83203YZ |
| | | | | Single Spindle | Grey/Black | Black | Anti-Static | 250 | 77123Y | 83211Y |
| | | | | Single Spindle | Grey/Black | Orange | Tensioner (self-braking) | 250 | 77124Y | 83212Y |
| | | | | Single Spindle | Grey/Black | Orange | Fusion: Anti-static/Tensioner | 250 | 77125Y | 83219Y |



SuperKat

| | | | | | | | | | | |
|----|--------|--------|-------|----------------|----------------|-----------|---------------------------------|-----|--------|--------|
| 5" | 1-1/4" | 5-7/8" | 5/16" | Dual Precision | Dark Blue/Grey | Dark Blue | Anti-flat spot for cart pushers | 250 | 77146E | 83224E |
|----|--------|--------|-------|----------------|----------------|-----------|---------------------------------|-----|--------|--------|



Wheel Features



PolyKat Anti-Static. Say goodbye to straps and chains. Patented anti-static wheel discharges static electricity of shopping cart every rotation of the wheel.



Standard **Tensioner** wheel reduces damage caused by rolling, unattended shopping carts. They are designed to hold unattended shopping carts on a slight slope (1-2 degrees) and slow down acceleration on greater slopes.










Adjustable Tensioner wheels have deceleration is pre-set at the factory for average conditions. Parking lot conditions vary widely -- the amount of deceleration can easily be field adjusted to meet customer needs.



Fusion wheels feature the fusion of anti-static and tensioner wheel for the ultimate in shopper comfort and protection. No field adjustment necessary.



Corner Bumpers

Shape/Type + Material + Size Inside dimension + Durometer+Color

| | Brand | Part Description | Part Number | Product Details | Additional Information |
|---|--------|------------------------------|-------------|--|-------------------------------------|
|  | Colson | CB-PVC-2.6X2.6-85A-GY | 4718-00 | Corner Bumper B-8 - Gray 3.5x3.5x1.0" outside Vinyl 80-85A | Inside corner dimensions 2.62x2.62" |
|  | Colson | CB-PVC-3X3-85A-GY | CB-10 | Corner Bumper CB-10 - Gray 4.4x4.4x1.06" rounded outside corner Vinyl 85-95A | Inside corner dimensions 3.06x3.06" |
|  | Colson | CB-PVC-3X3-85A-BK | CB-10B | Corner Bumper CB-10 - Black 4.4x4.4x1.06" rounded outside corner Vinyl 85-95A | Inside corner dimensions 3.06x3.06" |
|  | Colson | CB-PVC-3.2X3.2-85A-GY | CB-12 | Corner Bumper CB-12 - Gray 4.04x4.04x1.0" radius outside corner Vinyl 85-95A | Inside corner dimensions 3.19x3.19" |
|  | Colson | CB-PVC-3.2X3.2-85A-BK | CB-12B | Corner Bumperr CB-12 - Black 4.04x4.04x1.0" radius outside corner Vinyl 85-95A | Inside corner dimensions 3.19x3.19" |
|  | Colson | CB-PVC-3.2X3.2-85A-BR | CB-12BRNTPR | Corner Bumper CB-12 - Brown 4.04x4.04x1.0" radius outside corner Vinyl 85-95A | Inside corner dimensions 3.19x3.19" |
|  | Colson | CB-TPR-3.2X3.2-70A-GY | 06927 | Corner Bumper 3 X 3 Rounded Corner TPR 70A | Inside corner dimensions 3.0x3.0" |


End Bumpers

Shape/Type + Material + Diameter + Durometer + Color

| | Brand | Part Description | Part Number | Product Details |
|--|--------|---------------------------|-------------|---|
|  | Colson | EB-PVC-3.25-85A-GY | 4714-00 | End Bumper Donut B-1 Gray 3.25"diameter .344 HOLE .97" Tall Vinyl 80-85A |
|  | Colson | EB-PVC-3.25-85A-BK | 4714-01 | End Bumper Donut B-1 Black 3.25"diameter .344 HOLE .97" Tall Vinyl 80-85A |
| | Colson | EB-TPR-3.25-70A-GY | 06901 | End Bumper 3.25 O.D. Gray TPR .34" hole .88" Tall 70A |
| | Colson | EB-TPR-3.25-70A-BK | 03050.43 | End Bumper 3.25 OD Black Performa .34" hole .88" Tall 70A |
| | Colson | EB-TPR-1.75-70A-GY | 06901.01 | End Bumper 1.75 O.D. Gray TPR .25" Hole .5" Tall 70A |



Rolling Bumpers

Shape/Type + Material + Diameter + ID + Durometer + Color

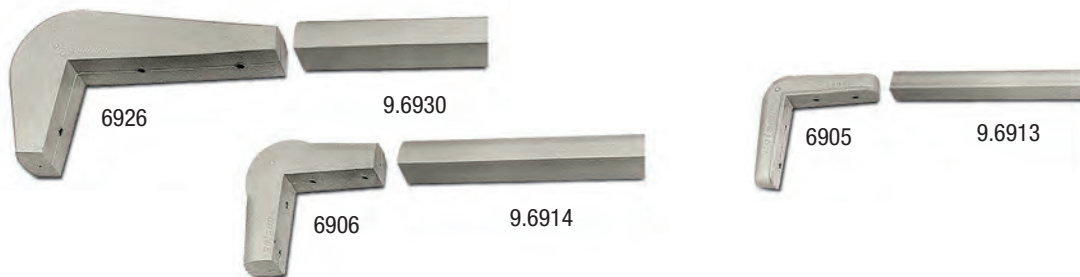
| | Brand | Part Description | Part Number | Product Details |
|--|--------|-----------------------------|-------------|------------------------------------|
|  | Colson | RB-PVC-5-.375-85A-GY | RB-5.06 | 5 in Rolling Bumper 3/8" ID insert |
| | Colson | RB-PVC-5-.50-85A-GY | RB-5-08 | 5 in Rolling Bumper 1/2" ID insert |
| | Colson | RB-PVC-5-.63-85A-GY | RB-5-10 | 5 in Rolling Bumper 5/8" ID insert |

Tubing Bumpers

Shape/Type + Material + Diameter + ID + Durometer + Color

| | Brand | Part Description | Part Number | Product Details |
|--|--------|------------------------------|-------------|---|
|  | Colson | TB-PVC-3.5x1R-85A-GY | TB3.5R | Tubing Bumper Round 3.5" diameter with 1" ID round hole |
|  | Colson | TB-PVC-3.5x1SQ-85A-GY | TB3.5S | Tubing Bumper Square 3.5" diameter with 1" ID square hole |

Corner and Strip Bumpers



Shape/Type+ Material + Dimensions+ Durometer+Color + Specify Length(if required)

| Brand | Part Description | Part Number | Product Details |
|--------|------------------------------------|-------------|--|
| Colson | CCB-PVC-6x3x1.5-85A-GY | 06926 | Corner Bumper 6 X 3 with pre drilled insert |
| Colson | SB-PVC-1.5-85A-GY-NI | 66930 | Bumper 1.50PVC Strip for 06926 without insert - 50 Feet |
| Colson | CCB-PVC-2.6x2.6x1.13-85A-GY | 06906 | Bumper-A Corner 2.6X2.6 with insert |
| Colson | SB-PVC-1.13-85A-GY-NI | 66914 | Bumper 1.13PVC Strip for 06906 without insert - 50 Feet |
| Colson | CCB-PVC-2.5x2.5x.75-85A-GY | 06905 | Bumper-A Corner 2.5X2.5 with insert |
| Colson | SB-PVC-.75-85A-GY-NI | 66913 | Bumper 0.75 PVC Strip for 06905 without insert - 50 Feet |

Sockets

| Part Number Description Codes | | | |
|-------------------------------|-------------|----------------------------|----------|
| Material | Shape | Fitting Type Compatibility | Tube ID |
| RT= Glass Filled Nylon | RD = Round | GN = Grip Neck Stem | (number) |
| PE= Polyethylene | SW = Square | GR = Grip Ring Stem | |

Round Tube Sockets



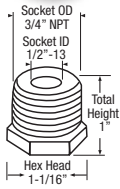
| Brand | Part Number | Part Description | Material | Tubing Gauge | Socket OD | Tube ID (Dia) | Compatible Grip Ring Fastening | Base Dimension | |
|----------|---------------|------------------|---|---|-----------|---------------|--|-----------------|----------------|
| Shepherd | 003027 | PERDGN-433 | Polyethylene | 9/16" 16 Gauge | 0.45 | 0.433 | 223, 211, 291, 273, GR01, GR02, GR10, GRS1, GRS2 | 0.94" diameter | |
| Shepherd | 002460 | PERDGR-870 | Polyethylene | 1" - 16 Gauge | 0.894 | 0.870 | | 1.25" diameter | |
| Shepherd | 002473 | PERDGR-902 | Polyethylene | 1" - 18 Gauge | 0.924 | 0.902 | | 1.25" diameter | |
| Shepherd | 43441 | PERDGR-767 | Polyethylene | Hole Required 0.767 - 0.855" | 0.807 | 0.767 | | 1.19" diameter | |
| Shepherd | 43446 | PERDGR-872 | Polyethylene | 1-1/16" - 13 Gauge | 0.894 | 0.872 | | 1.25" diameter | |
| Shepherd | 43447 | PERDGR-846 | Polyethylene | Hole Required 0.846 - 0.855" | 0.868 | 0.846 | | 1.25" diameter | |
| Shepherd | 43400 | RTRDGR-777 | Glass Filled Nylon | 7/8" - 18 Gauge | 0.782 | 0.777 | | 0.88" diameter | |
| Shepherd | 43401 | RTRDGR-872 | Glass Filled Nylon | 1-1/16" - 13 Gauge | 0.877 | 0.872 | | 1.06" diameter | |
| Shepherd | 43486 | PERDGR-904 | Polyethylene | 1" - 18 Gauge | 0.928 | 0.904 | | 1.25" diameter | |
| Shepherd | 43403 | RTRDGR-902 | Glass Filled Nylon | 1" - 18 Gauge | 0.907 | 0.902 | | 1.0" diameter | |
| Shepherd | 43404 | RTRDGR-1072 | Glass Filled Nylon | Hole Required 1.072" | 1.077 | 1.072 | | 1.25" diameter | |
| Shepherd | 43405 | RTRDGR-1120 | Glass Filled Nylon | 1-1/4" - 16 Gauge | 1.125 | 1.12 | | 1.25" diameter | |
| Shepherd | 43515 | RTRDGR-1131 | Glass Filled Nylon | Hole Required 1.310" | 1.315 | 1.1310 | | 1.5" diameter | |
| Shepherd | 43520 | RTRDGR-1490 | Glass Filled Nylon | Hole Required 1.49" | 1.50 | 1.49 | | 1.63" diameter | |
| Shepherd | 43481 | PERDGR-584 | Polyethylene | Hole Required 0.584 | 0.586 | 0.584 | | 0.84" diameter | |
| Shepherd | 38393 | STRDGR-600 | Steel | 0.687 - 17 Gauge | 0.595 | 0.6 | | 0.94" diameter | |
| Shepherd | 618659 | STRDGR-590 | Steel -Welded | Hole Required 0.59 x 1.5" | 0.577 | 0.59 | | 0.996" diameter | |
| Shepherd | 002255 | STRDGR-560x1150 | Steel - for Wood (0.25" screws to attach) | Hole Required 9/16 x 1.5" w/ 4 mounting holes 1/4" mounting screw | | | | | 2.13" diameter |
| Shepherd | 38372 | STRDGN-380x1630 | Steel - for Wood press to attach | Hole Required 3/8 x 1-5/8 | NA | NA | | 302 | 0.75" diameter |

Square Tube Sockets



| Brand | Part Number | Part Description | Material | Tubing Gauge | Socket OD | Tube ID (Dia) | Compatible Grip Ring Fastening | Base Dimension |
|----------|--------------|------------------|--------------------|-------------------|-----------|---------------|--|----------------|
| Shepherd | 42254 | SQRTGR-902A | Glass Filled Nylon | 1" - 18 Gauge | 0.916 | 0.902 | 223, 211, 291, 273, GR01, GR02, GR10, GRS1, GRS2 | 1.03" x 1.03" |
| Shepherd | 43530 | SQRTGR-657 | Glass Filled Nylon | .75" - 18 Gauge | 0.662 | 0.657 | | .75" x .75" |
| Shepherd | 43531 | SQRTGR-620 | Glass Filled Nylon | .75" - 16 Gauge | 0.620 | 0.62 | | .75" x .75" |
| Shepherd | 43484 | SQPEGR-870 | Polyethylene | 1" - 16 Gauge | 0.917 | 0.87 | | 1.13" x 1.13" |
| Shepherd | 43507 | SQRTGR-880 | Glass Filled Nylon | 1.03" - .080 wall | 0.892 | 0.88 | | 1.0" x 1.0" |
| Shepherd | 43491 | SQRTGR-902B | Glass Filled Nylon | 1" - 18 Gauge | 0.900 | 0.902 | | 1.13" x 1.13" |
| Shepherd | 43521 | SQRTGR-1152A | Glass Filled Nylon | 1.25" - 18 Gauge | 1.157 | 1.152 | | 1.28" x 1.28" |
| Shepherd | 43522 | SQRTGR-1152B | Glass Filled Nylon | 1.25" - 18 Gauge | 1.157 | 1.152 | | 1.53" x 1.53" |
| Shepherd | 43518 | SQRTGR-1140 | Glass Filled Nylon | 1.5" - 7 Gauge | 1.145 | 1.14 | | 1.53" x 1.53" |
| Shepherd | 43519 | SQRTGR-1402 | Glass Filled Nylon | 1.5" - 18 Gauge | 1.407 | 1.402 | | 1.53" x 1.53" |

Pipe Thread Socket



| Brand | Part Number | Note: | Material | Hex Head | Socket OD | Socket ID | Total Height |
|----------|--------------|--|----------|----------|-----------|-----------|--------------|
| Shepherd | 10003 | Works with any 741, 748, TS01, TS02, TS03 Stem | Steel | 1-1/16" | 3/4" NPT | 1/2"-13 | 1" |

Metal Tee Nut



| Brand | Part Number | Socket Number | Material | Hole Required | Compatible Grip Ring Fastening |
|----------|---------------|---------------|----------|---------------|--------------------------------|
| Shepherd | 002348 | Nut SBW33 | Steel | 3/8" | 525,532, 545, 507 |

Corner Bracket



| Brand | Part Number | Description | Material | Hole diameter x Height | Compatible Grip Ring Fastening |
|----------|------------------|------------------------------|------------------|------------------------|--|
| Shepherd | 003313-20 | 90° w/ 11/32" holes and tabs | Steel - unplated | 0.34 x 1.5" | 223, 211, 291, 273, GR01, GR02, GR10, GRS1, GRS2 |
| Shepherd | 003312-20 | 180°w/ 11/32" holes and tabs | Steel - unplated | 0.34 x 1.5" | |

Round and Square Nylon Expander kits



Round Tube

| MedCaster | Rhombus Expander | Dimensions | Type | Kit PN by Quantity (20pc and 50pc are Bulk Pack) Without Bolt | | | Kit Description | Bill of Materials Components | | | | |
|-------------|------------------|---------------------------|------------|---|----------|----------|-------------------------|------------------------------|----------|-------------|--------|-------|
| | | | | 1pc kit | 20pc kit | 50pc kit | | Expander | Top Cone | Bottom Cone | Washer | Nut |
| XRN1 | R66 | .70-.78" 17.8-19.7mm | Round Tube | 907170 | 907182 | 907194 | R66 - XRN1 Without Bolt | 09386 | 09327 | 09326 | 617099 | NA |
| XRN2 | R67 | .78-.85" 19.8-21.7mm | Round Tube | 907171 | 907183 | 907195 | R67 - XRN2 Without Bolt | 09387 | 09327 | 09326 | 617099 | NA |
| XRN3 | R68 | .86-.97" 21.8-24.7mm | Round Tube | 907172 | 907184 | 907196 | R68 - XRN3 Without Bolt | 09388 | 09328 | 09323 | 617099 | 09474 |
| XRN4 | R69 | .97-1.13" 24.8-28.7mm | Round Tube | 907173 | 907185 | 907197 | R69 - XRN4 Without Bolt | 09390 | 09315 | 09324 | 617099 | 09474 |
| XRN5 | R70 | 1.14-1.29" 28.8-32.7mm | Round Tube | 907174 | 907186 | 907198 | R70 - XRN5 Without Bolt | 09392 | 09316 | 09325 | 617099 | 09474 |

Requires M12 bolt for installation.



Square Tube

| MedCaster | Rhombus Expander | Dimensions | Type | Kit PN by Quantity (20pc and 50pc are Bulk Pack) Without Bolt | | | Kit Description | Bill of Materials Components | | | | |
|-------------|------------------|-------------------------------|-------------|---|----------|----------|-------------------------|------------------------------|----------|-------------|--------|----------------------|
| | | | | 1pc kit | 20pc kit | 50pc kit | | Expander | Top Cone | Bottom Cone | Washer | Nut |
| XSN1 | R71 | .75-.81" 19.04-20.62mm | Square Tube | 907175 | 907187 | 907199 | R71 - XSN1 Without Bolt | 09387 | 09327 | 09326 | 617099 | integrated into cone |
| XSN2 | R72 | .88-.94" 22.21-23.79mm | Square Tube | 907176 | 907188 | 907200 | R72 - XSN2 Without Bolt | 09389 | 09327 | 09326 | 617099 | integrated into cone |
| XSN3 | R73 | 1.0 - 1.06" 25.4-26.99mm | Square Tube | 907177 | 907189 | 907201 | R73 - XSN3 Without Bolt | 09389 | 09328 | 09323 | 617099 | 09474 |
| XSN5 | R75 | 1.25 - 1.31" 31.75-33.27mm | Square Tube | 907178 | 907190 | 907202 | R75 - XSN5 Without Bolt | 09391 | 09315 | 09324 | 617099 | 09474 |
| XSN6 | R76 | 1.38 - 1.44" 35.05-36.57mm | Square Tube | 907179 | 907191 | 907203 | R76 - XSN6 Without Bolt | 09391 | 09316 | 09325 | 617099 | 09474 |
| XSN7 | R77 | 1.5 - 1.56" 38.1-39.62mm | Square Tube | 907180 | 907192 | 907204 | R77 - XSN7 Without Bolt | 09393 | 09316 | 09325 | 617099 | 09474 |
| XSN9 | R79 | 1.63 - 1.69" 41.4-42.93mm | Square Tube | 907181 | 907193 | 907205 | R79 - XSN9 Without Bolt | 09394 | 09316 | 09325 | 617099 | 09474 |

Requires M12 bolt for installation.

Round Rubber Expanding Adapters for Round and Square Tubes



Round Tube

| MedCaster | Colson Expander | Dimensions | Kit Part Number | Bill of Materials Components | | | |
|-------------|-----------------|------------------------------|------------------------|------------------------------|-------------|----------|----------|
| | | | | Expander | Bottom Cone | Washer | Nut |
| XRR1 | MTG40 | .75-.81" (19.04-20.62mm) | 05502.40 + 1/2-13 Bolt | 57410.50 | 57410.29 | 57410.18 | 57410.01 |
| XRR2 | MTG41 | .88-.94" (22.21-23.79mm) | 05502.41 + 1/2-13 Bolt | 57410.51 | 57410.30 | 57410.18 | 57410.02 |
| XRR3 | MTG42 | 1.0 - 1.06" (25.4-26.99mm) | 05502.42 + 1/2-13 Bolt | 57410.52 | 57410.31 | 57410.18 | 57410.03 |
| XRR4 | MTG43 | 1.13 - 1.19" (28.7-30.23mm) | 05502.43 + 1/2-13 Bolt | 57410.53 | 57410.32 | 57430.00 | 57410.04 |
| XRR5 | MTG44 | 1.25 - 1.31" (31.75-33.27mm) | 05502.44 + 1/2-13 Bolt | 57410.54 | 57410.33 | 57410.19 | 57410.05 |
| XRR6 | MTG45 | 1.38 - 1.44" (35.05-36.57mm) | 05502.45 + 1/2-13 Bolt | 57410.55 | 57410.34 | 57410.20 | 57410.06 |
| XRR7 | MTG46 | 1.5 - 1.56" (38.1-39.62mm) | 05502.46 + 1/2-13 Bolt | 57410.56 | 57410.35 | 57410.38 | 57410.07 |
| XRR8 | MTG47 | 1.63 - 1.69" (41.4-42.93mm) | 05502.47 + 1/2-13 Bolt | 57410.57 | 57410.36 | 57410.38 | 57410.37 |



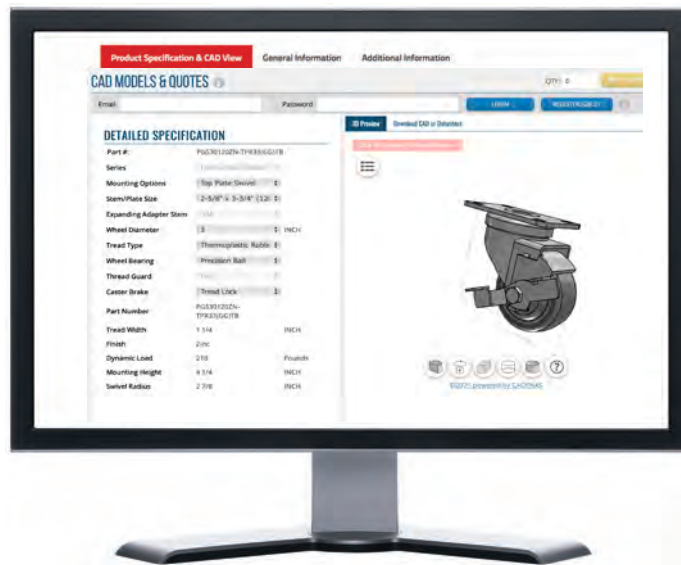
Square Tube

| MedCaster | Colson Expander | Dimensions | Kit Part Number | Bill of Materials Components | | | |
|-------------|-----------------|------------------------------|------------------------|------------------------------|-------------|----------|----------|
| | | | | Expander | Bottom Cone | Washer | Nut |
| XSR2 | MTG51 | .88-.94" (22.21-23.79mm) | 05502.51 + 1/2-13 Bolt | 57410.51 | 57410.30 | 57410.19 | 57410.02 |
| XSR3 | MTG52 | 1.0 - 1.06" (25.4-26.99mm) | 05502.52 + 1/2-13 Bolt | 57410.52 | 57410.31 | 57410.20 | 57410.03 |
| XSR4 | MTG53 | 1.13 - 1.19" (28.7-30.23mm) | 05502.53 + 1/2-13 Bolt | 57410.53 | 57410.32 | 57410.38 | 57410.04 |
| XSR5 | MTG54 | 1.25 - 1.31" (31.75-33.27mm) | 05502.54 + 1/2-13 Bolt | 57410.54 | 57410.33 | 57434 | 57410.05 |
| XSR6 | MTG55 | 1.38 - 1.44" (35.05-36.57mm) | 05502.55 + 1/2-13 Bolt | 57410.55 | 57410.34 | 57434 | 57410.06 |

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