

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 325 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 1/2"	52023.03	4 9/16"
4"	52023.04	4 5/8"
5"	52023.05	4 11/16"



2 Series Top Lock Brake

Capacity up to 325 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"

Kit includes solid axle.



2 Series Top Lock Brake (Stainless Steel)

Capacity up to 325 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 325 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"

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2 Series Directional Lock

Capacity to 325 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 Tech Lock® Brake (Stainless Steel)

Capacity up to 325 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 35.

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"



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, Trans-forma

*Includes Torrington-style roller bearing.

4 Series Stainless steel side lock brake kits: On one-piece Delrin bearing wheel models #05214.24; On roller bearing wheel models #05214.30. See pages 46-47.

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4 & 6 Series Enforcer Side Lock Brake

Capacity up to 1500 lbs each

This Side Lock brake is designed for Colson 4 & 6 Series Enforcer casters to accommodate a thicker leg. The brake places a positive locking force against the wheel hub to hold heavy loads securely. A larger foot pedal makes the brake easier to operate and provides better foot placement. The brake can be actuated from either end

of the pedal for greater convenience and is available on Colson 4 & 6 Series Enforcer casters with wheels that are roller or one-piece Delrin bearing equipped only. To order the brake with a caster, specify "BRK3" (see pages 50-51 and 54-55). To field install the brake, see kit numbers.

Wheel Dia.	Kit 1	Kit 2*	Swivel Radius
4"	05128.40	05128.42	4 3/4"
5"	05128.40	05128.42	5"
6"	05128.39	05128.41	6 1/8"
8"	05128.39	05128.41	6 1/2"

Brakes Work On These Wheels

Kit 1: Nylon, Moldon Polyurethane, Moldon Rubber, Steel, Phenolic

Kit 2: Performa, Polyolefin, Polyurethane HI-Tech, Endura, Maxim, Thermo, Trans-forma

*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 Top Lock Brake (Stainless Steel)

Capacity up to 1250 lbs each

Constructed of polished stainless steel, Colson's 3-piece 4 Series Stainless Steel Top Lock brake provides positive, reliable braking under a variety of harsh operating conditions. The brake is compatible

with 4 Series Stainless Steel swivel forks only. To order this brake with a caster, specify "BRK7" (see pages 46-47). To field install the Top Lock brake, see kit numbers.

Wheel Dia.	Kit Number	Swivel Radius
4"	05214.74	4 7/8"
5"	05214.75	5 1/8"
6"	05214.76	5"
8"	05214.78	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 42-47). 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"

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 42-47).

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 40-45, 50-55). 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



7 & 8 Series Enforcer® Tread Lock Brake

Capacity up to 4500 lbs each

This toe activated Tread Lock brake features positive engagement via a single rubber faced plate. It is available on 7 & 8 Series Enforcer casters, except on

V-Groove wheel models. To order with a caster, specify "BRK1" (see pages 58-61). To field install the brake, see kit numbers.

Wheel Dia.	Kit Number	7 & 8 Series Enforcer Swivel Radius*
6"	05329.99	8 3/4"
8"	05329.39	9 3/4"
10"	05329.40	10 3/4"
12"	05329.41	11 3/4"

*Standard load height only.