



Premium Quality



Environmentally Friendly

# 44

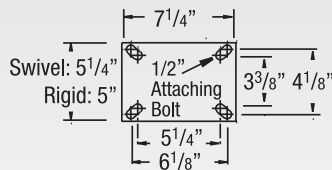
## Xtra Heavy Duty Spring-Loaded Kingpin Casters

CAPACITY TO 1500

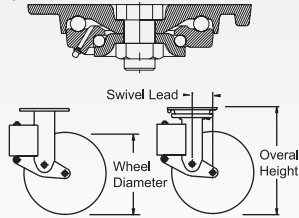


Designed with greater load capacity than our 40, 41, and 42 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

### MOUNTING OPTION



### SWIVEL CROSS SECTION



### TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

### 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

- **Neoprene sealed** swivel section specify **SS07**
- **Lubrication:** Zerk fitting in swivel section and in wheel hub for extended bearing life
- Available with **kingpinless** section, consult factory.
- Alternate or custom caster configurations available

### BRAKE OPTIONS

**Single Side and Double Sided** Brakes available, consult factory

**Swivel Lock** available (welded), consult factory

### BEARING OPTIONS



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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Base Caster Number+
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### Moldon Rubber on Cast Iron (01 Roller Bearing)\*

MR	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	10	3	1000	13 1/2	3	42 1/2	44MR10501
	12	3	1200	15 1/2	3	47 1/2	44MR12501

\*Tapered Roller (09) bearing available. To order change "01" to other bearing code. Example: 44MR10509.

### Pneumatic (01 Roller Bearing)\*

SF	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	12	4.10/6	445	17 1/2	4 1/2	40	44SF12701
	14	5.30/6	785	18 1/2	4 1/2	43	44SF14801
	16	4.80/6	1000	19 1/2	4 1/2	45 3/4	44SF16801

\*Tapered Roller (09) bearing available. To order change "01" to other bearing code. Example: 44SF10509.

### Polyurethane on Cast Iron (01 Roller Bearing)\*

PY	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	10	3	1500	13 1/2	3	48 1/2	44PY10501
	12	3	1500	15 1/2	3	56 1/4	44PY12501

\*Tapered Roller (09) bearing available. To order change "01" to other bearing code. Example: 44PY10509.

### Polyurethane on Cast Iron (01 Roller Bearing)\*

PY 80A	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	10	3	1500	13 1/2	3	48 1/2	44PY1050180A
	12	3	1500	15 1/2	3	56 1/4	44PY1250180A

To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 42PY08228R80A.

\*Tapered Roller (09) bearing available.

To order change "01" to other bearing code. Example: 44PY1050980A.

### Vulkollan on Cast Iron (01 Roller Bearing)\*

VY	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	10	3	1500	13 1/2	3	48 1/2	44VY10501
	12	3	1500	15 1/2	3	56 1/4	44VY12501

\*Tapered Roller (09) bearing available. To order change "01" to other bearing code. Example: 44VY10509.

### X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)\*

XP	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	10	3	1500	13 1/2	3	35	44XP10501

\*Tapered Roller (09) and Precision Ball (28) bearings available. To order change "01" to other bearing code. Example: 44XP10509.

### Trionix™ High Impact Polymer (28 Precision Ball Bearing)\*

NX	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	10	3	1500	13 1/2	3	35	44NX10528

\*Tapered Roller (09) bearing available. To order change "01" to other bearing code. Example: 44NX10509.

### Polyurethane on Aluminum (Flat Tread) (28 Precision Ball Bearing)\*

PD	Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Base Caster Number
	10	2 1/2	1500	13 1/2	3	38 1/2	44PD10428

\*Tapered Roller (09) bearing available. To order change "01" to other bearing code. Example: 44PD10509.