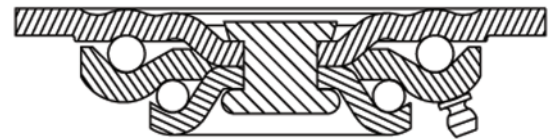


## CONSTRUCTION FEATURES

### Load Capacity Up to 500 lbs.

- Designed with the load in mind, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.
- 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

## RIG OPTIONS

<b>NS</b>	Neoprene Sealed Swivel Section
<b>ZF</b>	Hollow Axle
<b>SSB</b>	Single Side Brake
<b>DSB</b>	Double Side Brake
<b>SL</b>	Swivel Lock

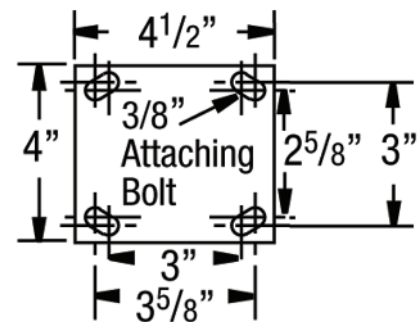
## Top Plate

**Top Plate:** 4" x 4-1/2"

**Bolt Hole Centers:** 2-5/8" x 3-5/8"

slotted to 3" x 3"

**Attaching Bolt:** 3/8"



## Typical Applications

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

## CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Bearing Part Number Add B, P, PL, R or T*
<b>Polyurethane / Cast Iron Core (PI) with Roller Bearing</b>							
	5	2	500	8	1-3/4	12	4-16SA-PI-R-0520-S
	6	2	500	8-1/2	1-3/4	13	4-16SA-PI-R-0620-S
	8	2	500	10-1/2	1-3/4	15	4-16SA-PI-R-0820-S
<b>Polyurethane / Aluminum Core / Flat Tread (PY/AL/FT) with Roller Bearing</b>							
	5	2	500	8	1-3/4	8	4-16SA-PY/AL/FT-R-0520-S
	6	2	500	8-1/2	1-3/4	9	4-16SA-PY/AL/FT-R-0620-S
	8	2	500	10-1/2	1-3/4	10	4-16SA-PY/AL/FT-R-0820-S
<b>Polyurethane / Aluminum Core / Donut Tread (PY/AL/DT) with Precision Ball Bearing</b>							
	5	2	500	8	1-3/4	11	4-16SA-PY/AL/DT-P-0520-S
	6	2	500	8-1/2	1-3/4	12-1/2	4-16SA-PY/AL/DT-P-0620-S
	8	2	500	10-1/2	1-3/4	13	4-16SA-PY/AL/DT-P-0820-S
<b>Polyurethane / Polypropylene Core (PY/PB) with Roller Bearing</b>							
	5	2	500	8	1-3/4	11	4-16SA-PY/PB-R-0520-S
	6	2	500	8-1/2	1-3/4	12-1/2	4-16SA-PY/PB-R-0620-S
	8	2	500	10-1/2	1-3/4	13	4-16SA-PY/PB-R-0820-S
<b>Extra Soft / Flat Tread (XS/FT) with Roller Bearing</b>							
	5	2	500	8	1-3/4	8	4-16SA-XS/FT-R-0520-S
	6	2	500	8-1/2	1-3/4	8-1/2	4-16SA-XS/FT-R-0620-S
	8	2	500	10-1/2	1-3/4	9-1/2	4-16SA-XS/FT-R-0820-S

\*Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-16SA-PB-R-0415-S becomes 4-16SA-PB-R-0415-R)

See Wheel Section 12 for other premium wheels to fit 2-1/2" hub length / 1/2" axle / nut.