

Precision Super Duty Casters

Series PSD — Cap. to 5,000 lbs.



The distinctive feature of these drop forged steel **Precision Super Duty** Casters is that *both* the secondary thrust bearing and main load bearing are precision-type, self-contained unit bearings for smoother swiveling under demanding loads. All forged steel wheels are machined with a slight crown to improve rollability and swiveling.

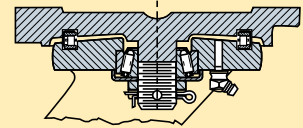
The term "precision" indicates that both the secondary thrust bearing and the main load bearing are precision-made, self-contained unit bearings—a design rarity in the commercial caster marketplace. It is not meant to imply that other caster dimensions are held to closer tolerances than normal in the industry.

OPTIONAL ACCESSORIES

- see pages 18 & 19.
- Swivel Locks - 2 or 4 position.
- Wheel Brakes (-ZB, -B).
- Wheel Bearing Seals.
- V-Grooved wheel models, see pg. 58.

QUALITY FEATURES:

Swivel Construction – ½" thick drop forged steel mounting plate; ⅜" x 3" plate steel legs robotically welded inside and out to forged steel horn base.



Kingpin – 1" dia. integrally forged with mounting plate and threaded for adjustable slotted nut and cotter pin.

Main Load Bearing – 5" dia. sealed precision unit thrust bearing assures longer life in continuous heavy duty applications.

Secondary Load Bearing – 1" precision tapered thrust bearing counteracts radial thrust.

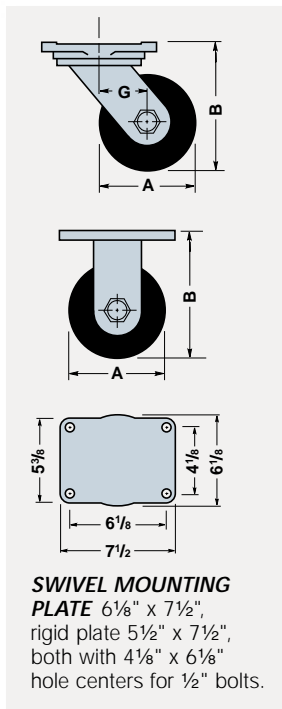
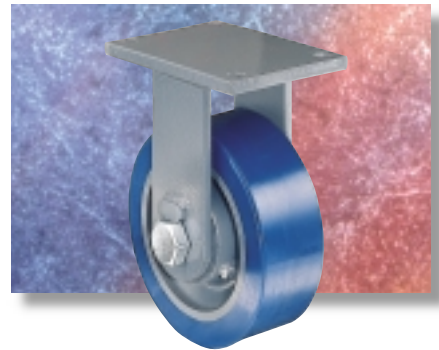
Axle – 1" dia. hex head with lock nut.

Wheel Bearings – 1" precision tapered bearings are well-suited for continuous or towing applications.

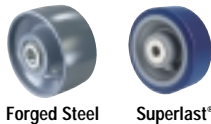
Lubrication Fittings – Ball-check type in swivel assembly and wheel hub.

#S-PSD-8FS
Swivel showing
Forged Steel wheel

#R-PSD-8SYT Rigid showing
Superlast® wheel



Wheel Types



★ = available for 1-2 day **PRONTO**® shipment.

Dimensions in Inches

Dia. A	Face	Wheel		Swivel Caster		Rigid Caster		Load Cap. Lbs.	Overall Height B	Swivel Offset G
		Type	Replacement Number	Catalog Number	Wt. Lbs.	Catalog Number	Wt. Lbs.			
6	3	Forged Steel	W-630-FST-1	★S-PSD-6FS	39	★R-PSD-6FS	33	4200*	8 1/2	2 1/4
8	3	Forged Steel	W-830-FST-1	★S-PSD-8FS	39	★R-PSD-8FS	33	4700*	10 1/2	2 1/4
		Superlast®	W-830-SYT-1	★S-PSD-8SYT	44	★R-PSD-8SYT	38	3500		
10	3	Forged Steel	W-1030-FST-1	★S-PSD-10FS	48	★R-PSD-10FS	41	5000*	12 1/2	2 1/4

* Capacity ratings are conservatively based on 2500 hours of wheel bearing life at 2 mph.