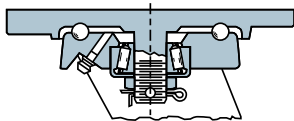


### Heavy Duty Ground Support Casters

#### QUALITY FEATURES

**Swivel Construction** – drop forged steel mounting plate and horn base. Legs  $\frac{3}{8}$ " thick welded inside and outside to horn base.



**Kingpin** – integrally forged with mounting plate. 1" diameter on all but the 21" model which has a  $1\frac{1}{4}$ " kingpin.

**Main Load Raceway** – large diameter raceway machined for hardened and polished steel balls. The 21" model uses Hamilton's HPI™ Swivel Technology.

**Secondary Load Bearing** – precision tapered thrust bearing counteracts radial thrust.

**Axle** – 1" axle on 14", 16" and 18" models; 21" models have  $1\frac{1}{4}$ " axle.

**Lubrication fittings** – Ball-check type in swivel assembly and in wheel hubs.

#### BRAKE CHOICES for more help, see page 20

- (-FCB [14", 16" & 18" models]), (-HB [16" & 18" models])

★ = same day/next day **PRONTO®** shipment.

Hamilton's new 7500 Series is the ultimate marriage of a truly heavy duty semi-pneumatic tire with Hamilton's premium forged steel swivel caster technology. This new series is ideally suited for heavy duty ground support applications. Available in four sizes, from 14" x 4" to 21" x 6", all wheels are equipped with  $1\frac{1}{4}$ " precision tapered roller bearings making them well suited for Ground Support towing applications.

The tires are comprised of three tread sections: a firm, stable base compound for strong rim adhesion; a very resilient middle section to dampen the shock of uneven rolling surfaces; and a tough low rolling resistance tread to reduce energy consumption. The result is a soft ride that compares with full pneumatic tires, but with much higher capacities than their air-filled cousins.

#### OPTIONAL ACCESSORIES Consult Factory

- Swivel Lock–4 position (-4SL)
- Dual Wheel versions for even higher capacities
- Gray Non-marking Tires
- Special Overall Height
- Zinc plating

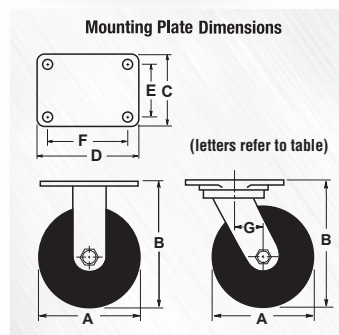
#### 7500 Series Selection Table

Wheel				Swivel Caster		Rigid Caster		Load Cap. Lbs.	Overall Height B♦	Swivel Offset G	Mounting Plate	
Nom. Dia. A	Tire Width	Tire Size	Replacement Number	Hamilton Model No.	Wt. Lbs.	Hamilton Model No.	Wt. Lbs.				Size CxD	Holes ExF
14	4	300 x 8	W-1440-SPRT-1¼	S-7514-SPRT	40	R-7514-SPRT	29	1500	17½	4½	6½ x 7½ (swivel)	4½ x 6½
16	5½	400 x 8	W-1650-SPRT-1¼	★ S-7516-SPRT	52	★ R-7516-SPRT	41	2900	18½	4½	5½ x 7½ (rigid)	
18	5½	500 x 8	W-1850-SPRT-1¼	S-7518-SPRT	71	R-7518-SPRT	61	3300	21	5	8½ x 8½	
21	6	600 x 9	W-2160-SPRT-1¼	S-7521-SPRT	106	R-7521-SPRT	89	4200	24	5	7 x 7	

♦ Approximate since O.D. of tires can vary, as will deflection with pressure and loading.



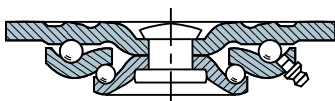
#S-7516-SPRT Swivel



### Cold Forged Pneumatic Casters

#### QUALITY FEATURES

**Swivel Construction** – formed steel mounting plate and horn base. Legs  $\frac{3}{8}$ " x 2" plate steel, contoured and continuously welded to horn base.



**Kingpin** – permanent rivet-type,  $\frac{5}{8}$ " diameter.

**Main and Secondary Load Bearings** – hardened and polished steel balls rotate in two heat treated raceways.

When you don't need the ruggedness of a forged steel pneumatic caster, this caster series is an ideal economical choice. The top plate matches the industry's most popular dimension and the cold-forged double ball race swivel construction assures long-lasting performance. All models are zinc plated and stocked for 1-2 day **PRONTO®** shipment.

#### OPTIONAL ACCESSORIES more help on page 13

- Foam Filled Wheels

#### BRAKE CHOICE for more help, see page 20

★-FB



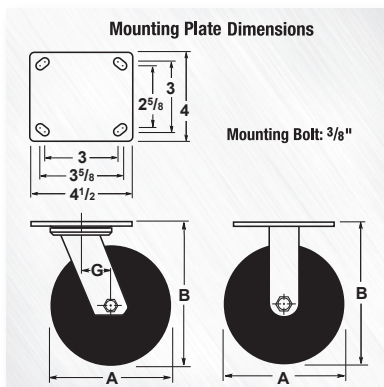
Side Foot Brake [8" & 10" only]

★ = same day/next day **PRONTO®** shipment.

Wheel				Swivel Caster		Rigid Caster		Load Cap. Lbs.	Overall Height B♦	Swivel Offset G
Nom. Dia. A	Tire Size	Replacement Number	Max. Air Pressure	Hamilton Model No.	Wt. Lbs.	Hamilton Model No.	Wt. Lbs.			
8	2.80/2.50-4	W-8-PR-¾	50	★ S-5208-PR	8¾	★ R-5208-PR	8½	320	11¼	2½
10	3.40/3.00-5	W-10-PR-¾	100	★ S-5210-PR	10¼	★ R-5210-PR	10	480	12½	2½
12	4.10/3.50-6	W-12-PR-½*	50	★ S-5212-PR	14¼	★ R-5212-PR	13½	500	15½	3½

♦ Approximate since O.D. of tires can vary, as will deflection with pressure and loading.

\* ½" ball bearing used in this wheel.



#S-5210-PR Swivel

#### 5000 Series Selection Table