

Workhorse Casters

Series WH — Cap. to 2,000 lbs.



The *Workhorse* combines the forged steel strength of Hamilton's *HS Caster Series* (page 33) and the bolt hole pattern of the *Standard Duty 52 Series* (page 40). The drop forged steel swivel caster construction includes a 3/4" diameter integrally forged steel kingpin (guaranteed for life!), and a precision secondary load bearing.

When your application is too tough for the *Standard Duty 52 Series*, but you need to match its specifications, *Workhorse* is up to the challenge.

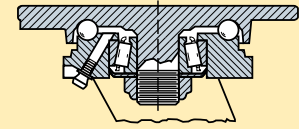
OPTIONAL ACCESSORIES

– see pages 18 & 19.

- Swivel Locks – 2 or ★ 4-position.
- Wheel Brakes (★-IB, -IRB, ★-ZB [except 3 1/4" & 4" models, not ★ with tapered bearings], -B).
- Wheel Bearing Seals.
- Sealed Swivel Assembly.
- Heat Treated Raceways.
- Spring Loaded Models (see page 46).

QUALITY FEATURES:

Swivel Construction – 1/4" thick drop forged steel mounting plate; 1/4" x 2" plate steel legs robotically welded inside and outside to forged steel horn base.



Kingpin – Sturdy 3/4" dia. integrally forged with mounting plate, threaded for lock nut.

Main Load Bearing – CNC-machined 2 9/16" diameter raceway; 3/8" diameter hardened and polished steel balls.

Secondary Load Bearing – 3/4" precision tapered thrust bearing counteracts radial thrust.

Wheel Bearings –

• **Precision Ball Bearings:** (superior rollability & no greasing required) rotate on (2) top hat spacers standard in *Duralast*®, *Poly-Soft*®, and *Unilast*® wheels.

• **Tapered Roller Bearings:** (best for towing and side thrust applications) available in *Duralast*®, *Poly-Soft*®, Forged Steel, & M.O. Rubber wheels.

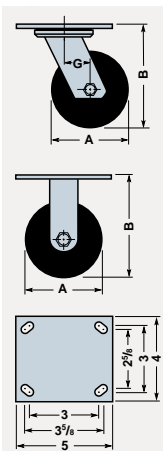
• **Straight Roller Bearings:** case hardened, rotate on steel spanner bushing.

Wheel Types



#S-WH-6D Swivel showing Duralast® wheel

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



SWIVEL MOUNTING PLATE 4" x 5", rigid plate 4" x 4 1/2", both with holes slotted 2 5/8" x 3 5/8" to 3" x 3" for 3/8" bolts.

Dia. A	Face	Wheel			Swivel Caster			Rigid Caster			Load Cap. Lbs.	Overall Height B	Swivel Offset G
		Type	Replacement Number #	Catalog No. Roller/Prec. BB	Catalog No. Tapered Brgs	Wt. Lbs.	Catalog No. Roller/Prec. BB	Catalog No. Tapered Brgs	Wt. Lbs.				
3 1/4"	2	Duralast®	W-320-D-3/4	★S-WH-3D	X	9	★R-WH-3D	X	6	575	5 1/4"	1 1/2"	
		Plastex	W-320-P-3/4	★S-WH-3P	X	7	★R-WH-3P	X	4	700			
4	1 1/2	Forged Steel	W-415-FS-3/4	★S-WH-4FS	X	11 1/2	★R-WH-4FS	X	8	1400	5 5/8"	1 1/2"	
		Duralast®*	W-420-DB-1/2	★S-WH-4DB	X	10 1/2	★R-WH-4DB	X	7	750			
	Metal*	W-420-M-3/4	★S-WH-4M	X	11	★R-WH-4M	X	8	1000				
	Plastex*	W-420-P-3/4	★S-WH-4P	X	8	★R-WH-4P	X	4 1/2	800				
	Poly-Soft®	W-420-SPB-1/2	★S-WH-4SPB	X	10 1/2	★R-WH-4SPB	X	7	600				
	M.O. Rubber*	W-420-R-3/4	★S-WH-4R	X	10	★R-WH-4R	X	6 1/2	300				
	Unilast®	W-420-UYB-1/2	★S-WH-4UYB	X	9 1/4	★R-WH-4UYB	X	5 3/4	750				
5	2	Duralast®	W-520-DB-1/2	★S-WH-5DB	★S-WH-5DT	11	★R-WH-5DB	★R-WH-5DT	7 1/2	1050	6 1/2"	1 3/4"	
		Forged Steel	W-5-FS-3/4	★S-WH-5FS	S-WH-5FST	14	★R-WH-5FS	R-WH-5FST	11	1500			
	Metal	W-520-M-3/4	★S-WH-5M	X	12	★R-WH-5M	X	8 1/2	1300				
	Plastex	W-520-P-3/4	★S-WH-5P	X	9 1/2	★R-WH-5P	X	6	1000				
	Poly-Soft®	W-520-SPB-1/2	★S-WH-5SPB	★S-WH-5SPT	11	★R-WH-5SPB	★R-WH-5SPT	7 1/2	840				
	M.O. Rubber	W-520-R-3/4	★S-WH-5R	X	11	★R-WH-5R	X	7 1/2	350				
	Unilast®	W-520-UYB-1/2	★S-WH-5UYB	X	8 1/4	★R-WH-5UYB	X	4 3/4	900				
6	2	Duralast®	W-620-DB-1/2	★S-WH-6DB	★S-WH-6DT	13 1/2	★R-WH-6DB	★R-WH-6DT	10	1200	7 1/2"	1 5/8"	
		Forged Steel	W-620-FS-3/4	★S-WH-6FS	S-WH-6FST	15	★R-WH-6FS	R-WH-6FST	11 1/2	2000			
	Metal	W-620-M-3/4	★S-WH-6M	X	14	★R-WH-6M	X	10 1/2	1400				
	Plastex	W-620-P-3/4	★S-WH-6P	X	10 1/2	★R-WH-6P	X	7	1200				
	Polyplast™	W-622-AYB-1/2	★S-WH-62AYB	X	10	★R-WH-62AYB	X	8	1200				
	Poly-Soft®	W-620-SPB-1/2	★S-WH-6SPB	★S-WH-6SPT	13 1/2	★R-WH-6SPB	★R-WH-6SPT	10	960				
	M.O. Rubber	W-620-R-3/4	★S-WH-6R	S-WH-6RT	12	★R-WH-6R	R-WH-6RT	8 1/2	410				
Unilast®	W-620-UYB-1/2	★S-WH-6UYB	X	9 3/4	★R-WH-6UYB	X	6 1/4	1100					
8	2	Duralast®	W-820-DB-1/2	★S-WH-8DB	★S-WH-8DT	17	★R-WH-8DB	★R-WH-8DT	13 1/2	1500	9 1/2"	2 1/4"	
		Plastex	W-820-P-3/4	★S-WH-8P	X	11 1/2	★R-WH-8P	X	8	1400			
	Polyplast™	W-822-AYB-1/2	★S-WH-82AYB	X	14 1/2	★R-WH-82AYB	X	10	1700				
	Poly-Soft®	W-820-SPB-1/2	★S-WH-8SPB	★S-WH-8SPT	17	★R-WH-8SPB	★R-WH-8SPT	13 1/2	1200				
	M.O. Rubber	W-820-R-3/4	★S-WH-8R	S-WH-8RT	14 1/2	★R-WH-8R	R-WH-8RT	11	500				
	Unilast®	W-820-UYB-1/2	★S-WH-8UYB	X	10 1/2	★R-WH-8UYB	X	7	1500				
		Metal	W-820-M-3/4	★S-WH-8M	S-WH-8MT	18 1/2	★R-WH-8M	R-WH-8MT	15 1/2	1500			

Dimensions in Inches

* This wheel lubricated through lube axle.

‡ With straight roller or precision ball bearings. For catalog number of corresponding tapered bearing wheels, consult factory.