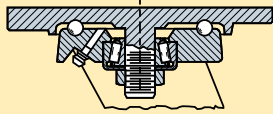


### QUALITY FEATURES:

**Swivel Construction** — 5/16" thick drop forged steel mounting plate (rigid plate 1/4" thick); 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 (guaranteed for life!).

**Main Load Bearing** — CNC-machined 3 1/4" diameter raceway; 3/8" diameter hardened and polished steel balls.

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

**Axle** — 1/2" dia. hex head with lock nut.

**Wheel Bearings** —

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

- **Tapered Roller Bearings:** best for towing and side thrust applications.

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

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

Hamilton's *Heavy Service* Casters are the toughest casters you can buy in the 2" wide wheel class because of their premium drop forged steel construction. Popularity of this series continues to grow due to the comprehensive range of wheel types, sizes and optional extras available, including heat-treated raceways and dual-wheel models.

### OPTIONAL ACCESSORIES

— see pages 18 & 19.

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



### Wheel Types



Duralast® Forged Steel Metal Plastex Polyplast™ Poly-Soft® M.O. Rubber Unilast®

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

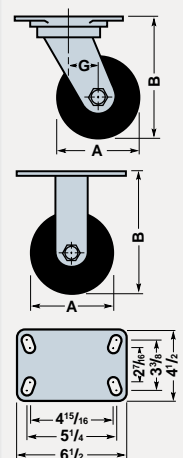
Dimensions in Inches

Wheel				Swivel Caster			Rigid Caster			Load Cap. Lbs.	Overall Height B	Swivel Offset G
Dia. A	Face	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-HS-3D	X	10	★R-HS-3D	X	6	575	5 1/4	1 3/4
		Plastex*	W-320-P-3/4	★S-HS-3P	X	8	★R-HS-3P	X	4	700		
4	2	Forged Steel	W-415-FS-3/4	★S-HS-4FS	X	12 1/2	★R-HS-4FS	X	9	1400	5 5/8	1 3/4
		Duralast®	W-420-DB-1/2	★S-HS-4DB	X	11 1/2	★R-HS-4DB	X	8	750		
		Metal*	W-420-M-3/4	★S-HS-4M	X	11	★R-HS-4M	X	7 1/2	1000		
		Plastex*	W-420-P-3/4	★S-HS-4P	X	8 1/2	★R-HS-4P	X	5	800		
		Poly-Soft®	W-420-SPB-1/2	★S-HS-4SPB	X	11 1/2	★R-HS-4SPB	X	7	600		
		M.O. Rubber*	W-420-R-3/4	★S-HS-4R	X	10 1/2	★R-HS-4R	X	6 3/4	300		
		Unilast®	W-420-UYB-1/2	★S-HS-4UYB	X	10 1/4	★R-HS-4UYB	X	8	750		
5	2	Duralast®	W-520-DB-1/2	★S-HS-5DB	★S-HS-5DT	12	★R-HS-5DB	★R-HS-5DT	8	1050	6 3/8	2
		Forged Steel	W-5-FS-3/4	★S-HS-5FS	S-HS-5FST	15	★R-HS-5FS	R-HS-5FST	9 1/2	1500		
		Metal	W-520-M-3/4	★S-HS-5M	X	14	★R-HS-5M	X	8 1/2	1300		
		Plastex	W-520-P-3/4	★S-HS-5P	X	9 1/2	★R-HS-5P	X	5 1/2	1000		
		Poly-Soft®	W-520-SPB-1/2	★S-HS-5SPB	★S-HS-5SPT	12	★R-HS-5SPB	★R-HS-5SPT	8	840		
		M.O. Rubber	W-520-R-3/4	★S-HS-5R	X	11	★R-HS-5R	X	7	350		
		Unilast®	W-520-UYB-1/2	★S-HS-5UYB	X	9 1/4	★R-HS-5UYB	X	5 1/4	900		
6	2	Duralast®	W-620-DB-1/2	★S-HS-6DB	★S-HS-6DT	13	★R-HS-6DB	★R-HS-6DT	9 1/2	1200	7 3/8	2 1/4
		Forged Steel	W-620-FS-3/4	★S-HS-6FS	S-HS-6FST	16 1/2	★R-HS-6FS	R-HS-6FST	12	2000		
		Metal	W-620-M-3/4	★S-HS-6M	X	15	★R-HS-6M	X	10 1/2	1400		
		Plastex	W-620-P-3/4	★S-HS-6P	X	10 1/2	★R-HS-6P	X	7	1200		
		Polyplast™	W-622-AYB-1/2	★S-HS-62AYB	X	11	★R-HS-62AYB	X	9	1200		
		Poly-Soft®	W-620-SPB-1/2	★S-HS-6SPB	★S-HS-6SPT	13	★R-HS-6SPB	★R-HS-6SPT	9 1/2	960		
		M.O. Rubber	W-620-R-3/4	★S-HS-6R	S-HS-6RT	12	★R-HS-6R	R-HS-6RT	8 1/2	410		
8	2	Unilast®	W-620-UYB-1/2	★S-HS-6UYB	X	9 1/4	★R-HS-6UYB	X	5 3/4	1100		
		Duralast®	W-820-DB-1/2	★S-HS-8DB	★S-HS-8DT	17	★R-HS-8DB	★R-HS-8DT	13 1/2	1500	9 3/8	2 3/4
		Plastex	W-820-P-3/4	★S-HS-8P	X	12	★R-HS-8P	X	8 1/2	1400		
		Polyplast™	W-822-AYB-1/2	★S-HS-82AYB	X	12	★R-HS-82AYB	X	10 1/2	1700		
		Poly-Soft®	W-820-SPB-1/2	★S-HS-8SPB	★S-HS-8SPT	17	★R-HS-8SPB	★R-HS-8SPT	13 1/2	1200		
		M.O. Rubber	W-820-R-3/4	★S-HS-8R	S-HS-8RT	15	★R-HS-8R	R-HS-8RT	11 1/2	500		
		Unilast®	W-820-UYB-1/2	★S-HS-8UYB	X	10 1/2	★R-HS-8UYB	X	7	1500		
		Metal	W-820-M-3/4	★S-HS-8M	S-HS-8MT	19	★R-HS-8M	R-HS-8MT	15 1/2	1500		

\* This wheel lubricated through lube axle.

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

Visit [www.HamiltonCaster.com](http://www.HamiltonCaster.com)



### MOUNTING PLATE

4 1/2" x 6 1/2" with holes slotted 2 7/16" x 4 15/16" to 3 3/8" x 5 1/4" for 1/2" bolts.