

# Medium Service Casters

## Series MS — Cap. to 900 lbs.



Medium Service Series casters, differentiated by the 5" x 5½" top plate, are proven performers in Hamilton's 900 lb. class offerings. These rugged, yet economical casters accommodate a wide selection of 2" face wheels. Improvements to the MS Series include the addition of the **Poly-Soft**® wheel type (a high performing 82A durometer polyurethane on cast iron), precision ball bearings now standard in **Duralast**®, **Unilast**™, & new **Poly-Soft**® wheels, and a new tread contact brake (-ZB).

#S-MS-6NF  
Swivel showing  
Poly-Tech® wheel

**QUALITY FEATURES:**

**Swivel Construction** – cold forged steel mounting plate and horn base. Legs ¼" plate steel, formed for increased strength and continuously welded to horn base.

**Kingpin** – permanent rivet type, 5/8" diameter heat treated steel.

**Main and Secondary Load Bearings** – hardened and polished steel balls rotate in two smoothly coined, case hardened raceways.

**Axle** – ½" diameter bolt with lock nut.

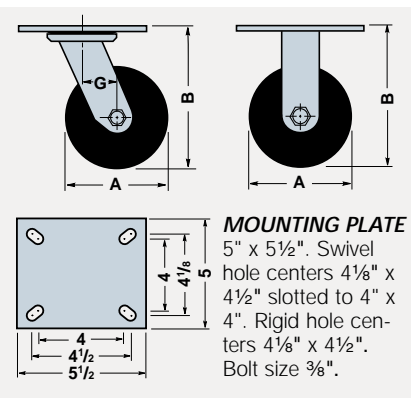
**Lubrication Fittings** – in swivel assembly and to roller bearings in most wheels.

**Wheel Bearings –**

- **Precision Ball Bearings:** (superior rollability & no greasing required) rotate on (2) 17mm O.D. x ½" I.D. x 1 3/16" long top hat spanners (**Duralast**®, **Poly-Soft**®, and **Unilast**™).
- **Straight Roller Bearings:** case hardened, rotate on ¾" O.D. x ½" I.D. x 2 ½" long hardened and ground steel spanner bushing, (Metal, Plastex, **Poly-Tech**®, M.O. Rubber, & **Versa-Tech**®).
- **Delrin® Bearings (Aqualite®).**

**OPTIONAL ACCESSORIES**  
– see pages 18 & 19.

- Swivel Lock, ★ 4-position, for 6" models only.
- Wheel Brakes (★ -CB, ★ -FB, -FRB, ★ -ZB, -B).
- Wheel Bearing Seals.
- ★ Sealed Swivel Assembly.
- Thread Guards, for most models.



### 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.			
5	2	Aqualite®	W-520-AZ-¾	★ S-MS-5AZ	6	★ R-MS-5AZ	5	650	6½	1%
		Duralast®	W-520-DB-½	★ S-MS-5DB	9	★ R-MS-5DB	8	900		
		Ebonite*	W-520-EH-¾	★ S-MS-5E	7	★ R-MS-5E	6	550		
		Metal	W-520-M-¾	★ S-MS-5M	9½	★ R-MS-5M	8½	900		
		Plastex	W-520-P-¾	★ S-MS-5P	7	★ R-MS-5P	6	900		
		Poly-Soft®	W-520-SPB-½	★ S-MS-5SPB	9¼	★ R-MS-5SPB	8¼	840		
		Poly-Tech®*	W-520-NF-¾	★ S-MS-5NF	6½	★ R-MS-5NF	5¼	900		
		M.O. Rubber	W-520-R-¾	★ S-MS-5R	8½	★ R-MS-5R	7½	350		
		Unilast™	W-520-UYB-½	★ S-MS-5UYB	6½	★ R-MS-5UYB	5½	900		
		Versa-Tech®*	W-520-TE-¾	★ S-MS-5TE	6¼	★ R-MS-5TE	5¼	350		
6	2	Aqualite®	W-620-AZ-¾	★ S-MS-6AZ	6¾	★ R-MS-6AZ	5½	750	7½	1%
		Duralast®	W-620-DB-½	★ S-MS-6DB	10¾	★ R-MS-6DB	9½	900		
		Ebonite*	W-620-EH-¾	★ S-MS-6E	8	★ R-MS-6E	6¾	650		
		Metal	W-620-M-¾	★ S-MS-6M	10¾	★ R-MS-6M	9½	900		
		Plastex	W-620-P-¾	★ S-MS-6P	8	★ R-MS-6P	6¾	900		
		Poly-Soft®	W-620-SPB-½	★ S-MS-6SPB	10½	★ R-MS-6SPB	9½	900		
		Poly-Tech®*	W-620-NF-¾	★ S-MS-6NF	7¼	★ R-MS-6NF	6	900		
		M.O. Rubber	W-620-R-¾	★ S-MS-6R	9¾	★ R-MS-6R	8½	410		
		Unilast™	W-620-UYB-½	★ S-MS-6UYB	6¾	★ R-MS-6UYB	5¾	900		
		Versa-Tech®*	W-620-TE-¾	★ S-MS-6TE	7	★ R-MS-6TE	5¾	410		
8	2	Aqualite®	W-820-AZ-¾	★ S-MS-8AZ	7½	★ R-MS-8AZ	6¾	900	9½	2%
		Duralast®	W-820-DB-½	★ S-MS-8DB	13¾	★ R-MS-8DB	13	900		
		Metal	W-820-M-¾	★ S-MS-8M	13	★ R-MS-8M	12¼	900		
		Plastex	W-820-P-¾	★ S-MS-8P	8¾	★ R-MS-8P	8	900		
		Poly-Soft®	W-820-SPB-½	★ S-MS-8SPB	14¼	★ R-MS-8SPB	13¼	900		
		Poly-Tech®*	W-820-NF-¾	★ S-MS-8NF	8¼	★ R-MS-8NF	7½	900		
		M.O. Rubber	W-820-R-¾	★ S-MS-8R	12½	★ R-MS-8R	11¾	500		
		Unilast™	W-820-UYB-½	★ S-MS-8UYB	7¾	★ R-MS-8UYB	6¾	900		
		Versa-Tech®*	W-820-TE-¾	★ S-MS-8TE	8	★ R-MS-8TE	7¼	500		

\* These wheels lubricated through lube axle.