

Series GS is constructed from swivel parts "cold forged" under a 1,000 ton press, a process that rearranges the molecular structure of the steel to provide greater density at points of stress. Mirror-smooth double ball raceways are the result of coining under extreme pressure, and then hardening for long life. Zinc plated finish is standard on all GS swivel and rigid rigs.

Improvements to the GS 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).

OPTIONAL ACCESSORIES

– see pages 18 & 19.

- Wheel Brakes (★-CB [on 4" models and larger], ★-FB [on 5" models and larger], ★-ZB [on 5" models and larger], -FRB [except 3¼" models], -B).
- Wheel Bearing Seals.
- ★ Sealed Swivel Assembly.
- Thread Guards, for most models.

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



Wheel Types



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

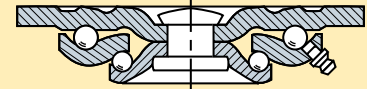
Dimensions in Inches

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.			
3¼	2	Duralast®*	W-320-D-¾	★ S-GS-3D	7	★ R-GS-3D	6	575	5¼	1½
		Plastex*	W-320-P-¾	★ S-GS-3P	6	★ R-GS-3P	5	700		
4	2	Aqualite®	W-420-AZ-¾	★ S-GS-4AZ	4¼	★ R-GS-4AZ	3¾	550	5½	1½
		Duralast®	W-420-DB-½	★ S-GS-4DB	7½	★ R-GS-4DB	7	750		
		Metal	W-420-M-¾	★ S-GS-4M	6¾	★ R-GS-4M	6¼	900		
		Plastex*	W-420-P-¾	★ S-GS-4P	5	★ R-GS-4P	4½	800		
		Poly-Soft®	W-420-SPB-½	★ S-GS-4SPB	7½	★ R-GS-4SPB	7	600		
		Poly-Tech®*	W-420-NF-¾	★ S-GS-4NF	6	★ R-GS-4NF	5	750		
		M.O. Rubber*	W-420-R-¾	★ S-GS-4R	7	★ R-GS-4R	6½	300		
		Unilast®	W-420-UYB-½	★ S-GS-4UYB	6¼	★ R-GS-4UYB	5¼	750		
		Versa-Tech®*	W-420-TE-¾	★ S-GS-4TE	5¾	★ R-GS-4TE	4¾	300		
		5	2	Aqualite®	W-520-AZ-¾	★ S-GS-5AZ	5¾	★ R-GS-5AZ		
Duralast®	W-520-DB-½			★ S-GS-5DB	9¼	★ R-GS-5DB	8¾	900		
Flexonite*	W-520-FH-¾			★ S-GS-5F	6¾	★ R-GS-5F	5¾	325		
Metal	W-520-M-¾			★ S-GS-5M	9¾	★ R-GS-5M	8¾	900		
Plastex	W-520-P-¾			★ S-GS-5P	6¾	★ R-GS-5P	5¾	900		
Poly-Soft®	W-520-SPB-½			★ S-GS-5SPB	9¼	★ R-GS-5SPB	8¼	840		
Poly-Tech®*	W-520-NF-¾			★ S-GS-5NF	6¼	★ R-GS-5NF	5¼	900		
M.O. Rubber	W-520-R-¾			★ S-GS-5R	8¾	★ R-GS-5R	7¾	350		
Unilast®	W-520-UYB-½			★ S-GS-5UYB	6½	★ R-GS-5UYB	5½	900		
Versa-Tech®*	W-520-TE-¾			★ S-GS-5TE	6	★ R-GS-5TE	5	350		
6	2	Aqualite®	W-620-AZ-¾	★ S-GS-6AZ	6	★ R-GS-6AZ	5	750	7½	2
		Duralast®	W-620-DB-½	★ S-GS-6DB	10½	★ R-GS-6DB	9½	900		
		Ebonite*	W-620-EH-¾	★ S-GS-6E	7½	★ R-GS-6E	6½	400		
		Metal	W-620-M-¾	★ S-GS-6M	10½	★ R-GS-6M	9½	900		
		Plastex	W-620-P-¾	★ S-GS-6P	7½	★ R-GS-6P	6½	900		
		Poly-Soft®	W-620-SPB-½	★ S-GS-6SPB	10½	★ R-GS-6SPB	9½	900		
		Poly-Tech®*	W-620-NF-¾	★ S-GS-6NF	6½	★ R-GS-6NF	5½	900		
		M.O. Rubber	W-620-R-¾	★ S-GS-6R	9½	★ R-GS-6R	8½	410		
		Unilast®	W-620-UYB-½	★ S-GS-6UYB	6¾	★ R-GS-6UYB	5¾	900		
		Versa-Tech®*	W-620-TE-¾	★ S-GS-6TE	6¼	★ R-GS-6TE	5¼	410		
8	2	Aqualite®	W-820-AZ-¾	★ S-GS-8AZ	7¼	★ R-GS-8AZ	6¼	900	9½	2¾
		Duralast®	W-820-DB-½	★ S-GS-8DB	14¼	★ R-GS-8DB	13¼	900		
		Metal	W-820-M-¾	★ S-GS-8M	13¼	★ R-GS-8M	12¼	900		
		Plastex	W-820-P-¾	★ S-GS-8P	9¼	★ R-GS-8P	8¼	900		
		Poly-Soft®	W-820-SPB-½	★ S-GS-8SPB	14¼	★ R-GS-8SPB	13¼	900		
		Poly-Tech®*	W-820-NF-¾	★ S-GS-8NF	7¾	★ R-GS-8NF	6¾	900		
		M.O. Rubber	W-820-R-¾	★ S-GS-8R	12¼	★ R-GS-8R	11¼	500		
		Unilast®	W-820-UYB-½	★ S-GS-8UYB	7¾	★ R-GS-8UYB	6¾	900		
		Versa-Tech®*	W-820-TE-¾	★ S-GS-8TE	7¼	★ R-GS-8TE	6¼	500		

* These wheels lubricated through lube axle.

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, ⅝" diameter heat treated steel.

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

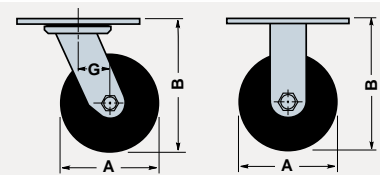
Axle – ½" diameter bolt with lock nut.

Wheel Bearings –

- **Precision Ball Bearings:** (superior rollability & no greasing required) rotate on (2) 17mm O.D. x ½" I.D. x 1⅜" long top hat spacers (Duralast®, Poly-Soft®, and Unilast®).

- **Straight Roller Bearings:** case hardened, rotate on ¾" O.D. x ½" I.D. x 2½" long hardened and ground steel spanner bushing, (Metal, Plastex, Poly-Tech®, M.O. Rubber, & Versa-Tech®).
- **Delrin® Bearings (Aqualite®).**

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



MOUNTING PLATE
4½" x 6¼" (swivel and rigid). Holes slotted 2⅞" x 4⅜" to 3⅞" x 5¼". Bolt size ½"