



S81 Series

Stainless Steel Top Plate

Capacity to 1,250 pounds each

Polished grade 304 stainless steel designed to prevent rust and corrosion in the most demanding wet, damp and corrosive environments. Stainless steel is impervious to repeated washings, thereby reducing maintenance and providing longer caster life. All component metal parts including ball bearings, axle, nut, and spanner bushing are stainless steel.

FEATURES

- ✓ **Finish:** Stainless steel
- ✓ **Design:** Stainless steel top plate and fork legs, case hardened for strength.
- ✓ **Swivel Construction:** stainless steel grade 440 ball bearings with hardened double raceway construction. Bearings are magnetic.
- ✓ **Axle:** 1/2" diameter stainless steel bolt with lock nut with zerk in raceway.
- ✓ **King Pin:** 5/8" stainless steel rivet, hydraulically upset.
- ✓ **Fork Leg Spacing:** 2-1/2"
- ✓ **Grease Temperature Range:** -45°F to +260°F

CASTER OPTIONS

- ✓ **VertiLoc® Brake:** stainless steel construction; to order, add "VL" to end of model number. 
- ✓ **Swivel Lock / Bolt-On:** Field installable 4- position stainless steel swivel lock. 
- To order specify swivel lock number **3091-17**. See page 92 for details.
- ✓ **Stainless Steel Roller Bearing:** to order, add "SRB" to end of model number (Example: 6-S81-320GF SRB).
- ✓ **Swivel Grease Seal:** To order, add "GS" to end of model number. 
- ✓ **Thread Guards:** See page 94 for thread guard availability.



6-S82-531
(shown in photo)

6-S81-320GF
(shown in photo)

MOUNTING

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
4" x 4 -1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"

WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	2	ADVANTAGE TPR / FLAT	DELIRIN	375	5-S81-320GF	5-S82-320GF	5-1/2	6 1/2	4 5/16
		ADVANTAGE HEALTH	ROLLER	375	5-S81-220MF	5-S82-220MF	5-1/2		
		POLYOLEFIN	PLAIN	650	5-S81-531	5-S82-531	5-1/2		
		POLYLOC / BLUE	DELIRIN	700	5-S81-320P	5-S82-320P	5-1/2		
		MOLDON POLYURETHANE / ALUM. CORE	DELIRIN	900	5-S81-721	5-S82-721	5-1/2		
		SOLID ELASTOMER	DELIRIN	1,000	5-S81-761	5-S82-761	5-1/2		
		PHENOLIC	PLAIN	1,000	5-S81-122	5-S82-122	5-1/2		
6	2	ADVANTAGE TPR / ROUND	DELIRIN	450	6-S81-320GD	6-S82-320GD	6-1/2	7-1/2	5-1/16
		ADVANTAGE TPR / FLAT	DELIRIN	600	6-S81-320GF	6-S82-320GF	6-1/2		
		ADVANTAGE HEALTH	ROLLER	375	6-S81-220MF	6-S82-220MF	6-1/2		
		POLYOLEFIN	PLAIN	700	6-S81-531	6-S82-531	6-1/2		
		POLYLOC / BLUE	DELIRIN	800	6-S81-320P	6-S82-320P	6-1/2		
		MOLDON POLYURETHANE / ALUM. CORE	DELIRIN	900	6-S81-721	6-S82-721	6-1/2		
		SOLID ELASTOMER	DELIRIN	1,100	6-S81-761	6-S82-761	6-1/2		
		PHENOLIC	PLAIN	1,200	6-S81-122	6-S82-122	6-1/2		
		TRITON	ROLLER	1,250	6-S81-535T RB	6-S82-535T RB	6-1/2		
8	2	ADVANTAGE TPR / ROUND	DELIRIN	450	8-S81-320GD	8-S82-320GD	8	9-1/2	6-1/2
		ADVANTAGE TPR / FLAT	DELIRIN	675	8-S81-320GF	8-S82-320GF	8		
		ADVANTAGE HEALTH	DELIRIN	675	8-S81-220MF	8-S82-220MF	8		
		POLYOLEFIN	PLAIN	900	8-S81-531	8-S82-531	8		
		POLYLOC / BLUE	DELIRIN	1,000	8-S81-320P	8-S82-320P	8		
		SOLID ELASTOMER	DELIRIN	1,200	8-S81-761	8-S82-761	8		
		MOLDON POLYURETHANE / ALUM. CORE	DELIRIN	1,200	8-S81-721	8-S82-721	8		
		PHENOLIC	PLAIN	1,250	8-S81-122	8-S82-122	8		