

81 Series

Swivel & Rigid Top Plate

Capacity to 1,250 pounds each

FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** fork legs formed from 1/4" thick steel
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 1/2" diameter.
- ✓ **King Pin:** 5/8" steel rivet, hydraulically upset.
- ✓ **Zerk Grease Fitting:** swivel raceway.
- ✓ **Fork Leg Spacing:** 2-1/2"

CASTER OPTIONS

- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number.
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number.
- ✓ **SideLock Brake:** to order, add "SLB" to end of model number.
- ✓ **Swivel Lock / Bolt-On:** Field installable swivel lock available in 1-position, 2-position or 4-positions. See page 93 for details.
- ✓ **Swivel Lock / Pull Ring (Welded):** Factory installed only—spring loaded plunger locks swivel in 4-positions at 90° intervals. When disengaged caster swivels freely. To order add "SL4" to end of model number. See page 93 for details.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid): to order, add Plate Mounting Code to end of model number. (Example: 5-81-220GF PLT 1)

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

WHEEL OPTIONS



MOLDON RUBBER / ALUM. CORE



MOLDON RUBBER / CAST IRON CORE



ADVANTAGE TPR / FLAT



ADVANTAGE TPR / ROUND



HIGH MODULUS RUBBER DONUT



POLYLOC / GREY



POLYLOC / BLUE



MOLDON POLYURETHANE / ALUM. CORE



MOLDON POLYURETHANE / CAST IRON CORE



PHENOLIC



POLYOLEFIN



SOLID ELASTOMER



V-GROOVE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 81 Series	Rigid Caster Model Number 82 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	2	MOLDON RUBBER / ALUM. CORE	ROLLER	300	4-81-620	4-82-620	7-1/2	5 5/8	3 9/16
		ADVANTAGE TPR / FLAT	ROLLER	350	4-81-220GF	4-82-220GF	6-1/2		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	400	4-81-620CI	4-82-620CI	7-1/2		
		POLYOLEFIN	PLAIN	500	4-81-531	4-82-531	7-1/2		
		POLYOLEFIN	ROLLER	500	4-81-532	4-82-532	7-1/2		
		POLYLOC / GREY	ROLLER	600	4-81-220G	4-82-220G	6-1/2		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	600	4-81-720	4-82-720	7-1/2		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	700	4-81-720CI	4-82-720CI	7-1/2		
		CAST IRON	ROLLER	750	4-81-250	4-82-250	7-1/2		
		PHENOLIC	PLAIN	800	4-81-122	4-82-122	6-1/2		
		PHENOLIC	ROLLER	800	4-81-222	4-82-222	6-1/2		
		SOLID ELASTOMER	ROLLER	1,250	4-81-760	4-82-760	7-1/2		
SOLID ELASTOMER	PRECISION BALL	1,250	4-81-770	4-82-770	7-1/2				
5	2	MOLDON RUBBER / ALUMINUM CORE	ROLLER	350	5-81-620	5-82-620	8	6 1/2	4 5/16
		ADVANTAGE TPR / FLAT	ROLLER	375	5-81-220GF	5-82-220GF	7		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	400	5-81-620CI	5-82-620CI	8		
		POLYOLEFIN	PLAIN	650	5-81-531	5-82-531	7		
		POLYOLEFIN	ROLLER	650	5-81-532	5-82-532	7		
		POLYLOC / GREY	ROLLER	700	5-81-220G	5-82-220G	7		
		POLYLOC / BLUE	ROLLER	700	5-81-220P	5-82-220P	7		
		CAST IRON	ROLLER	800	5-81-250	5-82-250	8		
		V-GROOVE	ROLLER	800	5-81-250V	5-82-250V	9		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	900	5-81-720	5-82-720	8		
		PHENOLIC	PLAIN	1,000	5-81-122	5-82-122	8		
		PHENOLIC	ROLLER	1,000	5-81-222	5-82-222	8		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,050	5-81-720CI	5-82-720CI	8		
		SOLID ELASTOMER	ROLLER	1,250	5-81-760	5-82-760	8		
		SOLID ELASTOMER	PRECISION BALL	1,250	5-81-770	5-82-770	8		
6	2	HI MODULUS RUBBER	BALL	350	6-81-600	6-82-600	9	7 1/2	5 1/16
		MOLDON RUBBER / ALUMINUM CORE	ROLLER	410	6-81-620	6-82-620	9		
		ADVANTAGE TPR / ROUND	BALL	450	6-81-220GDB	6-82-220GDB	8		
		ADVANTAGE TPR / ROUND	ROLLER	450	6-81-220GD	6-82-220GD	8		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	450	6-81-620CI	6-82-620CI	9		
		ADVANTAGE TPR / FLAT	ROLLER	600	6-81-220GF	6-82-220GF	8		
		POLYOLEFIN	PLAIN	700	6-81-531	6-82-531	8		
		POLYOLEFIN	ROLLER	700	6-81-532	6-82-532	8		
		POLYLOC / GREY	ROLLER	800	6-81-220G	6-82-220G	8		
		POLYLOC / BLUE	ROLLER	800	6-81-220P	6-82-220P	8		
		V-GROOVE	ROLLER	900	6-81-250V	6-82-250V	11		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	1,000	6-81-720	6-82-720	9		
		PHENOLIC	PLAIN	1,200	6-81-122	6-82-122	9		
		PHENOLIC	ROLLER	1,200	6-81-222	6-82-222	9		
		CAST IRON	ROLLER	1,200	6-81-250	6-82-250	9		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,200	6-81-720CI	6-82-720CI	9		
		SOLID ELASTOMER	ROLLER	1,250	6-81-760	6-82-760	9		
		SOLID ELASTOMER	PRECISION BALL	1,250	6-81-770	6-82-770	9		
	2 1/8	HIGH MODULUS RUBBER DONUT	BALL	350	6-81-600	6-82-600	6		
8	2	HI MODULUS RUBBER	BALL	450	8-81-600	8-82-600	10	9 1/2	6 1/2
		ADVANTAGE TPR / ROUND	BALL	500	8-81-220GDB	8-82-220GDB	9		
		ADVANTAGE TPR / ROUND	ROLLER	500	8-81-220GD	8-82-220GD	9		
		MOLDON RUBBER / ALUMINUM CORE	ROLLER	500	8-81-620	8-82-620	10		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	500	8-81-620CI	8-82-620CI	10		
		ADVANTAGE TPR / FLAT	ROLLER	675	8-81-220GF	8-82-220GF	9		
		POLYOLEFIN	PLAIN	900	8-81-531	8-82-531	9		
		POLYOLEFIN	ROLLER	900	8-81-532	8-82-532	9		
		POLYLOC / GREY	ROLLER	1,000	8-81-220G	8-82-220G	9		
		POLYLOC / BLUE	ROLLER	1,000	8-81-220P	8-82-220P	9		
		PHENOLIC	PLAIN	1,250	8-81-122	8-82-122	9		
		PHENOLIC	ROLLER	1,250	8-81-222	8-82-222	9		
		CAST IRON	ROLLER	1,250	8-81-250	8-82-250	10		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	1,250	8-81-720	8-82-720	10		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,250	8-81-720CI	8-82-720CI	10		
		SOLID ELASTOMER	ROLLER	1,250	8-81-760	8-82-760	10		
	SOLID ELASTOMER	PRECISION BALL	1,250	8-81-770	8-82-770	10			
2 1/4	HIGH MODULUS RUBBER DONUT	BALL	450	8-81-600	8-82-600	7			