



6809 SERIES

304 STAINLESS STEEL

1,500 LBS



FEATURES

KINGPIN: 3/4" diameter nut and bolt coined
RACEWAY: 3/8" diameter upper race; 5/16" diameter lower race; hardened stainless steel load bearings
BUSHING: Stainless Steel Roller bearings with delrin spanner bushing or with drilled stainless steel spanner bushing and plastic side washers or complete delrin bearing

AXLE & NUT: 1/2" stainless steel axle and lock washer and nut
FINISH: 304 Stainless steel corrosion resistant, electro polished and de-magnetized
HARDENED: Work hardened double ball race
LEG SPACING: 2 1/2"
SPECIAL: Complete stainless steel caster

EXCELLENT FOR:

- Bacteria-free environments
- Hospitals
- Pharmaceutical
- Food equipment
- Food processing
- Machinery
- Moisture friendly environments



WHEEL

CASTER

PART NUMBER

OPTIONS:

- SLB Side Locking Brake
- 1PSL 1 Position Swivel Lock
- 2PSL 2 Position Swivel Lock
- 3PSL 3 Position Swivel Lock
- 4PSL 4 Position Swivel Lock
- without wings (welded)
- BB Ball Bearing (NOT Stainless Steel)
- BBSS Stainless Steel Ball Bearing
- BR Bronze Bearing
- DB Delrin Bearing
- PB Precision Ball Bearing
- PBSS Stainless Steel Precision Ball Bearing
- RB Stainless Steel Roller Bearing (only)
- C Raceway Seal
- DW Double Welding
- OH Special Overall Height
- TG Thread Guards
- Z Zerk in Axle

Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
4"	2"	400	Roller	3 13/16"	5 5/8"	Moldon Alum. Rubber	S6849-***-MAR-RB	7.88	R6849-***-MAR-RB	5.66
		400	Roller			ProTech™ Crown	S6849-***-PRO-RB	7.38	R6849-***-PRO-RB	5.16
		500	Roller			Retort-WOW	S6849-***-RETW-RB	7.45	R6849-***-RETW-RB	5.23
		550	Roller			Polyolefin	S6849-***-POX-RB	7.10	R6849-***-POX-RB	4.88
		600	Roller			High Temp Phenolic (475°)	S6849-***-HTPH-RB	8.09	R6849-***-HTPH-RB	5.87
		700	Roller			Moldon Poly. Urethane	S6849-***-MPU-RB	7.46	R6849-***-MPU-RB	5.24
		750	Roller			ALThane™	S6849-***-ALT-RB	7.30	R6849-***-ALT-RB	5.08
		800	Roller			Lava™ (475°)	S6849-***-LV-RB	7.36	R6849-***-LV-RB	5.14
		800	Roller			Moldon Alum. Urethane	S6849-***-MAU-RB	7.68	R6849-***-MAU-RB	5.46
		800	Roller			Phenolic	S6849-***-PH-RB	7.69	R6849-***-PH-RB	5.47
		800	Roller			RollX™	S6849-***-RX-RB	7.31	R6849-***-RX-RB	5.09
		900	Roller			Lava™-WOW (475°)	S6849-***-LVW-RB	7.57	R6849-***-LVW-RB	5.35
		900	Precision			PurThane™	S6849-***-PTN-PB	7.59	R6849-***-PTN-PB	5.56
		1,000	Roller			Nyroll™	S6849-***-NYNW-RB	7.46	R6849-***-NYNW-RB	5.24
		1,000	Roller			Envirothane™	S6849-***-U-RB	7.50	R6849-***-U-RB	5.28
		1,000	Precision			Envirothane™ Grey - PB	S6849-***-UG-PB	7.48	R6849-***-UG-PB	5.26
		1,000	Roller			Envirothane™ Grey-WOW-RB	S6849-***-UGW-RB	7.50	R6849-***-UGW-RB	5.28
		1,400	Roller			RollX™-WOW	S6849-***-RXW-RB	7.57	R6849-***-RXW-RB	5.35
5"	2"	350	Ball	4"	6 1/2"	Alum. Rubber Grey	S6859-***-ARG-BB	8.47	R6859-***-ARG-BB	5.88
		350	Roller			Soft Rubber	S6859-***-SR-RB	8.48	R6859-***-SR-RB	5.89
		425	Roller			ProTech™ Crown	S6859-***-PRO-RB	7.69	R6859-***-PRO-RB	5.10
		500	Roller			Moldon Alum. Rubber	S6859-***-MAR-RB	8.15	R6859-***-MAR-RB	5.56
		650	Roller			Polyolefin	S6859-***-POX-RB	7.20	R6859-***-POX-RB	4.61
		650	Roller			Retort-WOW	S6859-***-RETW-RB	7.85	R6859-***-RETW-RB	5.26
		750	Roller			High Temp Phenolic (475°)	S6859-***-HTPH-RB	8.25	R6859-***-HTPH-RB	5.66
		800	Roller			Lava™ (475°)	S6859-***-LV-RB	7.54	R6859-***-LV-RB	4.95
		900	Roller			Moldon Poly. Urethane	S6859-***-MPU-RB	7.93	R6859-***-MPU-RB	5.34
		950	Roller			ALThane™	S6859-***-ALT-RB	7.55	R6859-***-ALT-RB	4.96
		1,000	Roller			Moldon Alum. Urethane	S6859-***-MAU-RB	8.05	R6859-***-MAU-RB	5.46
		1,000	Roller			Phenolic	S6859-***-PH-RB	8.15	R6859-***-PH-RB	5.56
		1,000	Precision			PurThane™	S6859-***-PTN-PB	8.38	R6859-***-PTN-PB	5.79
		1,000	Roller			RollX™	S6859-***-RX-RB	7.49	R6859-***-RX-RB	4.90
		1,000	Roller			Envirothane™	S6859-***-U-RB	7.95	R6859-***-U-RB	5.36
		1,000	Precision			Envirothane™ Grey - PB	S6859-***-UG-PB	8.00	R6859-***-UG-PB	5.41
		1,000	Roller			Envirothane™ Grey-WOW-RB	S6859-***-UGW-RB	7.95	R6859-***-UGW-RB	5.36
		1,100	Roller			Lava™-WOW (475°)	S6859-***-LVW-RB	7.85	R6859-***-LVW-RB	5.26
1,200	Roller	Nyroll™	S6859-***-NYNW-RB	7.79	R6859-***-NYNW-RB	5.20				
1,500	Roller	RollX™-WOW	S6859-***-RXW-RB	7.85	R6859-***-RXW-RB	5.26				

* Caster weight and OH based on Plate
 * See stem options for overall height (OH) differences

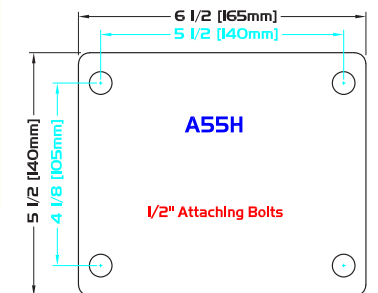
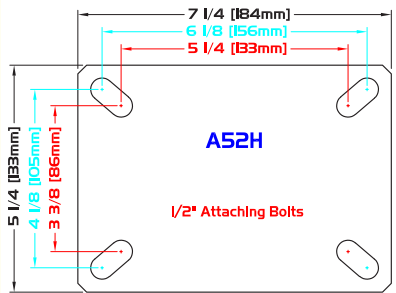
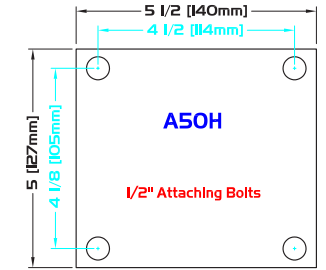
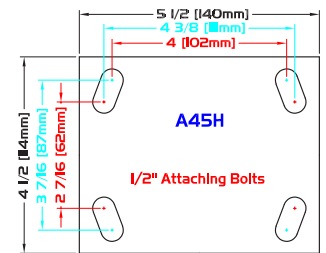
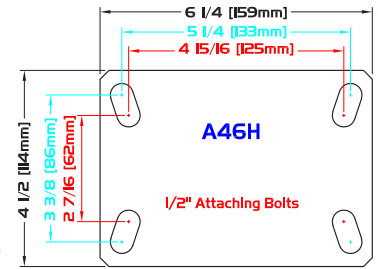


COMPONENT

STANDARD PLATE: A46H

H - Plate Thickness: 1/4"

PLATE DIAGRAMS



WHEEL			CASTER			PART NUMBER					
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)	
6"	2"	450	Ball	4 3/4"	7 1/2"	Balloon Cushion Rubber Grey	S6869-***-BARG-BB	9.03	R6869-***-BARG-BB	6.43	
		450	Roller			ProTech™ Crown	S6869-***-PRO-RB	8.22	R6869-***-PRO-RB	5.62	
		500	Roller			Moldon Alum. Rubber	S6869-***-MAR-RB	8.90	R6869-***-MAR-RB	6.30	
		600	Roller			ProTech™ Flat	S6869-***-PROF-RB	8.22	R6869-***-PROF-RB	5.62	
		700	Roller			Retort-WOW	S6869-***-RETW-RB	8.32	R6869-***-RETW-RB	6.20	
		800	Roller			Polyolefin	S6869-***-POX-RB	7.59	R6869-***-POX-RB	4.99	
		900	Roller			High Temp Phenolic (475°)	S6869-***-HTPH-RB	9.28	R6869-***-HTPH-RB	6.68	
		900	Roller			Moldon Poly. Urethane	S6869-***-MPU-RB	8.68	R6869-***-MPU-RB	6.08	
		950	Precision			Envirothane™ Grey Crowned - PB	S6869-***-UGC-PB	8.56	R6869-***-UGC-PB	5.96	
		1,000	Precision			PurThane™	S6869-***-PTN-PB	9.22	R6869-***-PTN-PB	6.62	
		1,100	Roller			Lava™ (475°)	S6869-***-LV-RB	8.00	R6869-***-LV-RB	5.40	
		1,100	Roller			Envirothane™	S6869-***-U-RB	8.86	R6869-***-U-RB	6.26	
		1,100	Precision			Envirothane™ Grey - PB	S6869-***-UG-PB	8.61	R6869-***-UG-PB	6.01	
		1,100	Roller			Envirothane™ Grey-WOW-RB	S6869-***-UGW-RB	8.86	R6869-***-UGW-RB	6.26	
		1,150	Roller			ALThane™	S6869-***-ALT-RB	8.33	R6869-***-ALT-RB	5.73	
		1,150	Roller			ALThane™-WOW	S6869-***-ALTWOW-RB	8.33	R6869-***-ALTWOW-RB	5.73	
		1,200	Roller			Lava™-WOW (475°)	S6869-***-LVW-RB	8.52	R6869-***-LVW-RB	6.40	
		1,200	Roller			Moldon Alum. Urethane	S6869-***-MAU-RB	8.86	R6869-***-MAU-RB	6.26	
		1,200	Roller			Phenolic	S6869-***-PH-RB	9.18	R6869-***-PH-RB	6.58	
		1,200	Roller			RollX™	S6869-***-RX-RB	7.94	R6869-***-RX-RB	5.34	
1,400	Roller	Nyrol™	S6869-***-NYNW-RB	8.49	R6869-***-NYNW-RB	5.89					
1,500	Precision	RollX™-WOW-PB	S6869-***-RXW-PB	8.57	R6869-***-RXW-PB	6.45					
1,500	Roller	RollX™-WOW	S6869-***-RXW-RB	8.52	R6869-***-RXW-RB	6.40					
8"	2"	550	Ball	6 1/4"	9 1/2"	Balloon Cushion Rubber Grey	S6889-***-BARG-BB	11.09	R6889-***-BARG-BB	8.31	
		600	Roller			Moldon Alum. Rubber	S6889-***-MAR-RB	10.26	R6889-***-MAR-RB	7.48	
		600	Roller			ProTech™ Crown	S6889-***-PRO-RB	9.57	R6889-***-PRO-RB	6.79	
		675	Roller			ProTech™ Flat	S6889-***-PROF-RB	9.53	R6889-***-PROF-RB	6.75	
		900	Roller			Polyolefin	S6889-***-POX-RB	8.55	R6889-***-POX-RB	5.77	
		900	Roller			Retort-WOW	S6889-***-RETW-RB	9.99	R6889-***-RETW-RB	7.12	
		1,000	Roller			Moldon Poly. Urethane	S6889-***-MPU-RB	9.72	R6889-***-MPU-RB	6.94	
		1,100	Roller			High Temp Phenolic (475°)	S6889-***-HTPH-RB	11.10	R6889-***-HTPH-RB	8.32	
		1,100	Precision			Envirothane™ Grey Crowned - PB	S6889-***-UGC-PB	10.26	R6889-***-UGC-PB	7.48	
		1,200	Roller			ALThane™	S6889-***-ALT-RB	9.40	R6889-***-ALT-RB	6.62	
		1,200	Roller			Lava™ (475°)	S6889-***-LV-RB	9.29	R6889-***-LV-RB	6.51	
		1,200	Precision			PurThane™	S6889-***-PTN-PB	11.23	R6889-***-PTN-PB	8.45	
		1,200	Roller			Envirothane™	S6889-***-U-RB	10.34	R6889-***-U-RB	7.56	
		1,200	Precision			Envirothane™ Grey - PB	S6889-***-UG-PB	10.20	R6889-***-UG-PB	7.42	
		1,200	Roller			Envirothane™ Grey-WOW-RB	S6889-***-UGW-RB	10.34	R6889-***-UGW-RB	7.56	
		1,300	Roller			Lava™-WOW (475°)	S6889-***-LVW-RB	9.65	R6889-***-LVW-RB	6.87	
		1,400	Roller			Phenolic	S6889-***-PH-RB	11.00	R6889-***-PH-RB	8.22	
		1,400	Roller			RollX™	S6889-***-RX-RB	9.24	R6889-***-RX-RB	6.46	
		1,500	Roller			Moldon Alum. Urethane	S6889-***-MAU-RB	10.44	R6889-***-MAU-RB	7.66	
		1,500	Roller			Nyrol™	S6889-***-NYNW-RB	9.85	R6889-***-NYNW-RB	7.07	
1,500	Roller	RollX™-WOW	S6889-***-RXW-RB	9.65	R6889-***-RXW-RB	6.87					

* Caster weight and OH based on Plate
* See stem options for overall height (OH) differences

STEMS

STANDARD THREADED LENGTH: 4"
 STANDARD ROUND LENGTH: 4"
 STANDARD METRIC LENGTH: 4"

CUSTOM DIAMETERS: any
 STANDARD LENGTHS: any



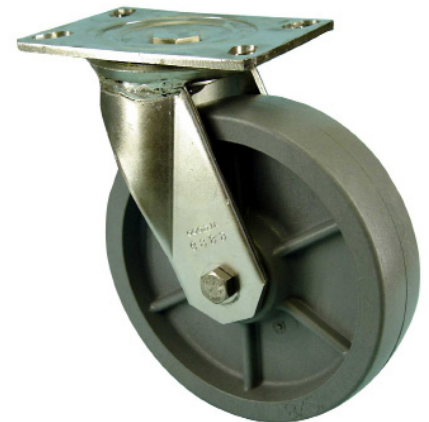
Threaded Stem



Round Stem



Metric Stem



THREADED STEMS +/-0.00" [0mm] To Std OH

***	DIAMETER	LENGTH	TYPE
1/2-13X4H0	1/2"	4"	NC
5/8-11X4	5/8"	4"	NC
3/4-10X4	3/4"	4"	NC
7/8-9X4	7/8"	4"	NC
1-8X4	1"	4"	NC

ROUND STEMS +/-0.00" [0mm] To Std OH

***	DIAMETER	LENGTH	TYPE
500 X 4	1/2"	4"	Plain
625 X 4	5/8"	4"	Plain
750 X 4	3/4"	4"	Plain
875 X 4	7/8"	4"	Plain
1.000 X 4	1"	4"	Plain
1.375 X 4	1 3/8"	4"	Plain

METRIC STEMS +/-0.00" [0mm] To Std OH

***	DIAMETER	THREAD SIZE	LENGTH
M12-1.75X4	12mm	1.75	4"
M14-2X4	14mm	2.0	4"
M16-2X4	16mm	2.0	4"
M18-2.5X4	18mm	2.5	4"
M20-2.5X4	20mm	2.5	4"
M22-2.5X4	22mm	2.5	4"
M24-3X4	24mm	3.0	4"
M27-3X4	27mm	3.0	4"

* All Stems are Stainless Steel