



# 7009 SERIES

**304 STAINLESS STEEL**

**1,250 LBS**

## FEATURES

**KINGPIN:** 5/8" diameter nut and bolt coined  
**RACEWAY:** 5/16" diameter upper race; 1/4" 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, 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 equipment
- Food equipment
- Food processing
- Machinery
- Moisture friendly environments



### 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)
- 4PSLN 4 Position Swivel Lock with wings (dismountable)
- 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
- EXP Expandable Stems
- OH Special Overall Height
- TG Thread Guards
- Z Zerk in Axle



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)
3 1/4"	2"	700	Roller	2 3/4"	4 7/8"	Phenolic	S7039-***-PH-RB	4.82	R7039-***-PH-RB	3.56
4"	2"	400	Roller	3 9/16"	5 5/8"	Moldon Alum. Rubber	S7049-***-MAR-RB	5.30	R7049-***-MAR-RB	4.04
		400	Roller			ProTech™ Crown	S7049-***-PRO-RB	4.80	R7049-***-PRO-RB	3.54
		500	Roller			Retort-WOW	S7049-***-RETW-RB	4.44	R7049-***-RETW-RB	3.18
		550	Roller			Polyolefin	S7049-***-POX-RB	4.52	R7049-***-POX-RB	3.26
		600	Roller			High Temp Phenolic (475°)	S7049-***-HTPH-RB	5.51	R7049-***-HTPH-RB	4.25
		700	Roller			Moldon Poly. Urethane	S7049-***-MPU-RB	4.88	R7049-***-MPU-RB	3.62
		750	Roller			ALTHANE™	S7049-***-ALT-RB	4.72	R7049-***-ALT-RB	3.46
		800	Roller			Lava™ (475°)	S7049-***-LV-RB	4.78	R7049-***-LV-RB	3.52
		800	Roller			Moldon Alum. Urethane	S7049-***-MAU-RB	5.10	R7049-***-MAU-RB	3.84
		800	Roller			Phenolic	S7049-***-PH-RB	5.11	R7049-***-PH-RB	3.85
		800	Roller			RollX™	S7049-***-RX-RB	4.73	R7049-***-RX-RB	3.47
		900	Roller			Lava™-WOW (475°)	S7049-***-LWV-RB	4.99	R7049-***-LWV-RB	3.73
		900	Precision			PurThane™	S7049-***-PTN-PB	5.01	R7049-***-PTN-PB	3.75
		1,000	Roller			Nyroll™	S7049-***-NYNW-RB	4.88	R7049-***-NYNW-RB	3.62
1,000	Roller	Envirothane™	S7049-***-U-RB	4.92	R7049-***-U-RB	3.66				
1,000	Precision	Envirothane™ Grey - PB	S7049-***-UG-PB	4.90	R7049-***-UG-PB	3.64				
1,000	Roller	Envirothane™ Grey-WOW-RB	S7049-***-UGW-RB	4.92	R7049-***-UGW-RB	3.66				
1,250	Roller	RollX™-WOW	S7049-***-RXW-RB	4.99	R7049-***-RXW-RB	3.73				
5"	2"	350	Ball	4 1/4"	6 1/2"	Alum. Rubber Grey	S7059-***-ARG-BB	6.03	R7059-***-ARG-BB	4.95
		350	Roller			Soft Rubber	S7059-***-SR-RB	6.04	R7059-***-SR-RB	4.96
		425	Roller			ProTech™ Crown	S7059-***-PRO-RB	5.25	R7059-***-PRO-RB	4.17
		500	Roller			Moldon Alum. Rubber	S7059-***-MAR-RB	5.71	R7059-***-MAR-RB	4.63
		650	Roller			Polyolefin	S7059-***-POX-RB	4.76	R7059-***-POX-RB	3.68
		650	Roller			Retort-WOW	S7059-***-RETW-RB	4.98	R7059-***-RETW-RB	3.90
		750	Roller			High Temp Phenolic (475°)	S7059-***-HTPH-RB	5.81	R7059-***-HTPH-RB	4.73
		800	Roller			Lava™ (475°)	S7059-***-LV-RB	5.10	R7059-***-LV-RB	4.02
		900	Roller			Moldon Poly. Urethane	S7059-***-MPU-RB	5.49	R7059-***-MPU-RB	4.41
		950	Roller			ALTHANE™	S7059-***-ALT-RB	5.11	R7059-***-ALT-RB	4.03
		1,000	Roller			Moldon Alum. Urethane	S7059-***-MAU-RB	5.61	R7059-***-MAU-RB	4.53
		1,000	Roller			Phenolic	S7059-***-PH-RB	5.71	R7059-***-PH-RB	4.63
		1,000	Precision			PurThane™	S7059-***-PTN-PB	5.94	R7059-***-PTN-PB	4.86
		1,000	Roller			RollX™	S7059-***-RX-RB	5.05	R7059-***-RX-RB	3.97
		1,000	Roller			Envirothane™	S7059-***-U-RB	5.51	R7059-***-U-RB	4.43
		1,000	Precision			Envirothane™ Grey - PB	S7059-***-UG-PB	5.55	R7059-***-UG-PB	4.47
		1,000	Roller			Envirothane™ Grey-WOW-RB	S7059-***-UGW-RB	5.51	R7059-***-UGW-RB	4.43
		1,100	Roller			Lava™-WOW (475°)	S7059-***-LWV-RB	5.41	R7059-***-LWV-RB	4.33
1,200	Roller	Nyroll™	S7059-***-NYNW-RB	5.35	R7059-***-NYNW-RB	4.27				
1,250	Roller	RollX™-WOW	S7059-***-RXW-RB	5.41	R7059-***-RXW-RB	4.33				

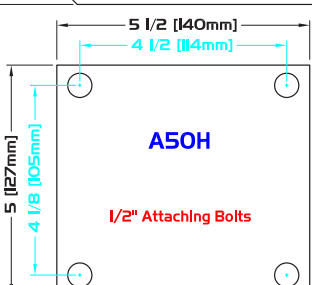
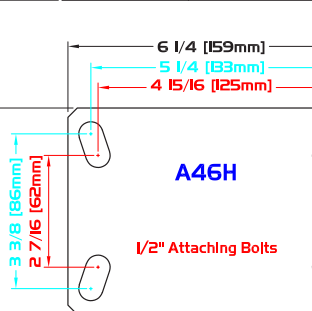
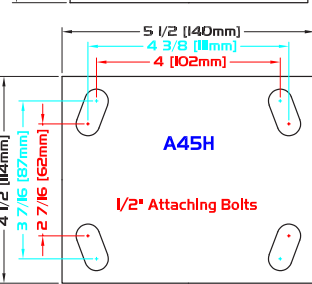
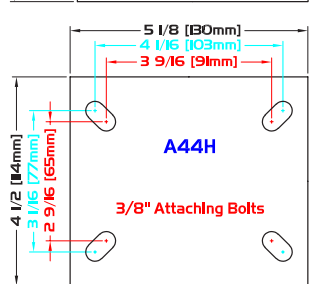
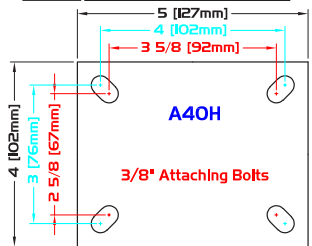
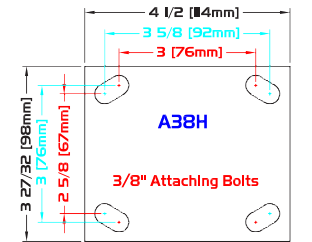
\* Caster weight and OH based on Plate  
 \* See stem options for overall height (OH) differences

STANDARD PLATE: A38H

A38H

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	5"	7 1/2"	Balloon Cushion Rubber Grey	S7069-***-BARG-BB	6.50	R7069-***-BARG-BB	5.31
		450	Roller			ProTech™ Crown	S7069-***-PRO-RB	5.69	R7069-***-PRO-RB	4.50
		500	Roller			Moldon Alum. Rubber	S7069-***-MAR-RB	6.37	R7069-***-MAR-RB	5.18
		600	Roller			ProTech™ Flat	S7069-***-PROF-RB	5.69	R7069-***-PROF-RB	4.50
		700	Roller			Retort-WOW	S7069-***-RETW-RB	5.37	R7069-***-RETW-RB	4.18
		800	Roller			Polyolefin	S7069-***-POX-RB	5.06	R7069-***-POX-RB	3.87
		900	Roller			High Temp Phenolic (475°)	S7069-***-HTPH-RB	6.75	R7069-***-HTPH-RB	4.61
		900	Roller			Moldon Poly. Urethane	S7069-***-MPU-RB	6.15	R7069-***-MPU-RB	4.61
		950	Precision			Envirothane™ Grey Crowned - PB	S7069-***-UGC-PB	6.03	R7069-***-UGC-PB	4.96
		1,000	Precision			PurThane™	S7069-***-PTN-PB	6.69	R7069-***-PTN-PB	5.50
		1,100	Roller			Lava™ (475°)	S7069-***-LV-RB	5.46	R7069-***-LV-RB	5.56
		1,100	Roller			Envirothane™	S7069-***-U-RB	6.33	R7069-***-U-RB	4.27
		1,100	Precision			Envirothane™ Grey - PB	S7069-***-UG-PB	6.08	R7069-***-UG-PB	3.87
		1,100	Roller			Envirothane™ Grey-WOW-RB	S7069-***-UGW-RB	6.33	R7069-***-UGW-RB	5.14
		1,150	Roller			ALThane™	S7069-***-ALT-RB	5.80	R7069-***-ALT-RB	4.77
		1,150	Roller			ALThane™-WOW	S7069-***-ALTWOW-RB	5.80	R7069-***-ALTWOW-RB	5.46
		1,200	Roller			Lava™-WOW (475°)	S7069-***-LVW-RB	5.99	R7069-***-LVW-RB	4.22
		1,200	Roller			Moldon Alum. Urethane	S7069-***-MAU-RB	6.33	R7069-***-MAU-RB	3.92
		1,200	Roller			Phenolic	S7069-***-PH-RB	6.65	R7069-***-PH-RB	5.14
		1,200	Roller			RollX™	S7069-***-RX-RB	5.41	R7069-***-RX-RB	4.89
1,250	Roller	Nyrol™	S7069-***-NYNW-RB	5.96	R7069-***-NYNW-RB	3.87				
1,250	Precision	RollX™-WOW-PB	S7069-***-RXW-PB	6.04	R7069-***-RXW-PB	5.14				
8"	2"	550	Ball	6 1/2"	9 1/2"	Balloon Cushion Rubber Grey	S7089-***-BARG-BB	8.37	R7089-***-BARG-BB	7.28
		600	Roller			Moldon Alum. Rubber	S7089-***-MAR-RB	7.54	R7089-***-MAR-RB	6.45
		600	Roller			ProTech™ Crown	S7089-***-PRO-RB	6.85	R7089-***-PRO-RB	5.76
		675	Roller			ProTech™ Flat	S7089-***-PROF-RB	6.81	R7089-***-PROF-RB	5.72
		900	Roller			Polyolefin	S7089-***-POX-RB	5.83	R7089-***-POX-RB	4.74
		900	Roller			Retort-WOW	S7089-***-RETW-RB	6.75	R7089-***-RETW-RB	5.66
		1,000	Roller			Moldon Poly. Urethane	S7089-***-MPU-RB	7.00	R7089-***-MPU-RB	5.91
		1,100	Roller			High Temp Phenolic (475°)	S7089-***-HTPH-RB	8.38	R7089-***-HTPH-RB	7.29
		1,100	Precision			Envirothane™ Grey Crowned - PB	S7089-***-UGC-PB	7.54	R7089-***-UGC-PB	6.45
		1,200	Roller			ALThane™	S7089-***-ALT-RB	6.68	R7089-***-ALT-RB	5.59
		1,200	Roller			Lava™ (475°)	S7089-***-LV-RB	6.57	R7089-***-LV-RB	5.48
		1,200	Precision			PurThane™	S7089-***-PTN-PB	8.51	R7089-***-PTN-PB	7.42
		1,200	Roller			Envirothane™	S7089-***-U-RB	7.62	R7089-***-U-RB	6.53
		1,200	Precision			Envirothane™ Grey - PB	S7089-***-UG-PB	7.48	R7089-***-UG-PB	6.39
		1,200	Roller			Envirothane™ Grey-WOW-RB	S7089-***-UGW-RB	7.62	R7089-***-UGW-RB	6.53
		1,250	Roller			Lava™-WOW (475°)	S7089-***-LVW-RB	6.93	R7089-***-LVW-RB	5.84
		1,250	Roller			Moldon Alum. Urethane	S7089-***-MAU-RB	7.72	R7089-***-MAU-RB	6.63
		1,250	Roller			Nyrol™	S7089-***-NYNW-RB	7.13	R7089-***-NYNW-RB	6.04
		1,250	Roller			Phenolic	S7089-***-PH-RB	8.28	R7089-***-PH-RB	7.19
		1,250	Roller			RollX™	S7089-***-RX-RB	6.52	R7089-***-RX-RB	5.43
1,250	Roller	RollX™-WOW	S7089-***-RXW-RB	6.93	R7089-***-RXW-RB	5.84				

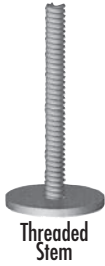
\* Caster weight and OH based on Plate

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

***	DIAMETER	LENGTH	TYPE
1/2-13X4HO	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