



# 7003

## SERIES

Available in  
Stainless Steel  
(see 7009 series)

# 1,250 LBS



### FEATURES

**KINGPIN:** 5/8" diameter nut and bolt coined  
**RACEWAY:** 5/16" diameter upper race; 1/4" diameter lower race; hardened steel load bearings  
**BUSHING:** Roller bearings with drilled hardened steel spanner bushing and plastic side washers

**AXLE&NUT:** 1/2" zerk axle and lock nut (except with PB)  
**FINISH:** Corrosion resistant bright zinc  
**LUBRICATION:** Grease nipple in lower race  
**HARDENED:** Work hardened double ball race  
**LEG SPACING:** 2 1/2"

### EXCELLENT FOR:

- Stock carts
- Platform trucks
- Garbage bins
- Wire shelving units
- Heavy service equipment
- Factory use
- Rugged, yet economical



### WHEEL CASTER PART NUMBER

### OPTIONS:

- SLB Side Locking Brake
- TLB Top Locking Brake (TLB, TLB1 & TLB2 not available with the 3 1/4" wheel)
- TLB1 ALGrip
- TLB2 Top Locking Brake w/extra large pedal
- TSB Thumb Screw Brake
- UWB Universal Wheel 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 (demountable)
- BB Ball Bearing
- BR Bronze Bearing
- DB Delrin Bearing
- NB Nylon Roller Bearing
- PB Precision Ball Bearing
- RBC Caged Roller Bearing
- C Raceway Seal
- DW Double Welding
- OH Special Overall Height
- SSW Steel Side Washer
- SWH Heat-treated Side Washer
- TG Thread Guards
- Z Zerk in Wheel

### FINISHES:

- 70?A Antique
- 70?PB Polished Brass
- 70?1 Brass
- 70?2 Chrome
- 70?4 Black

Inquiries on other finishes welcome

### SPECIAL:

Custom plates, stems & overall heights available

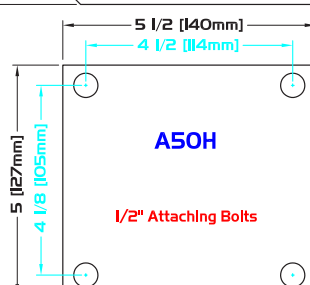
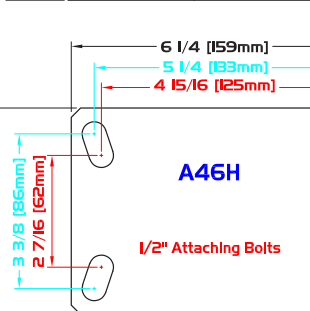
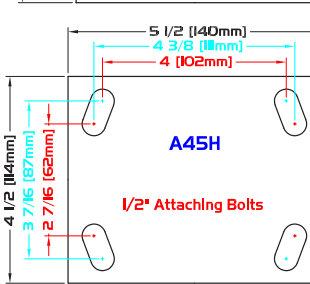
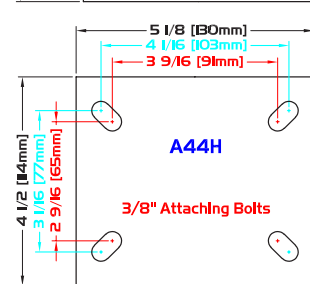
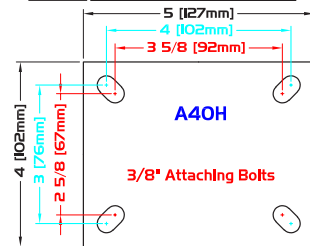
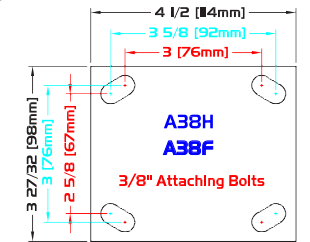


Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
3 1/4"	2"	700	Roller	2 3/4"	4 7/8"	Phenolic	S7033-***-PH-RB	4.40	R7033-***-PH-RB Standard Top Plate is A38H	2.97
						Moldon Alum. Rubber	S7043-***-MAR-RB	4.99	R7043-***-MAR-RB	3.11
						Moldon Rubber	S7043-***-MR-RB	6.49	R7043-***-MR-RB	4.61
						ProTech™ Crown	S7043-***-PRO-RB	4.49	R7043-***-PRO-RB	2.61
						Polyolefin	S7043-***-POX-RB	4.21	R7043-***-POX-RB	2.33
						High Temp Phenolic (475°)	S7043-***-HTPH-RB	5.20	R7043-***-HTPH-RB	3.31
						Moldon Poly. Urethane	S7043-***-MPU-RB	4.57	R7043-***-MPU-RB	2.69
						Solid Steel	S7043-***-SS-RB	6.39	R7043-***-SS-RB	4.51
						ALTHane™	S7043-***-ALT-RB	4.41	R7043-***-ALT-RB	2.53
						Lava™ (475°)	S7043-***-LV-RB	4.47	R7043-***-LV-RB	2.59
						Moldon Alum. Urethane	S7043-***-MAU-RB	4.79	R7043-***-MAU-RB	2.91
						Phenolic	S7043-***-PH-RB	4.80	R7043-***-PH-RB	2.92
						RollX™	S7043-***-RX-RB	4.42	R7043-***-RX-RB	2.54
						Moldon Urethane	S7043-***-UR-RB	6.09	R7043-***-UR-RB	4.21
						Moldon Urethane Crown	S7043-***-URC-RB	7.23	R7043-***-URC-RB	4.33
						Lava™-WOW (475°)	S7043-***-LWV-RB	4.68	R7043-***-LWV-RB	2.80
						PurThane™	S7043-***-PTN-PB	4.72	R7043-***-PTN-PB	2.83
						Nyroll™	S7043-***-NYNW-RB	4.57	R7043-***-NYNW-RB	2.69
						Envirothane™	S7043-***-URB	4.61	R7043-***-URB	2.73
						Envirothane™ Grey - PB	S7043-***-UGP-RB	4.61	R7043-***-UGP-RB	2.72
Envirothane™ Grey-WOW-RB	S7043-***-UGW-RB	4.61	R7043-***-UGW-RB	2.73						
V Groove	S7043-***-VGR-RB	7.41	R7043-***-VGR-RB	5.53						
RollX™-WOW	S7043-***-RXW-RB	4.68	R7043-***-RXW-RB	2.80						
4"	2"	400	Roller	3 9/16"	5 5/8"	Alum. Rubber Grey	S7053-***-ARG-BB	5.74	R7053-***-ARG-BB	3.79
						Soft Rubber	S7053-***-SR-RB	5.72	S7053-***-SR-RB	3.81
						ProTech™ Crown	S7053-***-PRO-RB	4.93	R7053-***-PRO-RB	3.02
						Moldon Rubber	S7053-***-MR-RB	6.61	R7053-***-MR-RB	4.70
						Moldon Alum. Rubber	S7053-***-MAR-RB	5.39	R7053-***-MAR-RB	3.48
						Polyolefin	S7053-***-POX-RB	4.44	R7053-***-POX-RB	2.53
						High Temp Phenolic (475°)	S7053-***-HTPH-RB	5.49	R7053-***-HTPH-RB	3.57
						Lava™ (475°)	S7053-***-LV-RB	4.78	R7053-***-LV-RB	2.87
						Moldon Poly. Urethane	S7053-***-MPU-RB	5.17	R7053-***-MPU-RB	3.26
						ALTHane™	S7053-***-ALT-RB	4.79	R7053-***-ALT-RB	2.88
						Moldon Alum. Urethane	S7053-***-MAU-RB	5.29	R7053-***-MAU-RB	3.38
						Phenolic	S7053-***-PH-RB	5.39	R7053-***-PH-RB	3.48
						PurThane™	S7053-***-PTN-PB	5.64	R7053-***-PTN-PB	3.72
						RollX™	S7053-***-RX-RB	4.73	R7053-***-RX-RB	2.82
						Solid Steel	S7053-***-SS-RB	7.43	R7053-***-SS-RB	5.52
						Envirothane™	S7053-***-URB	5.19	R7053-***-URB	3.28
						Envirothane™ Grey - PB	S7053-***-UGP-RB	5.25	R7053-***-UGP-RB	3.32
						Envirothane™ Grey-WOW-RB	S7053-***-UGW-RB	5.19	R7053-***-UGW-RB	3.28
						Lava™-WOW (475°)	S7053-***-LWV-RB	5.09	R7053-***-LWV-RB	3.18
						Nyroll™	S7053-***-NYNW-RB	5.03	R7053-***-NYNW-RB	3.12
Moldon Urethane	S7053-***-UR-RB	6.53	R7053-***-UR-RB	5.32						
Moldon Urethane Crown	S7053-***-URC-RB	7.23	R7053-***-URC-RB	4.62						
Ductile Iron Crowned	S7053-***-DIC-RB	8.01	R7053-***-DIC-RB	6.10						
RollX™-WOW	S7053-***-RXW-RB	5.09	R7053-***-RXW-RB	3.18						
V Groove	S7053-***-VGR-RB	8.45	R7053-***-VGR-RB	6.54						
5"	2"	350	Ball	4 1/4"	6 1/2"	Alum. Rubber Grey	S7053-***-ARG-BB	5.74	R7053-***-ARG-BB	3.79
						Soft Rubber	S7053-***-SR-RB	5.72	S7053-***-SR-RB	3.81
						ProTech™ Crown	S7053-***-PRO-RB	4.93	R7053-***-PRO-RB	3.02
						Moldon Rubber	S7053-***-MR-RB	6.61	R7053-***-MR-RB	4.70
						Moldon Alum. Rubber	S7053-***-MAR-RB	5.39	R7053-***-MAR-RB	3.48
						Polyolefin	S7053-***-POX-RB	4.44	R7053-***-POX-RB	2.53
						High Temp Phenolic (475°)	S7053-***-HTPH-RB	5.49	R7053-***-HTPH-RB	3.57
						Lava™ (475°)	S7053-***-LV-RB	4.78	R7053-***-LV-RB	2.87
						Moldon Poly. Urethane	S7053-***-MPU-RB	5.17	R7053-***-MPU-RB	3.26
						ALTHane™	S7053-***-ALT-RB	4.79	R7053-***-ALT-RB	2.88
						Moldon Alum. Urethane	S7053-***-MAU-RB	5.29	R7053-***-MAU-RB	3.38
						Phenolic	S7053-***-PH-RB	5.39	R7053-***-PH-RB	3.48
						PurThane™	S7053-***-PTN-PB	5.64	R7053-***-PTN-PB	3.72
						RollX™	S7053-***-RX-RB	4.73	R7053-***-RX-RB	2.82
						Solid Steel	S7053-***-SS-RB	7.43	R7053-***-SS-RB	5.52
						Envirothane™	S7053-***-URB	5.19	R7053-***-URB	3.28
						Envirothane™ Grey - PB	S7053-***-UGP-RB	5.25	R7053-***-UGP-RB	3.32
						Envirothane™ Grey-WOW-RB	S7053-***-UGW-RB	5.19	R7053-***-UGW-RB	3.28
						Lava™-WOW (475°)	S7053-***-LWV-RB	5.09	R7053-***-LWV-RB	3.18
						Nyroll™	S7053-***-NYNW-RB	5.03	R7053-***-NYNW-RB	3.12
Moldon Urethane	S7053-***-UR-RB	6.53	R7053-***-UR-RB	5.32						
Moldon Urethane Crown	S7053-***-URC-RB	7.23	R7053-***-URC-RB	4.62						
Ductile Iron Crowned	S7053-***-DIC-RB	8.01	R7053-***-DIC-RB	6.10						
RollX™-WOW	S7053-***-RXW-RB	5.09	R7053-***-RXW-RB	3.18						
V Groove	S7053-***-VGR-RB	8.45	R7053-***-VGR-RB	6.54						

STANDARD SWIVEL PLATE: **A38H**  
STANDARD RIGID PLATE: **A38F**

H - Plate Thickness: 1/4"  
F - Plate Thickness: 5/32"

## 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"	275	Precision	5"	7 1/2"	Flat Free	S7063-***-FFC-PBB	5.34	R7063-***-FFC-PBB	4.43
		450	Ball			Balloon Cushion Rubber Grey	S7063-***-BARG-BB	6.26	R7063-***-BARG-BB	4.22
		450	Roller			ProTech™ Crown	S7063-***-PRO-RB	5.41	R7063-***-PRO-RB	3.42
		500	Roller			Moldon Alum. Rubber	S7063-***-MAR-RB	6.09	R7063-***-MAR-RB	4.10
		550	Roller			Moldon Rubber	S7063-***-MR-RB	7.77	R7063-***-MR-RB	5.78
		600	Roller			ProTech™ Flat	S7063-***-PROF-RB	5.41	R7063-***-PROF-RB	3.42
		800	Roller			Polyolefin	S7063-***-POX-RB	4.78	R7063-***-POX-RB	2.79
		900	Roller			High Temp Phenolic (475°)	S7063-***-HTPH-RB	6.47	R7063-***-HTPH-RB	4.47
		900	Roller			Moldon Poly. Urethane	S7063-***-MPU-RB	5.87	R7063-***-MPU-RB	3.88
		950	Precision			Envirothane™ Grey Crowned	S7063-***-UGC-PB	5.77	R7063-***-UGC-PB	3.76
		1,000	Precision			PurThane™	S7063-***-PTN-PB	6.43	R7063-***-PTN-PB	4.43
		1,100	Roller			Lava™ (475°)	S7063-***-LV-RB	5.18	R7063-***-LV-RB	3.19
		1,100	Roller			Envirothane™	S7063-***-U-RB	6.05	R7063-***-U-RB	4.06
		1,100	Precision			Envirothane™ Grey - PB	S7063-***-UG-PB	5.82	R7063-***-UG-PB	3.81
		1,100	Roller			Envirothane™ Grey-WOW-RB	S7063-***-UGW-RB	6.05	R7063-***-UGW-RB	4.06
		1,150	Roller			ALThane™	S7063-***-ALT-RB	5.52	R7063-***-ALT-RB	3.53
		1,150	Roller			ALThane™-WOW	S7063-***-ALTWOW-RB	5.52	R7063-***-ALTWOW-RB	3.53
		1,200	Roller			Lava™-WOW (475°)	S7063-***-LWV-RB	5.71	R7063-***-LWV-RB	3.59
		1,200	Roller			Moldon Alum. Urethane	S7063-***-MAU-RB	6.05	R7063-***-MAU-RB	4.06
		1,200	Roller			Phenolic	S7063-***-PH-RB	6.37	R7063-***-PH-RB	4.38
1,200	Roller	RollX™	S7063-***-RX-RB	5.13	R7063-***-RX-RB	5.28				
1,200	Roller	Solid Steel	S7063-***-SS-RB	8.75	R7063-***-SS-RB	6.76				
1,250	Roller	Ductile Iron Crowned	S7063-***-DIC-RB	9.21	R7063-***-DIC-RB	7.22				
1,250	Roller	Nyrol™	S7063-***-NYNW-RB	5.68	R7063-***-NYNW-RB	3.69				
1,250	Precision	RollX™-WOW-PB	S7063-***-RXW-PB	6.00	R7063-***-RXW-PB	3.88				
1,250	Roller	RollX™-WOW	S7063-***-RXW-RB	5.71	R7063-***-RXW-RB	3.59				
1,250	Roller	Moldon Urethane	S7063-***-UR-RB	8.23	R7063-***-UR-RB	6.24				
1,250	Roller	Moldon Urethane Crown	S7063-***-URC-RB	7.64	R7063-***-URC-RB	5.65				
1,250	Roller	V Groove	S7063-***-VG-RB	9.87	R7063-***-VG-RB	7.88				
8"	2"	280	Precision	6 1/2"	9 1/2"	Flat Free	S7083-***-FFC-PBB	5.70	R7083-***-FFC-PBB	3.50
		550	Ball			Balloon Cushion Rubber Grey	S7083-***-BARG-BB	8.12	R7083-***-BARG-BB	5.90
		600	Roller			Moldon Alum. Rubber	S7083-***-MAR-RB	7.27	R7083-***-MAR-RB	5.08
		600	Roller			Moldon Rubber	S7083-***-MR-RB	9.89	R7083-***-MR-RB	7.70
		600	Roller			ProTech™ Crown	S7083-***-PRO-RB	6.58	R7083-***-PRO-RB	4.39
		675	Roller			ProTech™ Flat	S7083-***-PROF-RB	6.54	R7083-***-PROF-RB	4.35
		900	Roller			Polyolefin	S7083-***-POX-RB	5.56	R7083-***-POX-RB	3.37
		1,000	Roller			Moldon Poly. Urethane	S7083-***-MPU-RB	6.73	R7083-***-MPU-RB	4.54
		1,100	Roller			High Temp Phenolic (475°)	S7083-***-HTPH-RB	8.11	R7083-***-HTPH-RB	5.91
		1,100	Precision			Envirothane™ Grey Crowned	S7083-***-UGC-PB	7.29	R7083-***-UGC-PB	5.08
		1,200	Roller			ALThane™	S7083-***-ALT-RB	6.41	R7083-***-ALT-RB	4.22
		1,200	Roller			Lava™ (475°)	S7083-***-LV-RB	6.30	R7083-***-LV-RB	4.11
		1,200	Precision			PurThane™	S7083-***-PTN-PB	8.26	R7083-***-PTN-PB	6.06
		1,200	Roller			Envirothane™	S7083-***-U-RB	7.35	R7083-***-U-RB	5.16
		1,200	Precision			Envirothane™ Grey - PB	S7083-***-UG-PB	7.23	R7083-***-UG-PB	5.02
		1,200	Roller			Envirothane™ Grey-WOW-RB	S7083-***-UGW-RB	7.35	R7083-***-UGW-RB	5.16
		1,250	Roller			Lava™-WOW (475°)	S7083-***-LWV-RB	6.66	R7083-***-LWV-RB	4.47
		1,250	Roller			Moldon Alum. Urethane	S7083-***-MAU-RB	7.79	R7083-***-MAU-RB	5.60
		1,250	Roller			Nyrol™	S7083-***-NYNW-RB	6.86	R7083-***-NYNW-RB	4.67
		1,250	Roller			Phenolic	S7083-***-PH-RB	8.01	R7083-***-PH-RB	5.82
1,250	Roller	RollX™	S7083-***-RX-RB	6.25	R7083-***-RX-RB	4.06				
1,250	Roller	RollX™-WOW	S7083-***-RXW-RB	6.66	R7083-***-RXW-RB	4.47				
1,250	Roller	Solid Steel	S7083-***-SS-RB	11.45	R7083-***-SS-RB	9.26				
1,250	Roller	Moldon Urethane	S7083-***-UR-RB	10.61	R7083-***-UR-RB	8.42				
1,250	Roller	Moldon Urethane Crown	S7083-***-URC-RB	10.17	R7083-***-URC-RB	7.98				
1,250	Roller	V Groove	S7083-***-VG-RB	14.55	R7083-***-VG-RB	12.36				

\* 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
1/2-13X4HO	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"