

6803

SERIES

Available
in
Stainless Steel
(see 6809 series)

1,500 LBS



FEATURES

KINGPIN: 3/4" diameter nut and bolt coined
RACEWAY: 3/8" diameter upper race; 5/16" 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:

- Platform trucks
- Garbage and Cargo containers
- Food handling equipment
- A wide variety of other medium and heavy-duty material handling functions



WHEEL

CASTER

PART NUMBER

OPTIONS:

- SLB Side Locking Brake
TLB Top Locking Brake
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)
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

SPECIAL:

Available in stainless steel
(see 6809 series)

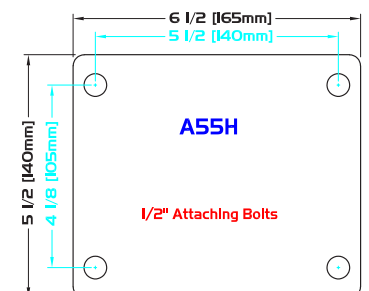
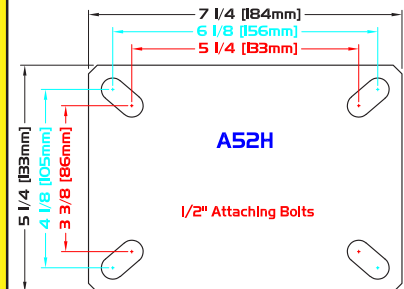
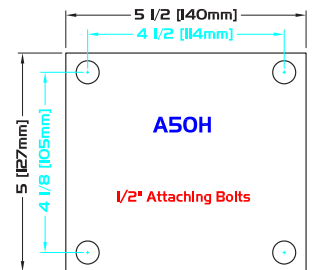
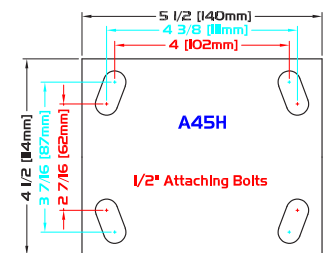
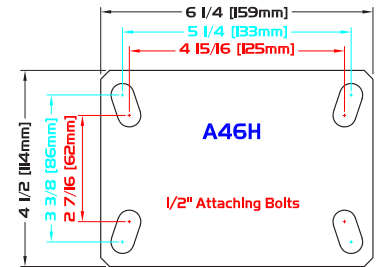
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Castor Weight (lbs)	Rigid	Castor Weight (lbs)
4"	2"	400	Roller	3 13/16"	5 5/8"	Moldon Alum. Rubber	S6843-***-MAR-RB	6.82	R6843-***-MAR-RB	5.15
		400	Roller			Moldon Rubber	S6843-***-MR-RB	8.32	R6843-***-MR-RB	6.65
		400	Roller			ProTech™ Crown	S6843-***-PRO-RB	6.32	R6843-***-PRO-RB	4.65
		550	Roller			Polyolefin	S6843-***-POX-RB	6.03	R6843-***-POX-RB	4.37
		600	Roller			High Temp Phenolic (475°)	S6843-***-HTPH-RB	7.02	R6843-***-HTPH-RB	5.36
		700	Roller			Moldon Poly. Urethane	S6843-***-MPU-RB	6.40	R6843-***-MPU-RB	4.73
		700	Roller			Solid Steel	S6843-***-SS-RB	8.22	R6843-***-SS-RB	6.55
		750	Roller			ALThane™	S6843-***-ALT-RB	6.24	R6843-***-ALT-RB	4.57
		800	Roller			Lava™	S6843-***-LV-RB	6.29	R6843-***-LV-RB	4.63
		800	Roller			Moldon Alum. Urethane	S6843-***-MAU-RB	6.62	R6843-***-MAU-RB	4.95
		800	Roller			Phenolic	S6843-***-PH-RB	6.63	R6843-***-PH-RB	4.96
		800	Roller			RollX™	S6843-***-RX-RB	6.24	R6843-***-RX-RB	4.58
		800	Roller			Moldon Urethane	S6843-***-UR-RB	7.92	R6843-***-UR-RB	6.25
		800	Roller			Moldon Urethane Crown	S6843-***-URC-RB	7.90	R6843-***-URC-RB	6.37
		900	Roller			Lava™-WOW	S6843-***-LVW-RB	6.36	R6843-***-LVW-RB	4.84
		900	Precision			ProThane™	S6843-***-PTN-PB	6.41	R6843-***-PTN-PB	4.89
		1,000	Roller			Nyroll™	S6843-***-NYNW-RB	6.40	R6843-***-NYNW-RB	4.73
		1,000	Roller			Envirothane™	S6843-***-U-RB	6.44	R6843-***-U-RB	4.77
5"	2"	350	Ball	4"	6 1/2"	Alum. Rubber Grey	S6853-***-ARG-BB	7.51	R6853-***-ARG-BB	5.69
		350	Roller			Soft Rubber	S6853-***-SR-RB	7.49	R6853-***-SR-RB	5.66
		425	Roller			ProTech™ Crown	S6853-***-PRO-RB	6.70	R6853-***-PRO-RB	4.87
		450	Roller			Moldon Rubber	S6853-***-MR-RB	8.38	R6853-***-MR-RB	6.55
		500	Roller			Moldon Alum. Rubber	S6853-***-MAR-RB	7.16	R6853-***-MAR-RB	5.33
		650	Roller			Polyolefin	S6853-***-POX-RB	6.20	R6853-***-POX-RB	4.38
		750	Roller			High Temp Phenolic (475°)	S6853-***-HTPH-RB	7.25	R6853-***-HTPH-RB	5.43
		800	Roller			Lava™	S6853-***-LV-RB	6.54	R6853-***-LV-RB	4.72
		900	Roller			Moldon Poly. Urethane	S6853-***-MPU-RB	6.94	R6853-***-MPU-RB	5.11
		950	Roller			ALThane™	S6853-***-ALT-RB	6.56	R6853-***-ALT-RB	4.73
		1,000	Roller			Moldon Alum. Urethane	S6853-***-MAU-RB	7.06	R6853-***-MAU-RB	5.23
		1,000	Roller			Phenolic	S6853-***-PH-RB	7.16	R6853-***-PH-RB	5.33
		1,000	Precision			ProThane™	S6853-***-PTN-PB	7.27	R6853-***-PTN-PB	5.58
		1,000	Roller			RollX™	S6853-***-RX-RB	6.49	R6853-***-RX-RB	4.67
		1,000	Roller			Solid Steel	S6853-***-SS-RB	9.20	R6853-***-SS-RB	7.37
		1,000	Roller			Envirothane™	S6853-***-U-RB	6.96	R6853-***-U-RB	5.13
		1,000	Precision			Envirothane™ Grey - PB	S6853-***-UG-PB	6.64	R6853-***-UG-PB	5.19
		1,000	Roller			Envirothane™ Grey-WOW-RB	S6853-***-UGW-RB	6.96	R6853-***-UGW-RB	5.13
		1,100	Roller			Lava™-WOW	S6853-***-LVW-RB	6.71	R6853-***-LVW-RB	5.03
		1,200	Roller			Nyroll™	S6853-***-NYNW-RB	6.80	R6853-***-NYNW-RB	4.97
		1,200	Roller			Moldon Urethane	S6853-***-UR-RB	9.00	R6853-***-UR-RB	7.17
		1,200	Roller			Moldon Urethane Crown	S6853-***-URC-RB	8.16	R6853-***-URC-RB	6.47
		1,400	Roller			V Groove	S6853-***-VG-RB	10.22	R6853-***-VG-RB	8.39
		1,500	Roller			Ductile Iron Crowned	S6853-***-DIC-RB	9.78	R6853-***-DIC-RB	7.95
		1,500	Roller			RollX™-WOW	S6853-***-RXW-RB	6.71	R6853-***-RXW-RB	5.03



STANDARD PLATE: A46H

H - Plate Thickness: 1/4"

PLATE DIAGRAMS



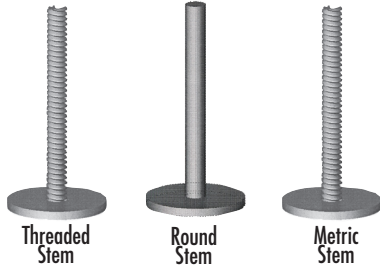
WHEEL		CASTER				PART NUMBER				
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
6"	2"	275	Precision	4 3/4"	7 1/2"	Flat Free	S6863-***-FFC-PBB	6.89	R6863-***-FFC-PBB	5.37
		450	Ball			Balloon Cushion Rubber Grey	S6863-***-BARG-BB	7.95	R6863-***-BARG-BB	6.28
		450	Roller			ProTech™ Crown	S6863-***-PRO-RB	7.10	R6863-***-PRO-RB	5.43
		500	Roller			Moldon Alum. Rubber	S6863-***-MAR-RB	7.78	R6863-***-MAR-RB	6.11
		550	Roller			Moldon Rubber	S6863-***-MR-RB	9.46	R6863-***-MR-RB	7.79
		600	Roller			ProTech™ Flat	S6863-***-PROF-RB	7.10	R6863-***-PROF-RB	5.43
		800	Roller			Polyolefin	S6863-***-POX-RB	6.46	R6863-***-POX-RB	4.79
		900	Roller			High Temp Phenolic (475°)	S6863-***-HTPH-RB	8.15	R6863-***-HTPH-RB	6.48
		900	Roller			Moldon Poly. Urethane	S6863-***-MPU-RB	7.56	R6863-***-MPU-RB	5.89
		950	Precision			Envirothane™ Grey Crowned	S6863-***-UGC-PB	7.45	R6863-***-UGC-PB	5.78
		1,000	Precision			ProThane™	S6863-***-PTN-PB	7.98	R6863-***-PTN-PB	6.46
		1,100	Roller			Lava™	S6863-***-LV-RB	6.85	R6863-***-LV-RB	5.18
		1,100	Roller			Envirothane™	S6863-***-U-RB	7.74	R6863-***-U-RB	6.07
		1,100	Precision			Envirothane™ Grey - PB	S6863-***-UG-PB	7.50	R6863-***-UG-PB	5.83
		1,100	Roller			Envirothane™ Grey-WOW-RB	S6863-***-UGW-RB	7.74	R6863-***-UGW-RB	6.07
		1,150	Roller			ALThane™	S6863-***-ALT-RB	7.21	R6863-***-ALT-RB	5.54
		1,150	Roller			ALThane™-WOW	S6863-***-ALTWOW-RB	7.21	R6863-***-ALTWOW-RB	5.54
		1,200	Roller			Lava™-WOW	S6863-***-LVW-RB	7.39	R6863-***-LVW-RB	5.73
		1,200	Roller			Moldon Alum. Urethane	S6863-***-MAU-RB	7.74	R6863-***-MAU-RB	6.07
		1,200	Roller			Phenolic	S6863-***-PH-RB	8.06	R6863-***-PH-RB	6.39
		1,200	Roller			RollX™	S6863-***-RX-RB	6.81	R6863-***-RX-RB	5.14
		1,200	Roller			Solid Steel	S6863-***-SS-RB	10.44	R6863-***-SS-RB	8.77
		1,250	Roller			Moldon Urethane	S6863-***-UR-RB	9.92	R6863-***-UR-RB	8.25
		1,250	Roller			Moldon Urethane Crown	S6863-***-URC-RB	9.19	R6863-***-URC-RB	7.66
		1,400	Roller			Nyroll™	S6863-***-NYNW-RB	7.37	R6863-***-NYNW-RB	5.70
		1,400	Roller			V Groove	S6863-***-VG-RB	11.56	R6863-***-VG-RB	9.89
		1,500	Roller			Ductile Iron Crowned	S6863-***-DIC-RB	10.90	R6863-***-DIC-RB	9.23
		1,500	Precision			RollX™-WOW-PB	S6863-***-RXW-PB	7.69	R6863-***-RXW-PB	6.03
		1,500	Roller			RollX™-WOW	S6863-***-RXW-RB	7.39	R6863-***-RXW-RB	5.73
2 1/2"	2 1/2"	700	Roller	4 3/4"	7 1/2"	Moldon Rubber	S68625-***-MR-RB-DW	13.06	R68625-***-MR-RB-DW	11.40
		1,200	Precision			Envirothane™ Grey - PB	S68625-***-UG-PB-DW	9.75	R68625-***-UG-PB-DW	8.09
		1,200	Roller			Envirothane™ Grey - RB	S68625-***-UG-RB-DW	9.86	R68625-***-UG-RB-DW	8.20
		1,200	Roller			Envirothane™	S68625-***-U-RB-DW	9.86	R68625-***-U-RB-DW	8.20
		1,300	Roller			ALThane™	S68625-***-ALT-RB-DW	9.06	R68625-***-ALT-RB-DW	7.40
		1,500	Roller			Phenolic	S68625-***-PH-RB-DW	10.76	R68625-***-PH-RB-DW	9.10
		1,500	Roller			Moldon Urethane	S68625-***-UR-RB-DW	13.78	R68625-***-UR-RB-DW	12.12
		1,500	Roller			Solid Steel	S68625-***-SS-RB-DW	16.98	R68625-***-SS-RB-DW	15.32
		1,500	Roller			V Groove	S68625-***-VG-RB-DW	15.46	R68625-***-VG-RB-DW	13.80

* 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



WHEEL

CASTER

PART NUMBER

Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Castor Weight (lbs)	Rigid	Castor Weight (lbs)
8"	2"	280	Precision	6 1/4"	9 1/2"	Flat Free	S6883-***-FFC-PBB	7.46	R6883-***-FFC-PBB	5.87
		550	Ball			Balloon Cushion Rubber Grey	S6883-***-BARG-BB	10.02	R6883-***-BARG-BB	8.29
		600	Roller			Moldon Alum. Rubber	S6883-***-MAR-RB	9.17	R6883-***-MAR-RB	7.43
		600	Roller			Moldon Rubber	S6883-***-MR-RB	11.79	R6883-***-MR-RB	10.05
		600	Roller			ProTech™ Crown	S6883-***-PRO-RB	8.48	R6883-***-PRO-RB	6.74
		675	Roller			ProTech™ Flat	S6883-***-PROF-RB	8.48	R6883-***-PROF-RB	6.74
		900	Roller			Polyolefin	S6883-***-POX-RB	7.45	R6883-***-POX-RB	5.72
		1,000	Roller			Moldon Poly. Urethane	S6883-***-MPU-RB	8.63	R6883-***-MPU-RB	6.89
		1,100	Roller			High Temp Phenolic (475°)	S6883-***-HTPH-RB	10.00	R6883-***-HTPH-RB	8.27
		1,100	Precision			Envirothane™ Grey Crowned	S6883-***-UGC-PB	9.18	R6883-***-UGC-PB	7.45
		1,200	Roller			ALThane™	S6883-***-ALT-RB	8.31	R6883-***-ALT-RB	6.57
		1,200	Roller			Lava™	S6883-***-LV-RB	8.19	R6883-***-LV-RB	6.46
		1,200	Precision			ProThane™	S6883-***-PTN-PB	10.02	R6883-***-PTN-PB	8.43
		1,200	Roller			Envirothane™	S6883-***-U-RB	9.25	R6883-***-U-RB	7.51
		1,200	Precision			Envirothane™ Grey - PB	S6883-***-UG-PB	9.12	R6883-***-UG-PB	7.39
		1,200	Roller			Envirothane™ Grey-WOW-RB	S6883-***-UGW-RB	9.25	R6883-***-UGW-RB	7.51
		1,300	Roller			Lava™-WOW	S6883-***-LVW-RB	8.41	R6883-***-LVW-RB	6.82
		1,400	Roller			Phenolic	S6883-***-PH-RB	9.91	R6883-***-PH-RB	8.17
		1,400	Roller			RollX™	S6883-***-RX-RB	8.14	R6883-***-RX-RB	6.41
		1,400	Roller			Solid Steel	S6883-***-SS-RB	13.35	R6883-***-SS-RB	11.61
		1,400	Roller			V Groove	S6883-***-VG-RB	15.31	R6883-***-VG-RB	13.57
		1,500	Roller			Moldon Alum. Urethane	S6883-***-MAU-RB	9.35	R6883-***-MAU-RB	7.61
		1,500	Roller			Nyrol™	S6883-***-NYNW-RB	8.76	R6883-***-NYNW-RB	7.02
		1,500	Roller			RollX™-WOW	S6883-***-RXW-RB	8.41	R6883-***-RXW-RB	6.82
		1,500	Roller			Moldon Urethane	S6883-***-UR-RB	12.51	R6883-***-UR-RB	10.77
		1,500	Roller			Moldon Urethane Crown	S6883-***-URC-RB	11.93	R6883-***-URC-RB	10.33
2 1/2"	2 1/2"	850	Roller	6 1/4"	9 1/2"	Moldon Rubber	S68825-***-MR-RB-DW	16.51	R68825-***-MR-RB-DW	14.86
		1,400	Roller			ALThane™	S68825-***-ALT-RB-DW	10.83	R68825-***-ALT-RB-DW	9.18
		1,500	Precision			Envirothane™ Grey - PB	S68825-***-UG-PB-DW	12.03	R68825-***-UG-PB-DW	10.38
		1,500	Roller			Envirothane™ Grey - RB	S68825-***-UG-RB-DW	12.29	R68825-***-UG-RB-DW	10.64
		1,500	Roller			Envirothane™	S68825-***-U-RB-DW	12.29	R68825-***-U-RB-DW	10.64
		1,500	Roller			Phenolic	S68825-***-PH-RB-DW	13.20	R68825-***-PH-RB-DW	11.55
		1,500	Roller			Moldon Urethane	S68825-***-UR-RB-DW	19.15	R68825-***-UR-RB-DW	17.50
		1,500	Roller			Solid Steel	S68825-***-SS-RB-DW	22.79	R68825-***-SS-RB-DW	21.14
		1,500	Roller			V Groove	S68825-***-VG-RB-DW	21.43	R68825-***-VG-RB-DW	19.78

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

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

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"