



6803 SERIES

Available in Stainless Steel (see 6809 series)

1,400 LBS
casterdepot.com



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



ALTHANE™ ALTHANE™ WOW BALLOON CUSHION DUCTILE IRON CROWNED FLAT FREE FREEDOM™ MOLDON ALUM. RUBBER MOLDON ALUM. URETHANE MOLDON POLY. URETHANE MOLDON RUBBER MOLDON URETHANE CROWNED MOLDON URETHANE NYROLL™ PHENOLIC (HTPH) POLYOLEFIN (POX) PROTECH™ PROTECH™ FLAT ROLLX™ LAVA™ ROLLX™ LAVA™ WOW SEMI STEEL SOLID STEEL ENVIROTHANE™ ENVIROTHANE™ GREY CROWNED ENVIROTHANE™ GREY V GROOVE

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)
- 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

SPECIAL:

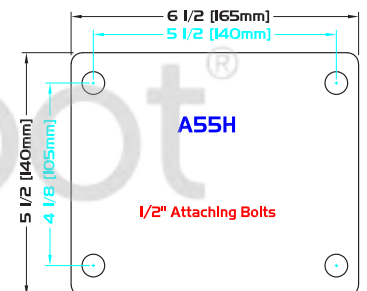
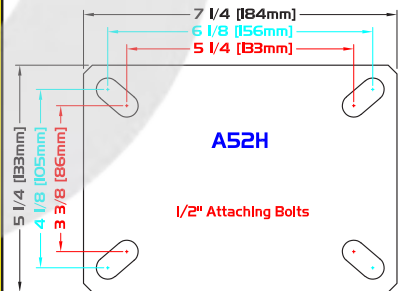
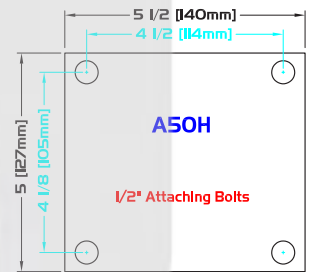
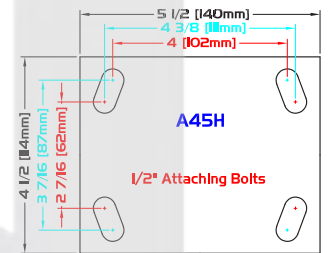
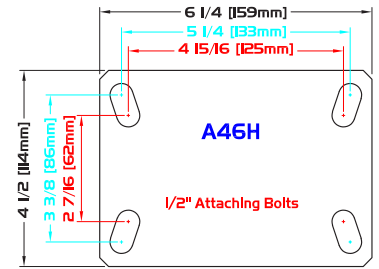
Available in stainless steel (see 6809 series)

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)
4"	2"	300	Roller	3 13/16"	5 5/8"	Moldon Rubber	S6843-***-MR-RB	8.32	R6843-***-MR-RB	6.65
		300	Roller			ProTech™ Crown	S6843-***-PRO-RB	6.32	R6843-***-PRO-RB	4.65
		400	Roller			Moldon Alum. Rubber	S6843-***-MAR-RB	6.82	R6843-***-MAR-RB	5.15
		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
		650	Roller			Envirothane™	S6843-***-U-RB	6.44	R6843-***-U-RB	4.77
		650	Precision			Envirothane™ Grey - PB	S6843-***-UG-PB	6.43	R6843-***-UG-PB	4.77
		650	Roller			Envirothane™ Grey - RB	S6843-***-UG-RB	6.44	R6843-***-UG-RB	4.77
		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
		700	Roller			Moldon Urethane Crown	S6843-***-URC-RB	7.90	R6843-***-URC-RB	6.37
		750	Roller			ALThane™	S6843-***-ALT-RB	6.24	R6843-***-ALT-RB	4.57
		750	Precision			Freedom™	S6843-***-FDM-PB	6.50	R6843-***-FDM-PB	4.98
		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
		900	Roller			Lava™-WOW	S6843-***-LVW-RB	6.36	R6843-***-LVW-RB	4.84
		900	Roller			Nyroll™	S6843-***-NYN-RB	6.40	R6843-***-NYN-RB	4.73
1,000	Roller	V Groove	S6843-***-VG-RB	9.24	R6843-***-VG-RB	7.57				
1,200	Roller	RollX™-WOW	S6843-***-RXW-RB	6.36	R6843-***-RXW-RB	4.84				
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
		375	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	Precision			Freedom™	S6853-***-FDM-PB	6.87	R6853-***-FDM-PB	5.18
		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
		800	Roller			Envirothane™	S6853-***-U-RB	6.96	R6853-***-U-RB	5.13
		800	Precision			Envirothane™ Grey - PB	S6853-***-UG-PB	6.64	R6853-***-UG-PB	5.19
		800	Roller			Envirothane™ Grey - RB	S6853-***-UG-RB	6.96	R6853-***-UG-RB	5.13
		800	Roller			Moldon Urethane Crown	S6853-***-URC-RB	8.16	R6853-***-URC-RB	6.47
		900	Roller			Moldon Alum. Urethane	S6853-***-MAU-RB	7.06	R6853-***-MAU-RB	5.23
		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			Nyroll™	S6853-***-NYN-RB	6.80	R6853-***-NYN-RB	4.97
		1,000	Roller			Phenolic	S6853-***-PH-RB	7.16	R6853-***-PH-RB	5.33
		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
1,100	Roller	Lava™-WOW	S6853-***-LVW-RB	6.71	R6853-***-LVW-RB	5.03				
1,200	Roller	Moldon Urethane	S6853-***-UR-RB	9.00	R6853-***-UR-RB	7.17				
1,400	Roller	Ductile Iron Crowned	S6853-***-DIC-RB	9.78	R6853-***-DIC-RB	7.95				
1,400	Roller	RollX™-WOW	S6853-***-RXW-RB	6.71	R6853-***-RXW-RB	5.03				
1,400	Roller	V Groove	S6853-***-VG-RB	10.22	R6853-***-VG-RB	8.39				

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
		500	Roller			Moldon Rubber	S6863-***-MR-RB	9.46	R6863-***-MR-RB	7.79
		500	Roller			ProTech™ Flat	S6863-***-PROF-RB	7.10	R6863-***-PROF-RB	5.43
		700	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
		900	Roller			Moldon Urethane Crown	S6863-***-URC-RB	9.19	R6863-***-URC-RB	7.66
		950	Roller			Envirothane™	S6863-***-U-RB	7.74	R6863-***-U-RB	6.07
		950	Precision			Envirothane™ Grey - PB	S6863-***-UG-PB	7.50	R6863-***-UG-PB	5.83
		950	Roller			Envirothane™ Grey - RB	S6863-***-UG-RB	7.74	R6863-***-UG-RB	6.07
		950	Precision			Envirothane™ Grey Crowned	S6863-***-UGC-PB	7.45	R6863-***-UGC-PB	5.78
		1,000	Precision			Freedom™	S6863-***-FDM-PB	7.89	R6863-***-FDM-PB	6.37
		1,100	Roller			Lava™	S6863-***-LV-RB	6.85	R6863-***-LV-RB	5.18
		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			Nyrol™	S6863-***-NYN-RB	7.37	R6863-***-NYN-RB	5.70
		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
		1,400	Precision			RollX™-WOW-PB	S6863-***-RXW-PB	7.69	R6863-***-RXW-PB	6.03
		1,400	Roller			RollX™-WOW	S6863-***-RXW-RB	7.39	R6863-***-RXW-RB	5.73
		1,400	Roller			Ductile Iron Crowned	S6863-***-DIC-RB	10.90	R6863-***-DIC-RB	9.23
1,400	Roller	V Groove	S6863-***-VG-RB	11.56	R6863-***-VG-RB	9.89				
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 based on Standard Plate

STEMS

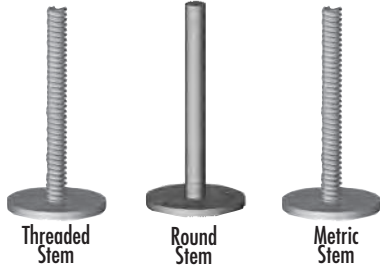
STANDARD THREADED LENGTH: 4"
 STANDARD ROUND LENGTH: 4"
 STANDARD METRIC LENGTH: 4"

CUSTOM DIAMETERS: any
 STANDARD LENGTHS: any

WHEEL

CASTER

PART NUMBER



Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
8"	2"	550	Ball	6 1/4"	9 1/2"	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
		650	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
		1,000	Roller			Moldon Urethane Crown	S6883-***-URC-RB	11.93	R6883-***-URC-RB	10.33
		1,100	Roller			High Temp Phenolic (475°)	S6883-***-HTPH-RB	10.00	R6883-***-HTPH-RB	8.27
		1,100	Roller			Envirothane™	S6883-***-U-RB	9.25	R6883-***-U-RB	7.51
		1,100	Precision			Envirothane™ Grey - PB	S6883-***-UG-PB	9.12	R6883-***-UG-PB	7.39
		1,100	Roller			Envirothane™ Grey - RB	S6883-***-UG-RB	9.25	R6883-***-UG-RB	7.51
		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	Precision			Freedom™	S6883-***-FDM-PB	10.01	R6883-***-FDM-PB	8.42
		1,200	Roller			Lava™	S6883-***-LV-RB	8.19	R6883-***-LV-RB	6.46
		1,300	Roller			Lava™-WOW	S6883-***-LVW-RB	8.41	R6883-***-LVW-RB	6.82
		1,400	Roller			Moldon Alum. Urethane	S6883-***-MAU-RB	9.35	R6883-***-MAU-RB	7.61
		1,400	Roller			Nyrol™	S6883-***-NYN-RB	8.76	R6883-***-NYN-RB	7.02
		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	RollX™-WOW	S6883-***-RXW-RB	8.41	R6883-***-RXW-RB	6.82				
1,400	Roller	Solid Steel	S6883-***-SS-RB	13.35	R6883-***-SS-RB	11.61				
1,400	Roller	Semi Steel	S6883-***-ST-RB	13.35	R6883-***-ST-RB	11.61				
1,400	Roller	Moldon Urethane	S6883-***-UR-RB	12.51	R6883-***-UR-RB	10.77				
1,400	Roller	V Groove	S6883-***-VG-RB	15.31	R6883-***-VG-RB	13.57				
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
		1,500	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
		1,400	Roller			ALThane™	S68825-***-ALT-RB-DW	10.83	R68825-***-ALT-RB-DW	9.18
		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

***	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

***	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

***	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"

* Caster weight based on Standard Plate