



SL7003

SPRING LOADED SERIES

1,000 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

US Patent No: 6,539,578
 CAD Patent No: 2,311,524

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:

- Mobile motion picture staging
- In-plant trailer parts
- Trash containers
- Tool carts
- Amusement parks
- Asphalt paving machinery
- Aircraft ground support equipment
- Material handling equipment



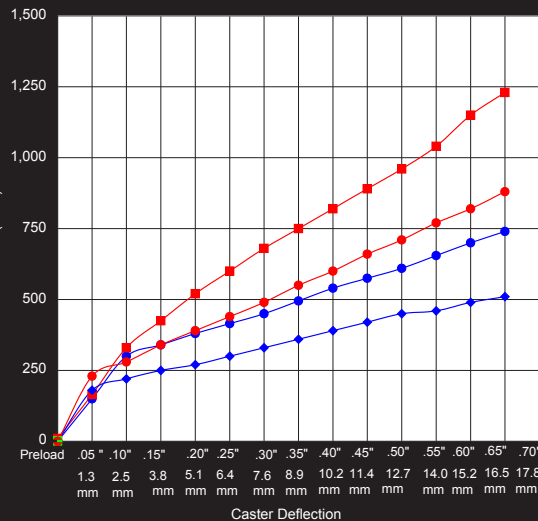
OPTIONS:

- iLKW Wheel Only iLock (for 6" only)
 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
 OH Special Overall Height
 SSW Steel Side Washer
 SWH Heat-treated Side Washer
 TG Thread Guards
 Z Zerk in Wheel

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)	
5"	2"	350	Ball	4 13/16"	8"	Alum. Rubber Grey	SSL7063-***5ARG-BB-Δ	9.43	RSL7063-***5ARG-BB-Δ	8.58	
		425	Roller			ProTech™ Crown	SSL7063-***5PRO-RB-Δ	8.46	RSL7063-***5PRO-RB-Δ	7.61	
		450	Roller			Moldon Rubber	SSL7063-***5MR-RB-Δ	10.14	RSL7063-***5MR-RB-Δ	9.29	
		500	Roller			Moldon Alum. Rubber	SSL7063-***5MAR-RB-Δ	8.92	RSL7063-***5MAR-RB-Δ	8.07	
		650	Roller			Polyolefin	SSL7063-***5POX-RB-Δ	7.97	RSL7063-***5POX-RB-Δ	7.12	
		750	Roller			High Temp Phenolic (475°)	SSL7063-***5HTPH-RB-Δ	9.02	RSL7063-***5HTPH-RB-Δ	8.17	
		800	Roller			Lava™ (475°)	SSL7063-***5LV-RB-Δ	8.32	RSL7063-***5LV-RB-Δ	7.47	
		900	Roller			Moldon Poly. Urethane	SSL7063-***5MPU-RB-Δ	8.70	RSL7063-***5MPU-RB-Δ	7.85	
		950	Roller			ALTHane™	SSL7063-***5ALT-RB-Δ	8.32	RSL7063-***5ALT-RB-Δ	7.47	
		1,000	Roller			Ductile Iron Crowned	SSL7063-***5DIC-RB-Δ	11.54	RSL7063-***5DIC-RB-Δ	10.69	
		1,000	Roller			Lava™-WOW (475°)	SSL7063-***5LVW-RB-Δ	8.63	RSL7063-***5LVW-RB-Δ	7.78	
		1,000	Roller			Moldon Alum. Urethane	SSL7063-***5MAU-RB-Δ	8.82	RSL7063-***5MAU-RB-Δ	7.97	
		1,000	Roller			Nyroll™	SSL7063-***5NYNW-RB-Δ	8.56	RSL7063-***5NYNW-RB-Δ	7.71	
		1,000	Roller			Phenolic	SSL7063-***5PH-RB-Δ	8.92	RSL7063-***5PH-RB-Δ	8.07	
		1,000	Precision			PurThane™	SSL7063-***5PTN-PB-Δ	9.34	RSL7063-***5PTN-PB-Δ	8.49	
		1,000	Roller			RollX™	SSL7063-***5RX-RB-Δ	8.26	RSL7063-***5RX-RB-Δ	7.41	
		1,000	Roller			RollX™-WOW	SSL7063-***5RXW-RB-Δ	8.58	RSL7063-***5RXW-RB-Δ	7.73	
		1,000	Roller			Solid Steel	SSL7063-***5SS-RB-Δ	10.96	RSL7063-***5SS-RB-Δ	10.11	
		1,000	Roller			Envirothane™	SSL7063-***5U-RB-Δ	8.72	RSL7063-***5U-RB-Δ	7.87	
		1,000	Roller			Envirothane™ Grey-WOW-RB	SSL7063-***5UGW-RB-Δ	8.72	RSL7063-***5UGW-RB-Δ	7.87	
		1,000	Precision			Envirothane™ Grey - PB	SSL7063-***5UG-PB-Δ	8.78	RSL7063-***5UG-PB-Δ	7.93	
		1,000	Roller			Moldon Urethane	SSL7063-***5UR-RB-Δ	10.76	RSL7063-***5UR-RB-Δ	9.91	
1,000	Roller	V Groove	SSL7063-***5VG-RB-Δ	11.98	RSL7063-***5VG-RB-Δ	11.13					

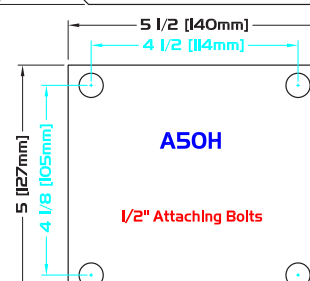
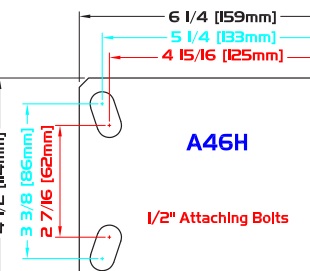
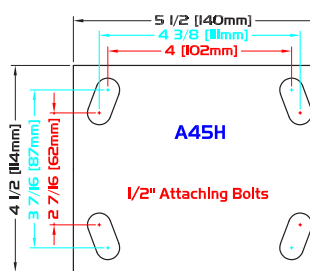
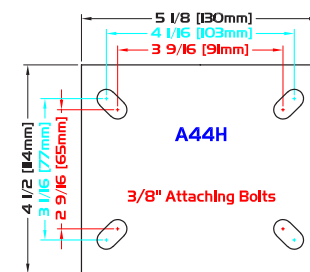
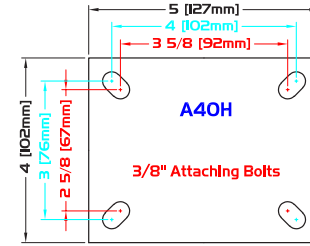
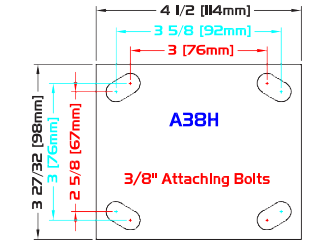
FINISHES:

- SL70?2 Chrome
 SL70?41 Black Ionic
 Inquiries on other finishes welcome



STANDARD PLATE: **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"	275	Precision	5 5/16"	8 1/2"	Flat Free	SSL7063-***-FFC-PBB-Δ	8.89	RSL7063-***-FFC-PBB-Δ	8.04
		450	Ball			Balloon Cushion Rubber Grey	SSL7063-***-BARG-BB-Δ	9.77	RSL7063-***-BARG-BB-Δ	8.92
		450	Roller			ProTech™ Crown	SSL7063-***-PRO-RB-Δ	8.76	RSL7063-***-PRO-RB-Δ	7.91
		500	Roller			Moldon Alum. Rubber	SSL7063-***-MAR-RB-Δ	9.44	RSL7063-***-MAR-RB-Δ	8.59
		550	Roller			Moldon Rubber	SSL7063-***-MR-RB-Δ	11.12	RSL7063-***-MR-RB-Δ	10.27
		600	Roller			ProTech™ Flat	SSL7063-***-PROF-RB-Δ	8.76	RSL7063-***-PROF-RB-Δ	7.91
		800	Roller			Polyolefin	SSL7063-***-POX-RB-Δ	8.13	RSL7063-***-POX-RB-Δ	7.28
		900	Roller			High Temp Phenolic (475°)	SSL7063-***-HTPH-RB-Δ	9.82	RSL7063-***-HTPH-RB-Δ	8.97
		900	Roller			Moldon Poly. Urethane	SSL7063-***-MPU-RB-Δ	9.22	RSL7063-***-MPU-RB-Δ	8.37
		1,000	Roller			ALThane™	SSL7063-***-ALT-RB-Δ	8.87	RSL7063-***-ALT-RB-Δ	8.02
		1,000	Roller			ALThane™-WOW	SSL7063-***-ALTWOW-RB-Δ	8.87	RSL7063-***-ALTWOW-RB-Δ	8.02
		1,000	Roller			Ductile Iron Crowned	SSL7063-***-DIC-RB-Δ	12.56	RSL7063-***-DIC-RB-Δ	11.71
		1,000	Roller			Lava™ (475°)	SSL7063-***-LV-RB-Δ	8.53	RSL7063-***-LV-RB-Δ	7.68
		1,000	Roller			Lava™-WOW (475°)	SSL7063-***-LVW-RB-Δ	9.04	RSL7063-***-LVW-RB-Δ	8.19
		1,000	Roller			Moldon Alum. Urethane	SSL7063-***-MAU-RB-Δ	9.40	RSL7063-***-MAU-RB-Δ	8.55
		1,000	Roller			Nyroll™	SSL7063-***-NYNW-RB-Δ	9.03	RSL7063-***-NYNW-RB-Δ	8.18
		1,000	Roller			Phenolic	SSL7063-***-PH-RB-Δ	9.72	RSL7063-***-PH-RB-Δ	8.87
		1,000	Precision			PurThane™	SSL7063-***-PTN-PB-Δ	9.95	RSL7063-***-PTN-PB-Δ	9.10
		1,000	Roller			RollX™	SSL7063-***-RX-RB-Δ	8.48	RSL7063-***-RX-RB-Δ	7.63
		1,000	Precision			RollX™-WOW-PB	SSL7063-***-RXW-PB-Δ	9.35	RSL7063-***-RXW-PB-Δ	7.23
1,000	Roller	RollX™-WOW	SSL7063-***-RXW-RB-Δ	9.06	RSL7063-***-RXW-RB-Δ	6.94				
1,000	Roller	Solid Steel	SSL7063-***-SS-RB-Δ	12.10	RSL7063-***-SS-RB-Δ	11.25				
1,000	Roller	Envirothane™	SSL7063-***-U-RB-Δ	9.40	RSL7063-***-U-RB-Δ	8.55				
1,000	Roller	Envirothane™ Grey-WOW-RB	SSL7063-***-UGW-RB-Δ	9.40	RSL7063-***-UGW-RB-Δ	8.55				
1,000	Precision	Envirothane™ Grey - PB	SSL7063-***-UG-PB-Δ	9.17	RSL7063-***-UG-PB-Δ	8.32				
1,000	Precision	Envirothane™ Grey Crowned	SSL7063-***-UGC-PB-Δ	9.12	RSL7063-***-UGC-PB-Δ	8.27				
1,000	Roller	Moldon Urethane	SSL7063-***-UR-RB-Δ	11.58	RSL7063-***-UR-RB-Δ	10.73				
1,000	Roller	V Groove	SSL7063-***-VG-RB-Δ	13.22	RSL7063-***-VG-RB-Δ	12.37				
8"	2"	280	Precision	6 7/8"	10 1/2"	Flat Free	SSL7083-***-FFC-PBB-Δ	9.47	RSL7083-***-FFC-PBB-Δ	8.62
		550	Ball			Balloon Cushion Rubber Grey	SSL7083-***-BARG-BB-Δ	11.89	RSL7083-***-BARG-BB-Δ	11.04
		600	Roller			Moldon Alum. Rubber	SSL7083-***-MAR-RB-Δ	10.88	RSL7083-***-MAR-RB-Δ	10.03
		600	Roller			ProTech™ Crown	SSL7083-***-PRO-RB-Δ	13.50	RSL7083-***-PRO-RB-Δ	12.65
		600	Roller			Moldon Rubber	SSL7083-***-MR-RB-Δ	10.19	RSL7083-***-MR-RB-Δ	9.34
		675	Roller			ProTech™ Flat	SSL7083-***-PROF-RB-Δ	10.15	RSL7083-***-PROF-RB-Δ	9.30
		850	Roller			ALThane™	SSL7083-***-ALT-RB-Δ	10.02	RSL7083-***-ALT-RB-Δ	9.17
		850	Roller			High Temp Phenolic (475°)	SSL7083-***-HTPH-RB-Δ	11.72	RSL7083-***-HTPH-RB-Δ	10.87
		850	Roller			Lava™ (475°)	SSL7083-***-LV-RB-Δ	9.91	RSL7083-***-LV-RB-Δ	9.06
		850	Roller			Lava™-WOW (475°)	SSL7083-***-LVW-RB-Δ	10.27	RSL7083-***-LVW-RB-Δ	9.42
		850	Roller			Moldon Alum. Urethane	SSL7083-***-MAU-RB-Δ	11.06	RSL7083-***-MAU-RB-Δ	10.21
		850	Roller			Moldon Poly. Urethane	SSL7083-***-MPU-RB-Δ	10.34	RSL7083-***-MPU-RB-Δ	9.49
		850	Roller			Nyroll™	SSL7083-***-NYNW-RB-Δ	10.47	RSL7083-***-NYNW-RB-Δ	9.62
		850	Roller			Phenolic	SSL7083-***-PH-RB-Δ	11.62	RSL7083-***-PH-RB-Δ	10.77
		850	Roller			Polyolefin	SSL7083-***-POX-RB-Δ	9.17	RSL7083-***-POX-RB-Δ	8.32
		850	Precision			PurThane™	SSL7083-***-PTN-PB-Δ	12.03	RSL7083-***-PTN-PB-Δ	11.18
		850	Roller			RollX™	SSL7083-***-RX-RB-Δ	9.86	RSL7083-***-RX-RB-Δ	9.01
		850	Roller			RollX™-WOW	SSL7083-***-RXW-RB-Δ	10.45	RSL7083-***-RXW-RB-Δ	9.60
		850	Roller			Solid Steel	SSL7083-***-SS-RB-Δ	15.06	RSL7083-***-SS-RB-Δ	14.21
		850	Roller			Envirothane™	SSL7083-***-U-RB-Δ	10.96	RSL7083-***-U-RB-Δ	10.11
850	Roller	Envirothane™ Grey-WOW-RB	SSL7083-***-UGW-RB-Δ	10.96	RSL7083-***-UGW-RB-Δ	10.11				
850	Precision	Envirothane™ Grey - PB	SSL7083-***-UG-PB-Δ	10.84	RSL7083-***-UG-PB-Δ	9.99				
850	Precision	Envirothane™ Grey Crowned	SSL7083-***-UGC-PB-Δ	10.90	RSL7083-***-UGC-PB-Δ	10.05				
850	Roller	Moldon Urethane	SSL7083-***-UR-RB-Δ	14.22	RSL7083-***-UR-RB-Δ	13.37				
850	Roller	V Groove	SSL7083-***-VG-RB-Δ	17.02	RSL7083-***-VG-RB-Δ	16.17				

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

STEMS

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

CUSTOM DIAMETERS: any
STANDARD LENGTHS: any



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

***	DIAMETER	LENGTH	TYPE
1/2-13X4	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

