



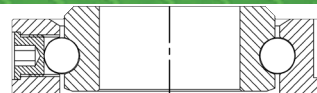
TORNADO KINGPINFREE™ SERIES 1,200 LBS



FEATURES

KINGPIN: Kingpinfree
RACEWAY: 3 3/8" head diameter; 2 3/8" diameter kingpin raceway, 3/8" ball bearings
BUSHING: Roller bearings with drilled hardened steel spanner bushing and steel side washers

AXLE&NUT: 1/2" zerk axle and lock nut (except with PB)
FINISH: Corrosion resistant bright zinc
LUBRICATION: Grease nipple in race
HARDENED: None
LEGS: 1/4" thick, double welded
LEG SPACING: 2 1/2"



EXCELLENT FOR:

- Abusive Conditions
- Tow lines
- Industrial platform trucks
- Most hardworking industrial functions
- Economical handling of heavy loads where severe abuse is present



WHEEL CASTER PART NUMBER

OPTIONS:

- SLB Side Locking Brake
- TSB Thumb Screw Brake
- UWB Universal Wheel Brake
- 4PSL 4 Position Swivel Lock without wings (welded)
- 4PSLN 4 position Swivel Lock with wings (demountable - only available with A38H plate)
- 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

FINISHES:

Inquiries on other finishes welcome

SPECIAL:

Dual leg configuration available



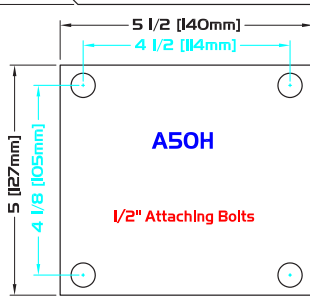
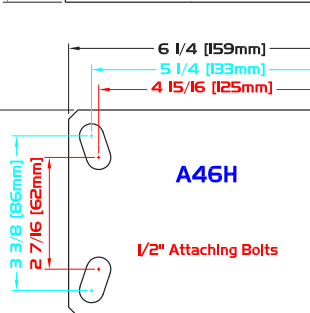
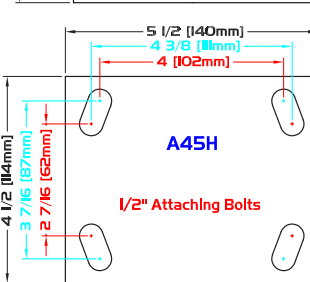
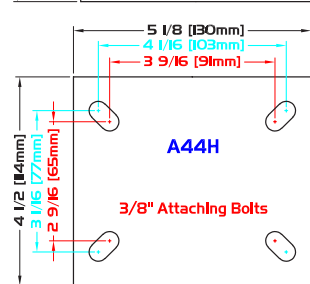
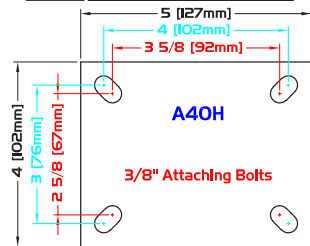
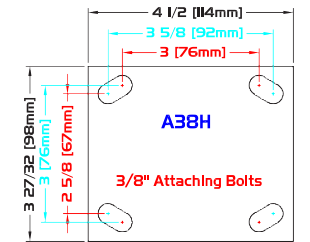
Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
4"	2"	300	Roller	3 1/4"	5 5/8"	Moldon Rubber	STO42-***-MR-RB	6.76	RT042-***-MR-RB	5.43
		300	Roller			ProTech™ Crown	STO42-***-PRO-RB	4.76	RT042-***-PRO-RB	3.43
		400	Roller			Moldon Alum. Rubber	STO42-***-MAR-RB	5.26	RT042-***-MAR-RB	3.93
		550	Roller			Polyolefin	STO42-***-POX-RB	4.48	RT042-***-POX-RB	3.15
		600	Roller			High Temp. Phenolic (475°)	STO42-***-HTPH-RB	5.47	RT042-***-HTPH-RB	4.14
		650	Roller			Envirothane™	STO42-***-U-RB	4.88	RT042-***-U-RB	3.55
		650	Precision			Envirothane™ Grey - PB	STO42-***-UG-PB	4.88	RT042-***-UG-PB	3.55
		650	Roller			Envirothane™ Grey - RB	STO42-***-UG-RB	4.88	RT042-***-UG-RB	3.55
		700	Roller			Moldon Poly. Urethane	STO42-***-MPU-RB	4.84	RT042-***-MPU-RB	3.51
		700	Roller			Solid Steel	STO42-***-SS-RB	6.66	RT042-***-SS-RB	5.33
		700	Roller			Moldon Urethane Crown	STO42-***-URC-RB	6.48	RT042-***-URC-RB	5.15
		750	Roller			Althane™	STO42-***-ALT-RB	4.68	RT042-***-ALT-RB	3.35
		750	Precision			Freedom™	STO42-***-FDM-PB	5.08	RT042-***-FDM-PB	3.76
		800	Roller			Lava™	STO42-***-LV-RB	4.74	RT042-***-LV-RB	3.41
		800	Roller			Moldon Alum. Urethane	STO42-***-MAU-RB	5.06	RT042-***-MAU-RB	3.73
		800	Roller			Phenolic	STO42-***-PH-RB	5.07	RT042-***-PH-RB	3.74
		800	Roller			RollX™	STO42-***-RX-RB	4.69	RT042-***-RX-RB	3.36
		800	Roller			Moldon Urethane	STO42-***-UR-RB	6.36	RT042-***-UR-RB	5.03
		900	Roller			Lava™-WOW	STO42-***-LVW-RB	4.95	RT042-***-LVW-RB	3.62
		900	Roller			Nyroll™	STO42-***-NYN-RB	4.84	RT042-***-NYN-RB	3.51
1,000	Roller	V Groove	STO42-***-VG-RB	7.68	RT042-***-VG-RB	6.35				
1,200	Roller	RollX™-WOW	STO42-***-RXW-RB	4.95	RT042-***-RXW-RB	3.62				
5"	2"	350	Ball	4 1/4"	6 1/2"	Alum. Rubber Grey	STO52-***-ARG-BB	6.03	RT052-***-ARG-BB	4.68
		350	Roller			Soft Rubber	STO52-***-SR-RB	6.01	RT052-***-SR-RB	4.66
		375	Roller			ProTech™ Crown	STO52-***-PRO-RB	5.22	RT052-***-PRO-RB	3.87
		450	Roller			Moldon Rubber	STO52-***-MR-RB	6.90	RT052-***-MR-RB	5.55
		500	Roller			Moldon Alum. Rubber	STO52-***-MAR-RB	5.68	RT052-***-MAR-RB	4.33
		650	Roller			Polyolefin	STO52-***-POX-RB	4.73	RT052-***-POX-RB	3.38
		750	Precision			Freedom™	STO52-***-FDM-PB	5.53	RT052-***-FDM-PB	4.19
		750	Roller			High Temp. Phenolic (475°)	STO52-***-HTPH-RB	5.78	RT052-***-HTPH-RB	4.43
		800	Roller			Lava™	STO52-***-LV-RB	5.07	RT052-***-LV-RB	3.72
		800	Roller			Envirothane™	STO52-***-U-RB	5.48	RT052-***-U-RB	4.13
		800	Precision			Envirothane™ Grey - PB	STO52-***-UG-PB	5.54	RT052-***-UG-PB	4.19
		800	Roller			Envirothane™ Grey - RB	STO52-***-UG-RB	5.48	RT052-***-UG-RB	4.13
		800	Roller			Moldon Urethane Crown	STO52-***-URC-RB	6.82	RT052-***-URC-RB	5.47
		800	Roller			Moldon Alum. Urethane	STO52-***-MAU-RB	5.58	RT052-***-MAU-RB	4.23
		900	Roller			Moldon Poly. Urethane	STO52-***-MPU-RB	5.46	RT052-***-MPU-RB	4.11
		950	Roller			Althane™	STO52-***-ALT-RB	5.08	RT052-***-ALT-RB	3.73
		1,000	Roller			Nyroll™	STO52-***-NYN-RB	5.32	RT052-***-NYN-RB	3.97
		1,000	Roller			Phenolic	STO52-***-PH-RB	5.68	RT052-***-PH-RB	4.33
		1,000	Roller			RollX™	STO52-***-RX-RB	5.02	RT052-***-RX-RB	3.67
		1,000	Roller			Solid Steel	STO52-***-SS-RB	7.72	RT052-***-SS-RB	6.37
1,100	Roller	Lava™-WOW	STO52-***-LVW-RB	5.38	RT052-***-LVW-RB	4.03				
1,200	Roller	Ductile Iron Crowned	STO52-***-DIC-RB	8.30	RT052-***-DIC-RB	6.95				
1,200	Roller	Moldon Urethane	STO52-***-UR-RB	7.52	RT052-***-UR-RB	6.17				
1,200	Roller	RollX™-WOW	STO52-***-RXW-RB	5.38	RT052-***-RXW-RB	4.03				
1,200	Roller	V Groove	STO52-***-VG-RB	8.74	RT052-***-VG-RB	7.39				

TORNADO SERIES

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	4 7/8"	7 1/2"	Flat Free	STO62-***-FFC-PBB	5.61	RT062-***-FFC-PBB	4.26
		450	Ball			Balloon Cushion Rubber Grey	STO62-***-BARG-BB	6.53	RT062-***-BARG-BB	5.17
		450	Roller			ProTech™ Crown	STO62-***-PRO-RB	5.68	RT062-***-PRO-RB	4.32
		500	Roller			Moldon Alum. Rubber	STO62-***-MAR-RB	6.36	RT062-***-MAR-RB	5.00
		500	Roller			Moldon Rubber	STO62-***-MR-RB	8.04	RT062-***-MR-RB	6.68
		500	Roller			ProTech™ Flat	STO62-***-PROF-RB	5.68	RT062-***-PROF-RB	4.32
		700	Roller			Polyolefin	STO62-***-POX-RB	5.05	RT062-***-POX-RB	3.69
		900	Roller			High Temp. Phenolic (475°)	STO62-***-HTPH-RB	6.74	RT062-***-HTPH-RB	5.38
		900	Roller			Moldon Poly. Urethane	STO62-***-MPU-RB	6.14	RT062-***-MPU-RB	4.78
		900	Roller			Moldon Urethane Crown	STO62-***-URC-RB	7.91	RT062-***-URC-RB	6.55
		950	Roller			Envirothane™	STO62-***-U-RB	6.32	RT062-***-U-RB	4.96
		950	Precision			Envirothane™ Grey - PB	STO62-***-UG-PB	6.09	RT062-***-UG-PB	4.73
		950	Precision			Envirothane™ Grey - RB	STO62-***-UG-RB	6.32	RT062-***-UG-RB	4.96
		950	Precision			Envirothane™ Grey Crowned - PB	STO62-***-UGC-PB	6.04	RT062-***-UGC-PB	4.68
		1,000	Precision			Freedom™	STO62-***-FDM-PB	6.61	RT062-***-FDM-PB	5.26
		1,100	Roller			Lava™	STO62-***-LV-RB	5.45	RT062-***-LV-RB	4.09
		1,150	Roller			ALThane™	STO62-***-ALT-RB	5.79	RT062-***-ALT-RB	4.43
		1,150	Roller			ALThane™-WOW	STO62-***-ALTWOW-RB	5.79	RT062-***-ALTWOW-RB	4.43
		1,200	Roller			Ductile Iron Crowned	STO62-***-DIC-RB	9.48	RT062-***-DIC-RB	8.12
		1,200	Roller			Lava™-WOW	STO62-***-LVW-RB	5.98	RT062-***-LVW-RB	3.86
		1,200	Roller			Moldon Alum. Urethane	STO62-***-MAU-RB	6.32	RT062-***-MAU-RB	4.96
		1,200	Roller			Nyrol™	STO62-***-NYN-RB	5.95	RT062-***-NYN-RB	4.59
		1,200	Roller			Phenolic	STO62-***-PH-RB	6.64	RT062-***-PH-RB	5.28
		1,200	Roller			RollX™	STO62-***-RX-RB	5.40	RT062-***-RX-RB	4.04
1,200	Precision	RollX™-WOW-PB	STO62-***-RXW-PB	6.27	RT062-***-RXW-PB	4.15				
1,200	Roller	RollX™-WOW	STO62-***-RXW-RB	5.98	RT062-***-RXW-RB	3.86				
1,200	Roller	Solid Steel	STO62-***-SS-RB	9.02	RT062-***-SS-RB	7.66				
1,200	Roller	Moldon Urethane	STO62-***-UR-RB	8.50	RT062-***-UR-RB	7.14				
1,200	Roller	V Groove	STO62-***-VG-RB	10.14	RT062-***-VG-RB	8.78				
8"	2"	550	Ball	6 1/2"	9 1/2"	Balloon Cushion Rubber Grey	STO82-***-BARG-BB	8.38	RT082-***-BARG-BB	6.93
		600	Roller			Moldon Alum. Rubber	STO82-***-MAR-RB	7.53	RT082-***-MAR-RB	6.08
		600	Roller			Moldon Rubber	STO82-***-MR-RB	10.15	RT082-***-MR-RB	8.70
		600	Roller			ProTech™ Crown	STO82-***-PRO-RB	6.84	RT082-***-PRO-RB	5.39
		650	Roller			ProTech™ Flat	STO82-***-PROF-RB	6.80	RT082-***-PROF-RB	5.35
		900	Roller			Polyolefin	STO82-***-POX-RB	5.81	RT082-***-POX-RB	4.36
		1,000	Roller			Moldon Poly. Urethane	STO82-***-MPU-RB	7.00	RT082-***-MPU-RB	5.55
		1,000	Roller			Moldon Urethane Crown	STO82-***-URC-RB	10.43	RT082-***-URC-RB	8.98
		1,100	Roller			High Temp Phenolic (475°)	STO82-***-HTPH-RB	8.36	RT082-***-HTPH-RB	6.91
		1,100	Roller			Envirothane™	STO82-***-U-RB	7.61	RT082-***-U-RB	6.16
		1,100	Precision			Envirothane™ Grey - PB	STO82-***-UG-PB	7.48	RT082-***-UG-PB	6.03
		1,100	Precision			Envirothane™ Grey - RB	STO82-***-UG-RB	7.61	RT082-***-UG-RB	6.16
		1,100	Precision			Envirothane™ Grey Crowned - PB	STO82-***-UGC-PB	7.54	RT082-***-UGC-PB	6.09
		1,200	Roller			ALThane™	STO82-***-ALT-RB	6.67	RT082-***-ALT-RB	5.22
		1,200	Precision			Freedom™	STO82-***-FDM-PB	8.51	RT082-***-FDM-PB	7.07
		1,200	Roller			Lava™	STO82-***-LV-RB	6.55	RT082-***-LV-RB	5.10
		1,200	Roller			Lava™-WOW	STO82-***-LVW-RB	6.91	RT082-***-LVW-RB	5.47
		1,200	Roller			Moldon Alum. Urethane	STO82-***-MAU-RB	7.71	RT082-***-MAU-RB	6.26
		1,200	Roller			Nyrol™	STO82-***-NYN-RB	7.12	RT082-***-NYN-RB	5.67
		1,200	Roller			Phenolic	STO82-***-PH-RB	8.27	RT082-***-PH-RB	6.82
		1,200	Roller			RollX™	STO82-***-RX-RB	6.50	RT082-***-RX-RB	5.05
		1,200	Roller			RollX™-WOW	STO82-***-RXW-RB	6.91	RT082-***-RXW-RB	5.47
		1,200	Roller			Solid Steel	STO82-***-SS-RB	11.71	RT082-***-SS-RB	10.26
		1,200	Roller			Semi Steel	STO82-***-ST-RB	11.71	RT082-***-ST-RB	10.26
1,200	Roller	Moldon Urethane	STO82-***-UR-RB	10.87	RT082-***-UR-RB	9.42				
1,200	Roller	V Groove	STO82-***-VG-RB	13.67	RT082-***-VG-RB	12.22				

* 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



Threaded Stem



Round Stem



Metric Stem



THREADED STEMS

***	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

***	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

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"