

Tornado SERIES

IMPROVED KINGPINFREE DESIGN
200 CAPACITY LBS

NEW



STO63-A38H-U-RB



FEATURES

- KINGPIN:** Kingpinfree
- RACEWAY:** 3¼" head diameter
2⅜" diameter kingpin raceway, ⅜" diameter hardened steel ball bearings
- BUSHING:** Roller bearing with drilled and hardened steel spanner bushing & steel side washers
- AXLE & NUT:** ½" zerk axle & lock nut
- FINISH:** Corrosion resistant bright zinc finish
- LUBRICATION:** Grease nipple in race
- HARDENED:** None
- LEG SPACING:** 2½"
- LEGS:** ¼" thick, single welded

Excellent for:

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

Options:

- TLB** Top Locking Brake (swivel & rigid)
- TLBI** ALGrip
- SLB** Side Locking Brake
- TSB** Thumb Screw Brake
- TG** Thread Guards
- DW** Double Welding
- DB** Delrin Bearing
- SSW** Steel Side Washers
- SWH** Steel Side Washers Hardened
- OH** Special Overall Height

Finish

Inquiries on finishes welcome

Special

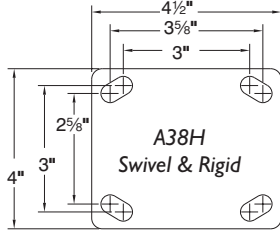
- Kingpinfree

WHEEL			CASTER			PART NUMBER		
Diameter	Tread Width	Bearing Type	Capacity Lbs.	Swivel Radius	Overall Height	Wheel Type	Swivel	Rigid
4"	2"	Roller	250	3¼"	5⅝"	ProTech	STO43-***-PRO-RB	RTO43-***-PRO-RB
		Roller	370			Moldon Rubber	STO43-***-MR-RB	RTO43-***-MR-RB
		Roller	500			Polyolefin	STO43-***-PO-RB	RTO43-***-PO-RB
		Roller	650			Envirothane	STO43-***-U-RB	RTO43-***-U-RB
		Precision	650			Envirothane-Precision Ball	STO43-***-U-PB	RTO43-***-U-PB
		Roller	700			Soft Urethane	STO43-***-SU-RB	RTO43-***-SU-RB
		Roller	750			ALThane	STO43-***-ALT-RB	RTO43-***-ALT-RB
		Roller	800			Moldon Poly. Urethane	STO43-***-MPU-RB	RTO43-***-MPU-RB
		Roller	800			Moldon Urethane	STO43-***-UR-RB	RTO43-***-UR-RB
		Roller	800			Phenolic	STO43-***-PH-RB	RTO43-***-PH-RB
		Roller	800			High Temp Phenolic (475°)	STO43-***-HTPH-RB	RTO43-***-HTPH-RB
		Roller	800			RollX	STO43-***-RX-RB	RTO43-***-RX-RB
5"	2"	Roller	1000	4"	6½"	Steel	STO43-***-STRB	RTO43-***-STRB
		Roller	1100			V Groove	STO43-***-VG-RB	RTO43-***-VG-RB
		Roller	1200			Heavy Duty RollX	STO43-***-HDRX-RB	RTO43-***-HDRX-RB
		Ball	275			ProTech	STO53-***-PRO-RB	RTO53-***-PRO-RB
		Roller	350			Balloon Cushion Rubber Grey	STO53-***-BARG-BB	RTO53-***-BARG-BB
		Roller	470			Moldon Rubber	STO53-***-MR-RB	RTO53-***-MR-RB
		Roller	650			Polyolefin	STO53-***-PO-RB	RTO53-***-PO-RB
		Roller	800			Envirothane	STO53-***-U-RB	RTO53-***-U-RB
		Precision	800			Envirothane-Precision Ball	STO53-***-U-PB	RTO53-***-U-PB
		Roller	800			Soft Urethane	STO53-***-SU-RB	RTO53-***-SU-RB
		Roller	900			Moldon Poly. Urethane	STO53-***-MPU-RB	RTO53-***-MPU-RB
		Roller	950			ALThane	STO53-***-ALT-RB	RTO53-***-ALT-RB
Roller	1000	Moldon Urethane	STO53-***-UR-RB	RTO53-***-UR-RB				
Roller	1000	Phenolic	STO53-***-PH-RB	RTO53-***-PH-RB				
Roller	1000	High Temp Phenolic (475°)	STO53-***-HTPH-RB	RTO53-***-HTPH-RB				
Roller	1000	RollX	STO53-***-RX-RB	RTO53-***-RX-RB				
Roller	1200	V Groove	STO53-***-VG-RB	RTO53-***-VG-RB				
Roller	1200	Steel	STO53-***-STRB	RTO53-***-STRB				
Roller	1200	Heavy Duty RollX	STO53-***-HDRX-RB	RTO53-***-HDRX-RB				

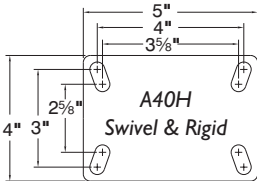
PLATE DIAGRAMS

STANDARD PLATE: A38H

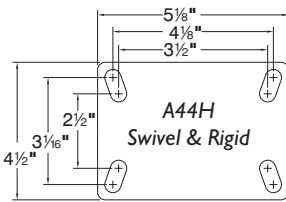
* Plate Thickness: 1/4"



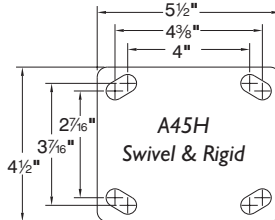
* Attaching Bolt Size For Plate 3/8"
(Formerly 125)



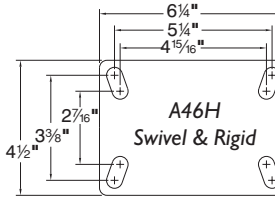
* Attaching Bolt Size For Plate 3/8"
(Formerly 125B)



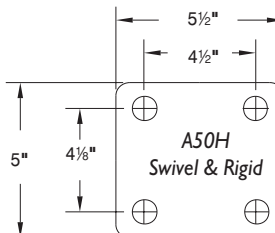
* Attaching Bolt Size For Plate 3/8"
(Formerly 125F)



* Attaching Bolt Size For Plate 1/2"



* Attaching Bolt Size For Plate 1/2"
(Formerly 125L)



* Attaching Bolt Size For Plate 1/2"
(Formerly 125E)

WHEEL			CASTER			PART NUMBER		
Diameter	Tread Width	Bearing Type	Capacity Lbs.	Swivel Radius	Overall Height	Wheel Type	Swivel	Rigid
6"	2"	Ball	350	4 7/8"	7 1/2"	Balloon Cushion Rubb Grey	STO63-***-BARG-BB	RTO63-***-BARG-BB
		Roller	450			ProTech	STO63-***-PRO-RB	RTO63-***-PRO-RB
		Roller	550			Moldon Rubber	STO63-***-MR-RB	RTO63-***-MR-RB
		Roller	600			Moldon Alum. Rubber	STO63-***-MAR-RB	RTO63-***-MAR-RB
		Roller	600			Moldon Alum. Urethane	STO63-***-MAU-RB	RTO63-***-MAU-RB
		Roller	750			Polyolefin	STO63-***-PO-RB	RTO63-***-PO-RB
		Roller	950			Envirothane	STO63-***-U-RB	RTO63-***-U-RB
		Precision	950			Envirothane-Precision Ball	STO63-***-U-PB	RTO63-***-U-PB
		Roller	1000			Moldon Poly. Urethane	STO63-***-MPU-RB	RTO63-***-MPU-RB
		Roller	1000			Soft Urethane	STO63-***-SU-RB	RTO63-***-SU-RB
		Roller	1150			ALThane	STO63-***-ALTRB	RTO63-***-ALTRB
		Roller	1200			Moldon Urethane	STO63-***-UR-RB	RTO63-***-UR-RB
		Roller	1200			V Groove	STO63-***-VG-RB	RTO63-***-VG-RB
		Roller	1200			Steel	STO63-***-ST-RB	RTO63-***-RT-RB
Roller	1200	Phenolic	STO63-***-PH-RB	RTO63-***-PH-RB				
Roller	1200	High Temp Phenolic (475°)	STO63-***-HTPH-RB	RTO63-***-HTPH-RB				
Roller	1200	RollX	STO63-***-RX-RB	RTO63-***-RX-RB				
Roller	1200	Heavy Duty RollX	STO63-***-HDRX-RB	RTO63-***-HDRX-RB				
8"	2"	Ball	450	6 1/2"	9 1/2"	Balloon Cushion Rubb Grey	STO83-***-BARG-BB	RTO83-***-BARG-BB
		Roller	600			ProTech	STO83-***-PRO-RB	RTO83-***-PRO-RB
		Roller	700			Moldon Alum. Rubber	STO83-***-MAR-RB	RTO83-***-MAR-RB
		Roller	700			Moldon Rubber	STO83-***-MR-RB	RTO83-***-MR-RB
		Roller	800			Moldon Alum. Urethane	STO83-***-MAU-RB	RTO83-***-MAU-RB
		Roller	1000			Polyolefin	STO83-***-PO-RB	RTO83-***-PO-RB
		Roller	1000			Soft Urethane	STO83-***-SU-RB	RTO83-***-SU-RB
		Precision	1100			Envirothane-Precision Ball	STO83-***-U-PB	RTO83-***-U-PB
		Roller	1200			Moldon Poly. Urethane	STO83-***-MPU-RB	RTO83-***-MPU-RB
		Roller	1200			ALThane	STO83-***-ALTRB	RTO83-***-ALTRB
		Roller	1200			Moldon Urethane	STO83-***-UR-RB	RTO83-***-UR-RB
		Roller	1200			Envirothane	STO83-***-U-RB	RTO83-***-U-RB
		Roller	1200			V Groove	STO83-***-VG-RB	RTO83-***-VG-RB
		Roller	1200			Solid Steel (Crowned)	STO83-***-SS-RB	RTO83-***-SS-RB
Roller	1200	Steel	STO83-***-ST-RB	RTO83-***-RT-RB				
Roller	1200	Phenolic	STO83-***-PH-RB	RTO83-***-PH-RB				
Roller	1200	High Temp Phenolic (475°)	STO83-***-HTPH-RB	RTO83-***-HTPH-RB				
Roller	1200	RollX	STO83-***-RX-RB	RTO83-***-RX-RB				
Roller	1200	Heavy Duty RollX	STO83-***-HDRX-RB	RTO83-***-HDRX-RB				

STEMS

THREADED STEMS

***	A	B	TYPE
1/2-13 X 4	1/2"	4"	NC
5/8-11 X 4	5/8"	4"	NC
3/4-10 X 4	3/4"	4"	NC
7/8-9 X 4	7/8"	4"	NC
1.000 -8 X 4	1"	4"	NC

ROUND STEMS

***	A	B	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

A

B

Threaded Stems:
STO ___-1/2-13 X 4
STO ___-5/8-11 X 4
STO ___-3/4-10 X 4
STO ___-7/8-9 X 4
STO ___-1-8 X 4

A

B

Round Stems:
STO ___-500 X 4
STO ___-625 X 4
STO ___-750 X 4
STO ___-875 X 4
STO ___-1.000 X 4