



# TWISTER

SERIES

KINGPINFREE™

1,800 LBS

casterdepot.com



## 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:** Raceway  
**LEGS:** 2 1/2" x 1/4" 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				
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	2 7/8"	5 5/8"	Moldon Rubber	STW42-***-MR-RB	7.90	RTW42-***-MR-RB	6.85
		300	Roller			ProTech™ Crown	STW42-***-PRO-RB	5.90	RTW42-***-PRO-RB	4.85
		400	Roller			Moldon Alum. Rubber	STW42-***-MAR-RB	6.40	RTW42-***-MAR-RB	5.35
		550	Roller			Polyolefin	STW42-***-POX-RB	5.61	RTW42-***-POX-RB	4.56
		600	Roller			High Temp. Phenolic (475°)	STW42-***-HTPH-RB	6.60	RTW42-***-HTPH-RB	5.55
		650	Roller			Envirothane™	STW42-***-U-RB	6.02	RTW42-***-U-RB	4.97
		650	Precision			Envirothane™ Grey - PB	STW42-***-UG-PB	6.01	RTW42-***-UG-PB	4.96
		650	Roller			Envirothane™ Grey - RB	STW42-***-UG-RB	6.02	RTW42-***-UG-RB	4.97
		700	Roller			Moldon Poly. Urethane	STW42-***-MPU-RB	5.98	RTW42-***-MPU-RB	4.93
		700	Roller			Solid Steel	STW42-***-SS-RB	7.80	RTW42-***-SS-RB	6.75
		700	Roller			Moldon Urethane Crown	STW42-***-URC-RB	7.62	RTW42-***-URC-RB	6.57
		750	Roller			Althane™	STW42-***-ALT-RB	5.82	RTW42-***-ALT-RB	4.77
		750	Precision			Freedom™	STW42-***-FDM-PB	6.22	RTW42-***-FDM-PB	5.18
		800	Roller			Lava™	STW42-***-LV-RB	5.87	RTW42-***-LV-RB	4.82
		800	Roller			Moldon Alum. Urethane	STW42-***-MAU-RB	6.20	RTW42-***-MAU-RB	5.15
		800	Roller			Phenolic	STW42-***-PH-RB	6.21	RTW42-***-PH-RB	5.16
		800	Roller			RollX™	STW42-***-RX-RB	5.82	RTW42-***-RX-RB	4.77
		800	Roller			Moldon Urethane	STW42-***-UR-RB	7.50	RTW42-***-UR-RB	6.45
900	Roller	Lava™-WOW	STW42-***-LVW-RB	6.08	RTW42-***-LVW-RB	5.04				
900	Roller	Nyroll™	STW42-***-NYN-RB	5.98	RTW42-***-NYN-RB	4.93				
1,000	Roller	V Groove	STW42-***-VG-RB	8.82	RTW42-***-VG-RB	7.77				
1,200	Roller	RollX™-WOW	STW42-***-RXW-RB	6.08	RTW42-***-RXW-RB	5.04				
5"	2"	350	Ball	3 5/8"	6 1/2"	Alum. Rubber Grey	STW52-***-ARG-BB	7.13	RTW52-***-ARG-BB	6.10
		350	Roller			Soft Rubber	STW52-***-SR-RB	7.11	RTW52-***-SR-RB	6.08
		375	Roller			ProTech™ Crown	STW52-***-PRO-RB	6.32	RTW52-***-PRO-RB	5.29
		450	Roller			Moldon Rubber	STW52-***-MR-RB	8.00	RTW52-***-MR-RB	6.97
		500	Roller			Moldon Alum. Rubber	STW52-***-MAR-RB	6.78	RTW52-***-MAR-RB	5.75
		650	Roller			Polyolefin	STW52-***-POX-RB	5.82	RTW52-***-POX-RB	4.79
		750	Precision			Freedom™	STW52-***-FDM-PB	6.63	RTW52-***-FDM-PB	5.61
		750	Roller			High Temp. Phenolic (475°)	STW52-***-HTPH-RB	6.87	RTW52-***-HTPH-RB	5.84
		800	Roller			Lava™	STW52-***-LV-RB	6.16	RTW52-***-LV-RB	5.13
		800	Roller			Envirothane™	STW52-***-U-RB	6.58	RTW52-***-U-RB	5.55
		800	Precision			Envirothane™ Grey - PB	STW52-***-UG-PB	6.63	RTW52-***-UG-PB	5.60
		800	Roller			Envirothane™ Grey - RB	STW52-***-UG-RB	6.58	RTW52-***-UG-RB	5.55
		800	Roller			Moldon Urethane Crown	STW52-***-URC-RB	7.92	RTW52-***-URC-RB	6.89
		900	Roller			Moldon Alum. Urethane	STW52-***-MAU-RB	6.68	RTW52-***-MAU-RB	5.65
		900	Roller			Moldon Poly. Urethane	STW52-***-MPU-RB	6.56	RTW52-***-MPU-RB	5.53
		950	Roller			Althane™	STW52-***-ALT-RB	6.18	RTW52-***-ALT-RB	5.15
		1,000	Roller			Nyroll™	STW52-***-NYN-RB	6.42	RTW52-***-NYN-RB	5.39
		1,000	Roller			Phenolic	STW52-***-PH-RB	6.78	RTW52-***-PH-RB	5.75
1,000	Roller	RollX™	STW52-***-RX-RB	6.11	RTW52-***-RX-RB	5.08				
1,000	Roller	Solid Steel	STW52-***-SS-RB	8.82	RTW52-***-SS-RB	7.79				
1,100	Roller	Lava™-WOW	STW52-***-LVW-RB	6.47	RTW52-***-LVW-RB	5.45				
1,200	Roller	Moldon Urethane	STW52-***-UR-RB	8.62	RTW52-***-UR-RB	7.59				
1,400	Roller	RollX™-WOW	STW52-***-RXW-RB	6.47	RTW52-***-RXW-RB	5.45				
1,400	Roller	V Groove	STW52-***-VG-RB	9.84	RTW52-***-VG-RB	8.81				
1,750	Roller	Ductile Iron Crowned	STW52-***-DIC-RB	9.40	RTW52-***-DIC-RB	8.37				

### 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 (dismountable - 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 or Triple leg configuration available

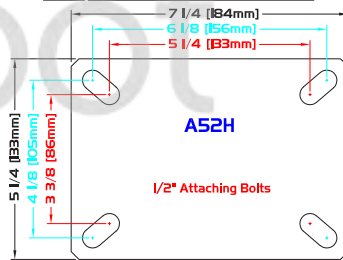
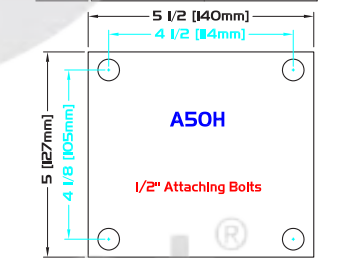
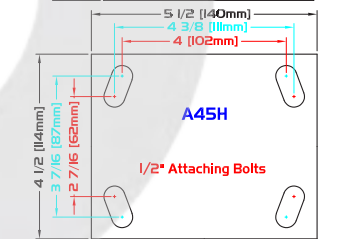
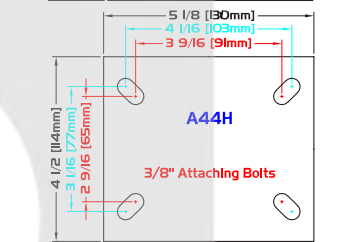
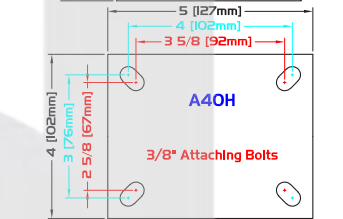
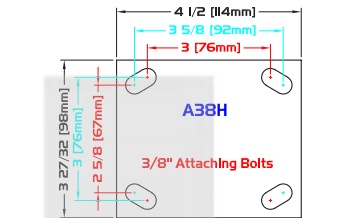
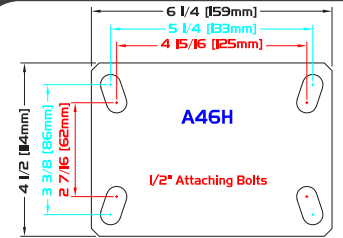


# TWISTER SERIES

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	45/16"	7 1/2"	Flat Free	STW62-***-FFC-PBB	6.69	RTW62-***-FFC-PBB	5.37
		450	Ball			Balloon Cushion Rubber Grey	STW62-***-BARG-BB	7.59	RTW62-***-BARG-BB	6.28
		450	Roller			ProTech™ Crown	STW62-***-PRO-RB	6.74	RTW62-***-PRO-RB	5.43
		500	Roller			Moldon Alum. Rubber	STW62-***-MAR-RB	7.42	RTW62-***-MAR-RB	6.11
		500	Roller			Moldon Rubber	STW62-***-MR-RB	9.10	RTW62-***-MR-RB	7.79
		500	Roller			ProTech™ Flat	STW62-***-PROF-RB	6.74	RTW62-***-PROF-RB	5.43
		700	Roller			Polyolefin	STW62-***-POX-RB	6.10	RTW62-***-POX-RB	4.79
		900	Roller			High Temp. Phenolic (475°)	STW62-***-HTPH-RB	7.79	RTW62-***-HTPH-RB	6.48
		900	Roller			Moldon Poly. Urethane	STW62-***-MPU-RB	7.20	RTW62-***-MPU-RB	5.89
		900	Roller			Moldon Urethane Crown	STW62-***-URC-RB	8.97	RTW62-***-URC-RB	7.66
		950	Roller			Envirothane™	STW62-***-U-RB	7.38	RTW62-***-U-RB	6.07
		950	Precision			Envirothane™ Grey - PB	STW62-***-UG-PB	8.56	RTW62-***-UG-PB	7.25
		950	Roller			Envirothane™ Grey - RB	STW62-***-UG-RB	7.38	RTW62-***-UG-RB	6.07
		950	Precision			Envirothane™ Grey Crowned - PB	STW62-***-UGC-PB	7.09	RTW62-***-UGC-PB	5.78
		1,000	Precision			Freedom™	STW62-***-FDM-PB	7.67	RTW62-***-FDM-PB	6.37
		1,100	Roller			Lava™	STW62-***-LV-RB	6.50	RTW62-***-LV-RB	5.19
		1,150	Roller			Althane™	STW62-***-ALT-RB	6.85	RTW62-***-ALT-RB	5.54
		1,150	Roller			Althane™-WOW	STW62-***-ALTWOW-RB	6.85	RTW62-***-ALTWOW-RB	5.54
		1,200	Roller			Lava™-WOW	STW62-***-LVW-RB	10.73	RTW62-***-LVW-RB	8.61
		1,200	Roller			Moldon Alum. Urethane	STW62-***-MAU-RB	7.38	RTW62-***-MAU-RB	6.07
		1,200	Roller			Nyroll™	STW62-***-NYN-RB	7.01	RTW62-***-NYN-RB	5.70
		1,200	Roller			Phenolic	STW62-***-PH-RB	7.70	RTW62-***-PH-RB	6.39
		1,200	Roller			RollX™	STW62-***-RX-RB	6.45	RTW62-***-RX-RB	5.14
		1,200	Roller			Solid Steel	STW62-***-SS-RB	10.08	RTW62-***-SS-RB	8.77
		1,250	Roller			Moldon Urethane	STW62-***-UR-RB	9.56	RTW62-***-UR-RB	8.25
		1,400	Roller			V Groove	STW62-***-VG-RB	11.20	RTW62-***-VG-RB	9.89
		1,600	Precision			RollX™-WOW-PB	STW62-***-RXW-PB	11.03	RTW62-***-RXW-PB	8.91
		1,600	Roller			RollX™-WOW	STW62-***-RXW-RB	10.73	RTW62-***-RXW-RB	8.61
1,750	Roller	Ductile Iron Crowned	STW62-***-DIC-RB	10.54	RTW62-***-DIC-RB	9.23				
8"	2"	550	Ball	5 11/16"	9 1/2"	Balloon Cushion Rubb Grey	STW82-***-BARG-BB	9.56	RTW82-***-BARG-BB	8.34
		600	Roller			Moldon Alum. Rubber	STW82-***-MAR-RB	8.71	RTW82-***-MAR-RB	7.49
		600	Roller			Moldon Rubber	STW82-***-MR-RB	11.33	RTW82-***-MR-RB	10.11
		600	Roller			Polyolefin	STW82-***-POX-RB	7.00	RTW82-***-POX-RB	5.78
		600	Roller			ProTech™ Crown	STW82-***-PRO-RB	8.02	RTW82-***-PRO-RB	6.80
		650	Roller			ProTech™ Flat	STW82-***-PROF-RB	7.98	RTW82-***-PROF-RB	6.76
		1,000	Roller			Moldon Poly. Urethane	STW82-***-MPU-RB	8.17	RTW82-***-MPU-RB	6.95
		1,000	Roller			Moldon Urethane Crown	STW82-***-URC-RB	11.61	RTW82-***-URC-RB	10.39
		1,100	Roller			High Temp. Phenolic (475°)	STW82-***-HTPH-RB	9.54	RTW82-***-HTPH-RB	8.32
		1,100	Roller			Envirothane™	STW82-***-U-RB	8.79	RTW82-***-U-RB	7.57
		1,100	Precision			Envirothane™ Grey - PB	STW82-***-UG-PB	8.66	RTW82-***-UG-PB	7.44
		1,100	Roller			Envirothane™ Grey - RB	STW82-***-UG-RB	8.79	RTW82-***-UG-RB	7.57
		1,100	Precision			Envirothane™ Grey Crowned - PB	STW82-***-UGC-PB	8.72	RTW82-***-UGC-PB	7.50
		1,200	Roller			ALThane™	STW82-***-ALT-RB	7.85	RTW82-***-ALT-RB	6.63
		1,200	Precision			Freedom™	STW82-***-FDM-PB	9.69	RTW82-***-FDM-PB	8.48
		1,200	Roller			Lava™	STW82-***-LV-RB	7.73	RTW82-***-LV-RB	6.51
		1,300	Roller			Lava™-WOW	STW82-***-LVW-RB	8.09	RTW82-***-LVW-RB	6.88
		1,400	Roller			Nyroll™	STW82-***-NYN-RB	8.30	RTW82-***-NYN-RB	7.08
		1,400	Roller			Phenolic	STW82-***-PH-RB	9.45	RTW82-***-PH-RB	8.23
		1,400	Roller			RollX™	STW82-***-RX-RB	7.68	RTW82-***-RX-RB	6.46
		1,400	Roller			Solid Steel	STW82-***-SS-RB	12.98	RTW82-***-SS-RB	11.76
		1,400	Roller			Semi Steel	STW82-***-ST-RB	12.98	RTW82-***-ST-RB	11.76
		1,400	Roller			V Groove	STW82-***-VG-RB	14.85	RTW82-***-VG-RB	13.63
		1,500	Roller			Moldon Alum. Urethane	STW82-***-MAU-RB	8.89	RTW82-***-MAU-RB	7.67
		1,500	Roller			Moldon Urethane	STW82-***-UR-RB	12.05	RTW82-***-UR-RB	10.83
		1,800	Roller			RollX™-WOW	STW82-***-RXW-RB	8.09	RTW82-***-RXW-RB	6.88

\* Caster weight based on Standard Plate

# TWISTER SERIES

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## STEMS

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

CUSTOM DIAMETERS: any  
STANDARD LENGTHS: any



### 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"