



# TYPHOON KINGPINFREE™ 3,500 LBS SERIES

Available in Stainless Steel (see Typhoon9 Series)



## FEATURES

**KINGPIN:** Kingpinfree  
**RACEWAY:** 2 3/4" and 3 1/4" diameter raceway; 1/2" diameter hardened steel ball bearings  
**BUSHING:** Roller bearings with drilled hardened steel spanner bushing and steel side washers

**AXLE&NUT:** 3/4" axle and lock nut  
**FINISH:** Corrosion resistant bright zinc  
**LUBRICATION:** Grease nipple in race  
**HARDENED:** Raceway  
**LEGS:** 5/16" thick, double welded  
**LEG SPACING:** 3" and 3 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:

- PCB PolyCam Brake
- TSB Thumb Screw Brake
- UWB Universal Wheel Brake
- 4PSL 4 Position Swivel Lock
- C Raceway Seal
- DB Delrin Bearing
- PB Precision Ball Bearing
- PBB Precision Ball Bearing
- RB Roller Bearing
- TB Tapered Bearing
- OH Special Overall Height
- Z Zerk Axle

### FINISHES:

Inquiries on other finishes welcome

Diameter	Tread Width	Capacity Lbs.	Bearing Type	Swivel Radius	Overall Height	Wheel Type	Swivel	Caster Weight (lbs)	Rigid	Caster Weight (lbs)
6"	2 1/2"	700	Roller	4 1/4"	7 1/2"	Moldon Rubber	STY625-***-MR-RB	15.08	RTY625-***-MR-RB	13.18
		1,200	Roller			Envirothane™	STY625-***-U-RB	11.88	RTY625-***-U-RB	9.98
		1,200	Precision			Envirothane™ Grey - PB	STY625-***-UG-PB	11.72	RTY625-***-UG-PB	9.82
		1,200	Roller			Envirothane™ Grey - RB	STY625-***-UG-RB	11.88	RTY625-***-UG-RB	9.98
		1,300	Roller			ALTHane™	STY625-***-ALT-RB	11.08	RTY625-***-ALT-RB	9.18
		1,600	Roller			Phenolic	STY625-***-PH-RB	12.78	RTY625-***-PH-RB	10.88
		1,600	Roller			Moldon Urethane	STY625-***-UR-RB	15.80	RTY625-***-UR-RB	13.90
		1,800	Roller			Solid Steel	STY625-***-SS-RB	19.00	RTY625-***-SS-RB	17.10
	2,000	Roller	V Groove	STY625-***-VG-RB	17.48	RTY625-***-VG-RB	15.58			
	3,500	Precision	NyRock™	STY625-***-NYX-PB	12.28	RTY625-***-NYX-PB	10.38			
	3"	750	Roller	4 1/4"	7 1/2"	Moldon Rubber	STY63-***-MR-RB	17.02	RTY63-***-MR-RB	14.67
		750	Tapered			Moldon Rubber - TB	STY63-***-MR-TB	16.51	RTY63-***-MR-TB	14.16
		1,750	Roller			Lava™-WOW (475°)	STY63-***-LWV-RB	12.93	RTY63-***-LWV-RB	10.58
		1,750	Tapered			Lava™-WOW - TB (475°)	STY63-***-LWV-TB	11.60	RTY63-***-LWV-TB	9.25
		2,000	Roller			Phenolic	STY63-***-PH-RB	14.64	RTY63-***-PH-RB	12.29
		2,000	Roller			Moldon Urethane	STY63-***-UR-RB	18.14	RTY63-***-UR-RB	15.79
2,000		Tapered	Moldon Urethane - TB			STY63-***-UR-TB	19.61	RTY63-***-UR-TB	17.26	
2,500		Roller	Solid Steel			STY63-***-SS-RB	21.94	RTY63-***-SS-RB	19.59	
2,500	Tapered	Solid Steel - TB	STY63-***-SSR-TB	20.39	RTY63-***-SSR-TB	18.04				
3,000	Tapered	HD Moldon Urethane - TB	STY63-***-URH-TB	17.89	RTY63-***-URH-TB	15.54				
3,250	Roller	RollX™-WOW	STY63-***-RXW-RB	12.93	RTY63-***-RXW-RB	10.58				
3,250	Tapered	RollX™-WOW - TB	STY63-***-RXW-TB	11.60	RTY63-***-RXW-TB	9.25				
3,500	Tapered	Ductile Iron - TB	STY63-***-DI-TB	19.64	RTY63-***-DI-TB	17.29				
3,500	Tapered	Ductile Iron Crowned - TB	STY63-***-DIC-TB	22.91	RTY63-***-DIC-TB	20.56				
3,500	Tapered	Forged Steel - TB	STY63-***-FS-TB	30.39	RTY63-***-FS-TB	28.04				
3,500	Precision	NyRock™	STY63-***-NYX-PB	13.37	RTY63-***-NYX-PB	11.02				
3,500	Tapered	Solid Steel - TB	STY63-***-SS-TB	18.49	RTY63-***-SS-TB	16.14				
3,500	Roller	V Groove	STY63-***-VG-RB	22.24	RTY63-***-VG-RB	19.89				
3,500	Tapered	V Groove - TB	STY63-***-VGF-TB	28.89	RTY63-***-VGF-TB	26.54				
8"	2 1/2"	850	Roller	5 7/8"	9 1/2"	Moldon Rubber	STY825-***-MR-RB	18.56	RTY825-***-MR-RB	16.55
		1,400	Roller			ALTHane™	STY825-***-ALT-RB	12.88	RTY825-***-ALT-RB	10.87
		1,600	Roller			Envirothane™	STY825-***-U-RB	14.34	RTY825-***-U-RB	12.33
		1,600	Precision			Envirothane™ Grey - PB	STY825-***-UG-PB	14.04	RTY825-***-UG-PB	12.02
		1,600	Roller			Envirothane™ Grey - RB	STY825-***-UG-RB	14.16	RTY825-***-UG-RB	12.15
		1,800	Roller			Solid Steel	STY825-***-SS-RB	24.84	RTY825-***-SS-RB	22.83
		2,000	Roller			Phenolic	STY825-***-PH-RB	15.25	RTY825-***-PH-RB	13.24
		2,000	Roller			Moldon Urethane	STY825-***-UR-RB	21.20	RTY825-***-UR-RB	19.19
		2,500	Roller			V Groove	STY825-***-VG-RB	23.48	RTY825-***-VG-RB	21.47
		3,500	Precision			NyRock™	STY825-***-NYX-PB	15.09	RTY825-***-NYX-PB	13.08



PCB POLYCAM BRAKE

UWB UNIVERSAL WHEEL BRAKE

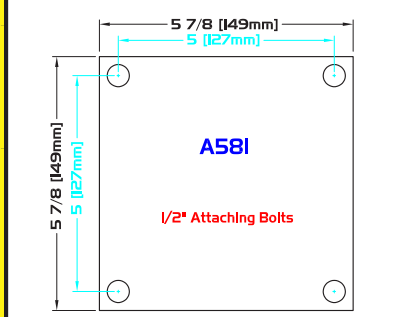
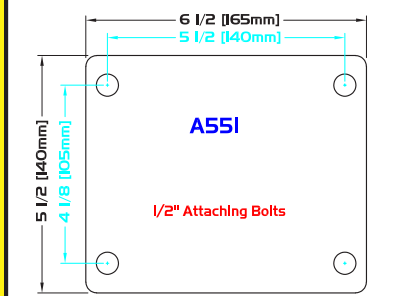
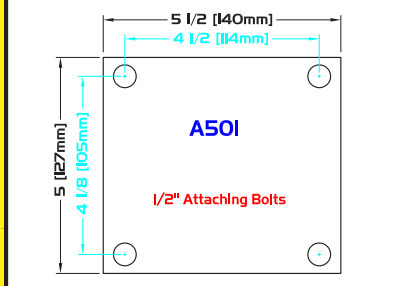
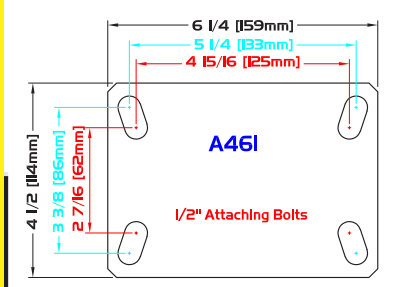
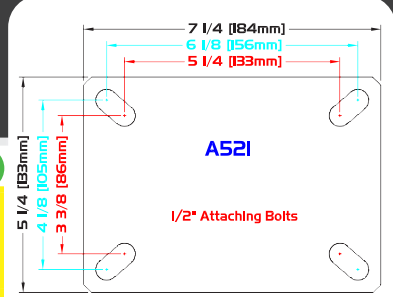
# TYPHOON SERIES

STANDARD PLATE: A52I

A52I

1 - Plate Thickness: 5/16"

## 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)	
8"	3"	900	Roller	5 7/8"	9 1/2"	Moldon Rubber	STY83***-MR-RB	20.89	RTY83***-MR-RB	18.42	
		900	Tapered Roller			Moldon Rubber - TB	STY83***-MR-TB	20.89	RTY83***-MR-TB	18.43	
		2,100	Roller			Lava™-WOW (475°)	STY83***-LVW-RB	15.00	RTY83***-LVW-RB	12.53	
		2,100	Tapered Roller			Lava™-WOW - TB (475°)	STY83***-LVW-TB	13.67	RTY83***-LVW-TB	11.20	
		2,500	Roller			Phenolic	STY83***-PH-RB	16.64	RTY83***-PH-RB	14.18	
		2,500	Roller			Solid Steel	STY83***-SS-RB	24.74	RTY83***-SS-RB	26.28	
		2,500	Roller			Moldon Urethane	STY83***-UR-RB	23.08	RTY83***-UR-RB	20.62	
		2,500	Tapered Roller			Moldon Urethane - TB	STY83***-UR-TB	26.59	RTY83***-UR-TB	24.13	
		3,500	Tapered Roller			Ductile Iron - TB	STY83***-DI-TB	25.21	RTY83***-DI-TB	22.75	
		3,500	Tapered Roller			Ductile Iron Crowned - TB	STY83***-DIC-TB	27.37	RTY83***-DIC-TB	24.91	
		3,500	Tapered Roller			Forged Steel - TB	STY83***-FS-TB	44.89	RTY83***-FS-TB	42.43	
		3,500	Precision Roller			NyRock™	STY83***-NYX-PB	16.66	RTY83***-NYX-PB	14.19	
		3,500	Roller			RollX™-WOW	STY83***-RXW-RB	15.00	RTY83***-RXW-RB	12.53	
		3,500	Tapered Roller			RollX™-WOW - TB	STY83***-RXW-TB	13.67	RTY83***-RXW-TB	11.20	
		3,500	Tapered Roller			Solid Steel - TB	STY83***-SS-TB	21.91	RTY83***-SS-TB	19.45	
		3,500	Tapered Roller			Solid Steel - TB	STY83***-SSR-TB	33.89	RTY83***-SSR-TB	31.43	
		3,500	Tapered Roller			HD Moldon Urethane - TB	STY83***-URH-TB	25.89	RTY83***-URH-TB	23.43	
		3,500	Roller			V Groove	STY83***-VG-RB	28.02	RTY83***-VG-RB	25.56	
		3,500	Tapered Roller			V Groove - TB	STY83***-VGR-TB	33.39	RTY83***-VGR-TB	30.93	
		10"	2 1/2"			950	Roller	7 3/8"	11 1/2"	Moldon Rubber	STY1025***-MR-RB
2,000	Roller			Solid Steel	STY1025***-SS-RB	26.01	RTY1025***-SS-RB			24.27	
2,200	Roller			Moldon Urethane	STY1025***-UR-RB	24.49	RTY1025***-UR-RB			22.75	
2,500	Roller			Phenolic	STY1025***-PH-RB	17.27	RTY1025***-PH-RB			15.53	
3,300	Roller			Solid Steel	STY1025***-SSR-RB	25.97	RTY1025***-SSR-RB			24.23	
3,500	Precision Roller			NyRock™	STY1025***-NYX-PB	18.55	RTY1025***-NYX-PB			16.81	
10"	3"		1,000	Roller	Moldon Rubber	STY103***-MR-RB	25.25			RTY103***-MR-RB	23.06
			1,000	Tapered Roller	Moldon Rubber - TB	STY103***-MR-TB	27.42			RTY103***-MR-TB	25.23
			2,500	Roller	Solid Steel	STY103***-SS-RB	29.95			RTY103***-SS-RB	27.76
			2,800	Roller	Lava™-WOW (475°)	STY103***-LVW-RB	17.75			RTY103***-LVW-RB	15.50
			2,800	Tapered Roller	Lava™-WOW - TB (475°)	STY103***-LVW-TB	16.42			RTY103***-LVW-TB	14.17
			2,900	Roller	Phenolic	STY103***-PH-RB	19.83			RTY103***-PH-RB	17.64
			3,000	Roller	Moldon Urethane	STY103***-UR-RB	27.87			RTY103***-UR-RB	25.68
			3,000	Tapered Roller	Moldon Urethane - TB	STY103***-UR-TB	32.84			RTY103***-UR-TB	30.65
			3,500	Tapered Roller	Ductile Iron - TB	STY103***-DI-TB	36.94			RTY103***-DI-TB	34.75
			3,500	Tapered Roller	Ductile Iron Crowned - TB	STY103***-DIC-TB	37.64			RTY103***-DIC-TB	35.45
12"	2 1/2"	950	Roller	9"	13 1/2"	Solid Steel	STY1225***-MR-RB	26.13	RTY1225***-MR-RB	24.01	
		2,000	Roller			Solid Steel	STY1225***-SS-RB	29.71	RTY1225***-SS-RB	27.59	
		2,500	Roller			Moldon Urethane	STY1225***-UR-RB	30.09	RTY1225***-UR-RB	27.97	
		3,000	Roller			Phenolic	STY1225***-PH-RB	21.65	RTY1225***-PH-RB	19.53	
	3,500	Precision Roller	NyRock™			STY1225***-NYX-PB	22.65	RTY1225***-NYX-PB	20.53		
	12"	3"	1,200			Roller	Moldon Rubber	STY123***-MR-RB	30.15	RTY123***-MR-RB	27.58
			2,500			Roller	Solid Steel	STY123***-SS-RB	35.69	RTY123***-SS-RB	33.12
			2,500			Tapered Roller	Solid Steel - TB	STY123***-SSR-TB	35.84	RTY123***-SSR-TB	33.27
			3,500			Tapered Roller	Ductile Iron - TB	STY123***-DI-TB	40.71	RTY123***-DI-TB	38.14
			3,500			Tapered Roller	Ductile Iron Crowned - TB	STY123***-DIC-TB	47.38	RTY123***-DIC-TB	44.81
			3,500			Tapered Roller	Forged Steel - TB	STY123***-FS-TB	94.84	RTY123***-FS-TB	92.27
			3,500			Roller	Lava™-WOW (475°)	STY123***-LVW-RB	21.56	RTY123***-LVW-RB	19.00
			3,500			Tapered Roller	Lava™-WOW - TB (475°)	STY123***-LVW-TB	20.23	RTY123***-LVW-TB	17.67
			3,500			Precision Roller	NyRock™	STY123***-NYX-PB	25.53	RTY123***-NYX-PB	22.96
3,500			Roller	Phenolic	STY123***-PH-RB	23.39	RTY123***-PH-RB	20.82			
3,500	Roller	RollX™-WOW	STY123***-RXW-RB	21.56	RTY123***-RXW-RB	19.00					
3,500	Tapered Roller	RollX™-WOW - TB	STY123***-RXW-TB	20.23	RTY123***-RXW-TB	17.67					
3,500	Tapered Roller	Solid Steel - TB	STY123***-SS-TB	38.50	RTY123***-SS-TB	35.93					
3,500	Roller	Moldon Urethane	STY123***-UR-RB	33.43	RTY123***-UR-RB	30.86					
3,500	Tapered Roller	Moldon Urethane - TB	STY123***-UR-TB	41.06	RTY123***-UR-TB	38.49					
3,500	Tapered Roller	HD Moldon Urethane - TB	STY123***-URH-TB	34.34	RTY123***-URH-TB	31.77					

\* Caster weight based on Standard Plate