

31 / 32 / TS Medium Duty –Stainless Steel Series

Durable Superior Casters®



Stainless Steel

This medium heavy duty caster series is made to withstand harsh environments and applications that would normally rust and corrode standard zinc plated casters; all metal parts are made entirely out of high quality 304 STAINLESS STEEL. The 31 /32 caster series has the same durable design and features as our popular 27 / 28 series; offering exceptional quality, functionality, value and availability! To offer fast deliveries and competitive prices, we mass produce and stock all the parts; required to quickly assemble these high quality casters to your desired specifications. The TS series features a Total-lock brake design providing a way to simultaneously lock both the swivel raceway and the wheel with the depression of a single pedal; making the unit stationary. These series are designed, formed and welded for optimal strength and mobility, to withstand the rigors and abuses typical for medium heavy duty caster applications. Double ball raceways and a 5/8" nut & bolt kingpin are standard features. A huge selection of wash down friendly wheels, bearings, brakes and options are available. Popular applications include; clean rooms, laboratories, medical & hospital facilities, animal cages, pharmaceutical plants, autoclaves, food processing, bakeries, dairy, food service, catering, hospitality, chemical factories, marine environments, fisheries, cruise ships, etc.

- All metal parts made from 304 STAINLESS STEEL. 100% washable.
- Double ball raceways offer smooth swiveling action, strength and long service life.
- TS series features a Total-lock brake design that simultaneously locks the swivel raceway and the wheel.
- Features a wide range of wash down friendly, high temperature and autoclavable wheels.
- Zerk grease fitting in raceway & axle for easy maintenance.
- Standard 5/8" nut & bolt kingpin.
- Precision bearings available for ergonomic mobility.
- NSF Listed.
- Standard stock series = Quick deliveries.



Options



Tech-Lock Pedal Brake (H)



Top Lock Brake (T)



4-Position Lock (P)



Raceway Seals (L)
Thermo-plastic - up to 140° F



Raceway Seals (2) H.T.
Neoprene -up to 380° F

Fastening Options (Replace ** in part number with desired plate code)

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
17	4 x 4-1/2	2-5/8 x 3-5/8 to 3 x 3	3/8

4-Position Lock Bolt-on.
Order Separately
Part# 4PSL31



Nomadic™ Flat Tread		Thermo-Pro™				Poly-Pro™ Flat Tread				Polymadic™ Premium Polyurethane		
I	A	A	I	T	X	Y	Z	K	M	U	W	H

Polyon MaxRok™		Dura-Lastomer®	Ergo-Lastomer™	Rubber on Nylon	Polyolefin	Nylon	MaxRok™	RokHard™	Phenolic	MaxRok™ V-Groove	HT Phenolic High Temp	BrimStone® High Temp	SteROLLizer® High Temp
G	K												

RoHS Compliant



Only Superior Casters are Durable! • 58



ORDERING INSTRUCTIONS: 31 Series Swivel Caster Part Numbers shown below

-For Rigid casters change prefix 31 to 32

-For Total-Locking casters change prefix 31 to TS

Dia	Tread Width	Wheel Type	Load Cap	Roller Bearing 05	Scaled Precision BB 6S, 72	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	+Color	Overall Height	Swivel Radius
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
4	2	Nomadic™	400	31NM40JB0517YY	31NM40JB6S17YY	31NM40JB##17YY		5-5/8	3-3/16
		Rubber on Nylon	400	31NR40JB0517YY	31NR40JB6S17YY	31NR40JB##17YY			
		Thermo-Pro™	300	31TP40J+0517YY	31TP40J+6S17YY	31TP40J+##17YY	I,T,X,Y		
		Polyolefin	500	31PO40JB0517YY	31PO40JB6S17YY	31PO40JB##17YY			
		Nylon	800	31NY40JE0517YY	31NY40JE6S17YY	31NY40JE##17YY			
		RokHard™	800	31HI40JB0517YY	31HI40JB6S17YY	31HI40JB##17YY			
		BrimStone®	800	31GN40JQ0517YY	31GN40JQ6S17YY	31GN40JQ##17YY			
		MaxRok™	800	31MA40JB0517YY	31MA40JB6S17YY	31MA40JB##17YY			
		Phenolic	800	31PH40JB0517YY	31PH40JB6S17YY	31PH40JB##17YY			
		High-Temp Phenolic	600	31HT40JQ0517YY		31HT40JQ9617YY			
		Polyon MaxRok™	700	31MU40J+0517YY	31MU40J+7217YY	31MU40J+##17YY	G,K		
		Poly-Pro™	500	31PP40J+0517YY	31PP40J+6S17YY	31PP40J+##17YY	I,D,K,U,W		
		Poly-Pro™	500	31PP40JM0517YY	31PP40JM7217YY	31PP40JM##17YY			
		Polymadic™	600	31PM40JI0517YY	31PM40JI7217YY	31PM40JI##17YY			
		DuraLastomer®	750	31SU40JL0517YY	31SU40JL6S17YY	31SU40JL##17YY			
ErgoLastomer™	1000	31HU40JI0517YY	31HU40JI7217YY	31HU40JI##17YY					
MaxRok™ V-Groove	800	31MV40JT0517YY	31MV40JT6S17YY	31MV40JT##17YY					
5	2	Nomadic™	500	31NM50JB0517YY	31NM50JB6S17YY	31NM50JB##17YY		6-1/2	4-7/8
		Rubber on Nylon	450	31NR50JB0517YY	31NR50JB6S17YY	31NR50JB##17YY			
		Thermo-Pro™	350	31TP50J+0517YY	31TP50J+6S17YY	31TP50J+##17YY	I,T,X,Y		
		Polyolefin	650	31PO50JB0517YY	31PO50JB6S17YY	31PO50JB##17YY			
		Nylon	900	31NY50JE0517YY	31NY50JE6S17YY	31NY50JE##17YY			
		RokHard™	1000	31HI50JB0517YY	31HI50JB6S17YY	31HI50JB##17YY			
		BrimStone®	1000	31GN50JQ0517YY	31GN50JQ6S17YY	31GN50JQ##17YY			
		SteROLLizer®	375	31SL50JO0517YY	31SL50JO7217YY	31SL50JO9617YY			
		MaxRok™	1000	31MA50JB0517YY	31MA50JB6S17YY	31MA50JB##17YY			
		Phenolic	1000	31PH50JB0517YY	31PH50JB6S17YY	31PH50JB##17YY			
		High-Temp Phenolic	750	31HT50JQ0517YY		31HT50JQ9617YY			
		Polyon MaxRok™	1000	31MU50J+0517YY	31MU50J+7217YY	31MU50J+##17YY	G,K		
		Poly-Pro™	600	31PP50J+0517YY	31PP50J+6S17YY	31PP50J+##17YY	I,D,K,U,W		
		Poly-Pro™	600	31PP50JM0517YY	31PP50JM7217YY	31PP50JM##17YY			
		Polymadic™	750	31PM50JI0517YY	31PM50JI7217YY	31PM50JI##17YY			
DuraLastomer®	900	31SU50JL0517YY	31SU50JL6S17YY	31SU50JL##17YY					
ErgoLastomer™	1250	31HU50JI0517YY	31HU50JI7217YY	31HU50JI##17YY					
6	2	Nomadic™	600	31NM60JB0517YY	31NM60JB6S17YY	31NM60JB##17YY		7-1/2	4-3/8
		Rubber on Nylon	550	31NR60JB0517YY	31NR60JB6S17YY	31NR60JB##17YY			
		Thermo-Pro™	500	31TP60J+0517YY	31TP60J+6S17YY	31TP60J+##17YY	I,T,X,Y		
		Polyolefin	700	31PO60JB0517YY	31PO60JB6S17YY	31PO60JB##17YY			
		Nylon	1000	31NY60JE0517YY	31NY60JE6S17YY	31NY60JE##17YY			
		RokHard™	1200	31HI60JB0517YY	31HI60JB6S17YY	31HI60JB##17YY			
		BrimStone®	1100	31GN60JQ0517YY	31GN60JQ6S17YY	31GN60JQ##17YY			
		MaxRok™	1200	31MA60JB0517YY	31MA60JB6S17YY	31MA60JB##17YY			
		Phenolic	1200	31PH60JB0517YY	31PH60JB6S17YY	31PH60JB##17YY			
		High-Temp Phenolic	900	31HT60JQ0517YY		31HT60JQ9617YY			
		Polyon MaxRoc™	1200	31MU60J+0517YY	31MU60J+7217YY	31MU60J+##17YY	G,K		
		Poly-Pro™	720	31PP60J+0517YY	31PP60J+6S17YY	31PP60J+##17YY	I,D,K,U,W		
		Poly-Pro™	720	31PP60JM0517YY	31PP60JM7217YY	31PP60JM##17YY	H,M		
		Polymadic™	900	31PM60JI0517YY	31PM60JI7217YY	31PM60JI##17YY			
		DuraLastomer®	1000	31SU60JL0517YY	31SU60JL6S17YY	31SU60JL##17YY			
ErgoLastomer™	1250	31HU60JI0517YY	31HU60JI7217YY	31HU60JI##17YY					
8	2	Nomadic™	700	31NM80JB0517YY	31NM80JB6S17YY	31NM80JB##17YY		9-1/2	5-3/4
		Rubber on Nylon	600	31NR80JB0517YY	31NR80JB6S17YY	31NR80JB##17YY			
		Thermo-Pro™	600	31TP80J+0517YY	31TP80J+6S17YY	31TP80J+##17YY	I,T,X,Y		
		Polyolefin	900	31PO80JB0517YY	31PO80JB6S17YY	31PO80JB##17YY			
		Nylon	1100	31NY80JE0517YY	31NY80JE6S17YY	31NY80JE##17YY			
		RokHard™	1250	31HI80JB0517YY	31HI80JB6S17YY	31HI80JB##17YY			
		BrimStone®	1200	31GN80JQ0517YY	31GN80JQ6S17YY	31GN80JQ##17YY			
		MaxRok™	1250	31MA80JB0517YY	31MA80JB6S17YY	31MA80JB##17YY			
		Phenolic	1250	31PH80JB0517YY	31PH80JB6S17YY	31PH80JB##17YY			
		High-Temp Phenolic	1100	31HT80JQ0517YY		31HT80JQ9617YY			
		Polyon MaxRoc™	1250	31MU80J+0517YY	31MU80J+7217YY	31MU80J+##17YY	G,K		
		Poly-Pro™	800	31PP80J+0517YY	31PP80J+6S17YY	31PP80J+##17YY	I,D,K,U,W		
		Poly-Pro™	800	31PP80JM0517YY	31PP80JM7217YY	31PP80JM##17YY	H,M		
		Polymadic™	1000	31PM80JI0517YY	31PM80JI7217YY	31PM80JI##17YY			
		DuraLastomer®	1000	31SU80JL0517YY	31SU80JL6S17YY	31SU80JL##17YY			
ErgoLastomer™	1250	31HU80JI0517YY	31HU80JI7217YY	31HU80JI##17YY					