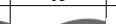
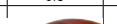
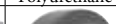




37 / 38 Spring Loaded Medium-Heavy Duty Series

Durable Superior Casters®

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

Polyon™		Polyon AL™		Polyon MaxRok™		PolyFlexon® Cast (Round)	PolyFlexon® (Round)	Champion™	EnergySaver Polyon™	Dura Lastomer®	Ergo Lastomer™
G	V	N	R	G	K						

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 37 to 38					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
5	2	Nomadic™	500	37NM50JB0419YY			37NM50JB4819YY		
		Rubber on Nylon	450	37NR50JB0419YY	37NR50JB0919YY		37NR50JB4819YY	37NR50JB##19YY	
		Rubber on Aluminum	500	37RA50JB0419YY			37RA50JB6019YY	37RA50JB##19YY	
		Mold-On Rubber	400	37RS50JB0419YY					
		Thermo-Pro™	350				37TP50Jl6319YY		
		Thermo-Pro™	350	37TP50J+0419YY	37TP50J+0919YY		37TP50J+6019YY	37TP50J+##19YY	I,T,X,Y
		Polyolefin	650	37PO50JB0419YY	37PO50JB0919YY		37PO50JB6019YY	37PO50JB##19YY	
		Nylon	700	37NY50JE0419YY	37NY50JE0919YY		37NY50JE6019YY	37NY50JE##19YY	
		RokHard™	700	37HI50JB0419YY	37HI50JB0919YY		37HI50JB6019YY	37HI50JB##19YY	
		MaxRok™	700	37MA50JB0419YY	37MA50JB0919YY		37MA50JB6019YY	37MA50JB##19YY	
		Phenolic	700	37PH50JB0419YY	37PH50JB0919YY		37PH50JB6019YY	37PH50JB##19YY	
		Polyon MaxRok™	700	37MU50J+0419YY	37MU50J+0919YY		37MU50J+6319YY	37MU50J+##19YY	G,K
		Polyon AL™	700	37PA50J+0419YY			37PA50J+6019YY	37PA50J+##19YY	N,R
		Poly-Pro™	650	37PP50J+0419YY	37PP50J+0919YY		37PP50J+6019YY	37PP50J+##19YY	I,D,K,U,W
		Poly-Pro™	650	37PP50JM0419YY	37PP50JM0919YY		37PP50JM6319YY	37PP50JM##19YY	
		Polymadic™	700	37PM50JI0419YY	37PM50JI0919YY		37PM50JI##19YY	27PM50JI##19YY	
		Polyon™	700			37PU50JV7319YY	37PU50JV6319YY		
		Polyon™	700	37PU50J+0419YY				37PU50J+##19YY	G,V
		EnergySaver Polyon™	700	37SW50JU0419YY					
		PolyFlexon® Cast	700	37RP50JK0419YY			37RP50JK6319YY		
		DuraLastomer®	700		37SU50JL0919YY		37SU50JL6019YY	37SU50JL##19YY	
ErgoLastomer™	700	37HU50JI0419YY	37HU50JI0919YY	37HU50JI7319YY	37HU50JI6319YY	37HU50JI##19YY			
Semi-Steel	700	37SS50JS0419YY				37SS50JS##19YY			
Heavy Duty Iron	700	37HS50JS0419YY			37HS50JS6319YY				
Ductile	700	37DS50JR0419YY		37DS50JR7319YY	37DS50JR6319YY				
EnergySaver Ductile™	700	37CD50JR0419YY							
Iron V-Groove	700	37VG50JT0419YY							
6	2	Nomadic™	550	37NM60JB0419YY			37NM60JB4819YY		
		Rubber on Nylon	550	37NR60JB0419YY	37NR60JB0919YY			37NR60JB##19YY	
		Dura Cushion™	350	37BC60J-0419YY			37BC60J+6319YY	37BC60J+##19YY	X,Z
		Rubber on Aluminum	550	37RA60JB0419YY			37RA60JB6019YY	37RA60JB##19YY	
		Low Profile Rubber	600	37LP60JB0419YY					
		Mold-On Rubber	550	37RS60JB0419YY					
		Supreme Rubber™	700			37RH60JS7319YY			
		Thermo-Pro™	550	37TP60J+0419YY	37TP60J+0919YY		37TP60J+6019YY	37TP60J+##19YY	I,T,X,Y
		Polyolefin	650	37PO60JB0419YY	37PO60JB0919YY		37PO60JB6019YY	37PO60JB##19YY	
		Nylon	700	37NY60JE0419YY	37NY60JE0919YY		37NY60JE6019YY	37NY60JE##19YY	
		RokHard™	700	37HI60JB0419YY	37HI60JB0919YY		37HI60JB6019YY	37HI60JB##19YY	
		MaxRok™	700	37MA60JB0419YY	37MA60JB0919YY		37MA60JB6019YY	37MA60JB##19YY	
		Phenolic	700	37PH60JB0419YY	37PH60JB0919YY		37PH60JB6019YY	37PH60JB##19YY	
		Polyon MaxRok™	700	37MU60J+0419YY	37MU60J+0919YY		37MU60J+6319YY	37MU60J+##19YY	G,K
		Polyon AL™	700	37PA60J+0419YY			37PA60J+6019YY	37PA60J+##19YY	N,R
		Poly-Pro™	700	37PP60J+0419YY	37PP60J+0919YY		37PP60J+6019YY	37PP60J+##19YY	I,D,K,U,W
		Poly-Pro™	700	37PP60JM0419YY	37PP60JM0919YY		37PP60J+6319YY	37PP60JM##19YY	H,M
		Polymadic™	700	37PM60JI0419YY	37PM60JI0919YY		37PM60JI##19YY	37PM60JI##19YY	
		Polyon™	700			37PU60JV7319YY	37PU60JV6319YY		
		Polyon™	700	37PU60J+0419YY				37PU60J+##19YY	G,V
		EnergySaver Polyon™	700	37SW60JU0419YY		37SW60JU7319YY	37SW60JU6319YY		
PolyFlexon® Cast™	700				37RP60JK4819YY				
PolyFlexon®	700				37UA60JN6319YY				
Champion™	700				37CP60JN6419YY				
DuraLastomer®	700		37SU60JL0919YY		37SU60JL6019YY	37SU60JL##19YY			
ErgoLastomer™	700	37HU60JI0419YY	37HU60JI0919YY	37HU60JI7319YY	37HU60JI6319YY	37HU60JI##19YY			
Semi-Steel	700	37SS60JS0419YY				37SS60JS##19YY			
Heavy Duty Iron	700	37HS60JS0419YY			37HS60JS6319YY				
Ductile	700	37DS60JR0419YY		37DS60JR7319YY	37DS60JR6319YY				
EnergySaver Ductile™	700	37CD60JR0419YY							
Forged Steel	700	37FS60JS0419YY		37FS60JS7319YY					
Iron V-Groove	700	37VG60JT0419YY							
Ductile V-Groove	700	37DV60JT0419YY			37DV60JT6319YY				

43 / 44 Medium Heavy Duty Series - Up to 1,500 lbs.

Durable Superior Casters®



The 43 / 44 medium heavy duty series offers increased weight capacity and durability in the 2" tread widths as well as introduces larger wheel sizes up to 10" x 2-1/2" at economical prices. Yoke construction is made from 1/4" thick cold rolled steel; double ball raceways are deeply formed, polished and heat treated, offering a smooth swivel action and superior durability. Legs are designed and formed for resistance to side thrust failure and are robotically welded to a large 3-1/4" diameter raceway. Raceways & top plate are held together with a 3/4" heat treated nut & bolt kingpin and has a 1/2" axle. Zerk grease fittings come in the swivel raceway & wheel axle and in most wheel hubs. There are nearly 40 wheels and dozens of bearings, brakes and options to choose from. Common applications include various material handling carts, A-Frames, terminal dollies, gantries, hoppers, ground support equipment, trash containers, and various other medium heavy duty equipment.

- Large heat treated double ball raceways offer smooth swiveling action, strength and long service life.
- Series introduce larger wheel sizes up to 10 x 2-1/2 at economical prices.
- 3/4" kingbolt.
- Zinc plated finish is attractive & corrosion resistant.
- Large selection of wheels & brake options.
- Zerk grease fittings in raceway and wheel axle.
- Majority of series and wheel types are NSF Listed.
- Standard stock series = Quick Deliveries.



Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	1/2

Wheel Diameter	Overall Height	Swivel Radius
4	5-5/8	3-3/8
5	6-1/2	4
6	7-1/2	4-3/4
8	10-1/8	5-1/2
8	9-1/2" Optional Height - (Change part# diameter designator from 80 to 81)	5-1/2
10	11-1/2	7

Options



Top Lock Brake (T)



A-Cam Brake (A)



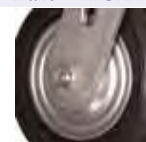
Cam-Lock Brake (C)



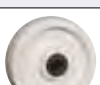
4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately Part# 4PSL27



Thread Guards (G)

												
Low Profile Mold-on Rubber	Mold-on Rubber	Supreme Rubber™	Rubber on Nylon	Rubber on Aluminum	Dura Cushion™ (X)	Dura Cushion™ (Z)	Eco-Rubber™	HT Phenolic High Temp	BrimStone® High Temp	SteROLLizer AL® High Temp	Polyolefin	
												
Nylon	DuraMax™	RokHard™	Phenolic	Semi-Steel	Heavy Duty Iron	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel	Solid Steel V-Groove	RustFree V-Groove	V-Groove	Ductile V-Groove

RoHS Compliant



Only Superior Casters are Durable! • 62



43 / 44 Medium Heavy Duty Series - Up to 1,500 lbs.

Durable Superior Casters®

Nomadic™		Thermo-Pro™						Poly-Pro™						Polymadic™
Flat Tread		Flat Tread			Round			Flat Tread				Round		Premium Polyurethane
I	A	A	I	T	X	Y	Z	K	M	U	W	H		
														
Polyon™		Polyon AL™		Polyon MaxRok™		PolyFlexon® Cast (Round)		PolyFlexon® (Round)	Champion™	EnergySaver Polyon™	Dura-Lastomer®	Ergo-Lastomer™		
G	V	N	R	G	K									
														

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 43 to 44					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
4	2	Yoke Only		43ZZ40JZ8319YY					
		Nomadic™	400	43NM40JB0419YY			43NM40JB4819YY		
		Rubber on Nylon	400	43NR40JB0419YY	43NR40JB0919YY		43NR40JB4819YY	43NR40JB##19YY	
		Rubber on Aluminum	400	43RA40JB0419YY				43RA40JB##19YY	
		Low Profile Rubber	300	43LP40JB0419YY					
		Mold-On Rubber	400	43RS40JB0419YY					
		Thermo-Pro™	300				43TP40J14819YY		
		Thermo-Pro™	300	43TP40J+0419YY	43TP40J+0919YY		43TP40J+4819YY	43TP40J+##19YY	I,T,X,Y
		Polyolefin	500	43PO40JB0419YY	43PO40JB0919YY		43PO40JB6019YY	43PO40JB##19YY	
		Nylon	600	43NY40JE0419YY	43NY40JE0919YY		43NY40JE6019YY		
		RokHard™	800	43HI40JB0419YY	43HI40JB0919YY		43HI40JB6019YY	43HI40JB##19YY	
		BrimStone®	800	43GN40JQ0419YY	43GN40JQ0919YY		43GN40JQ6019YY	43GN40JQ##19YY	
		MaxRok™	800	43MA40JB0419YY	43MA40JB0919YY		43MA40JB6019YY	43MA40JB##19YY	
		Phenolic	800	43PH40JB0419YY	43PH40JB0919YY		43PH40JB6019YY	43PH40JB##19YY	
		High-Temp Phenolic	600	43HT40JQ0419YY	43HT40JQ0919YY			43HT40JQ##19YY	
		Polyon MaxRok™	700	43MU40J+0419YY	43MU40J+0919YY		43MU40J+6319YY	43MU40J+##19YY	G,K
		Polyon AL™	800	43PA40J+0419YY			43PA40J+6019YY	43PA40J+##19YY	N,R
		Poly-Pro™	500	43PP40J+0419YY	43PP40J+0919YY		43PP40J+6019YY	43PP40J+##19YY	I,D,K,U,W
		Poly-Pro™	500	43PP40JTM0419YY	43PP40JTM0919YY		43PP40JTM6319YY	43PP40JTM##19YY	
		Polymadic™	600	43PM40JI0419YY	43PM40JI0919YY		43PM40JI##19YY	43PM40JI##19YY	
		Polyon™	800			43PU40JV7319YY	43PU40JV6319YY		
		Polyon™	800	43PU40J+0419YY				43PU40J+##19YY	G,V
		EnergySaver Polyon™	800	43SW40JU0419YY		43SW40JU7319YY			
		PolyFlexon® Cast	700	43RP40JK0419YY			43RP40JK4819YY	43RP40JK##19YY	
		DuraLastomer®	750		43SU40JL0919YY		43SU40JL6019YY	43SU40JL##19YY	
		ErgoLastomer™	1000	43HU40JI0419YY	43HU40JI0919YY	43HU40JI7319YY	43HU40JI6319YY	43HU40JI##19YY	
		Semi-Steel	700	43SS40JS0419YY				43SS40JS##19YY	
		Heavy Duty Iron	900	43HS40JS0419YY			43HS40JS6319YY		
		Ductile	1500	43DS40JR0419YY		43DS40JR7319YY	43DS40JR6319YY		
		EnergySaver Ductile™	1500	43CD40JR0419YY					
		MaxRok™ V-Groove	800	43MV40JT0419YY			43MV40JT6019YY	43MV40JT##19YY	
		Iron V-Groove	600	43VG40JT0419YY					
		Ductile V-Groove	1500	43DV40JT0419YY					
	1-13/16	Solid Steel V Groove	1500			43SV40IT14**YY			

5	2	Yoke Only		43ZZ50JZ8319YY					
		Nomadic™	500	43NM50JB0419YY			43NM50JB4819YY		
		Rubber on Nylon	450	43NR50JB0419YY	43NR50JB0919YY		43NR50JB4819YY	43NR50JB##19YY	
		Rubber on Aluminum	500	43RA50JB0419YY			43RA50JB6019YY	43RA50JB##19YY	
		Mold-On Rubber	400	43RS50JB0419YY					
		Thermo-Pro™	350				43TP50JI6319YY		
		Thermo-Pro™	305	43TP50J+0419YY	43TP50J+0919YY		43TP50J+6019YY	43TP50J+##19YY	I,T,X,Y
		Polyolefin	650	43PO50JB0419YY	43PO50JB0919YY		43PO50JB6019YY	43PO50JB##19YY	
		Nylon	900	43NY50JE0419YY	43NY50JE0919YY		43NY50JE6019YY	43NY50JE##19YY	
		RokHard™	1000	43HI50JB0419YY	43HI50JB0919YY		43HI50JB6019YY	43HI50JB##19YY	
		BrimStone®	1000	43GN50JQ0419YY	43GN50JQ0919YY		43GN50JQ6019YY	43GN50JQ##19YY	
		MaxRok™	1000	43MA50JB0419YY	43MA50JB0919YY		43MA50JB6019YY	43MA50JB##19YY	
		Phenolic	1000	43PH50JB0419YY	43PH50JB0919YY		43PH50JB6019YY	43PH50JB##19YY	
		High-Temp Phenolic	750	43HT50JQ0419YY	43HT50JQ0919YY			43HT50JQ##19YY	
		Polyon MaxRok™	1000	43MU50J+0419YY	43MU50J+0919YY		43MU50J+6319YY	43MU50J+##19YY	G,K
		Polyon AL™	900	43PA50J+0419YY			43PA50J+6019YY	43PA50J+##19YY	N,R
		Poly-Pro™	600	43PP50J+0419YY	43PP50J+0919YY		43PP50J+6019YY	43PP50J+##19YY	I,D,K,U,W
		Poly-Pro™	600	43PP50JM0419YY	43PP50JM0919YY		43PP50JM6319YY	43PP50JM##19YY	
		Polymadic™	750	43PM50JI0419YY	43PM50JI0919YY		43PM50JI##19YY	43PM50JI##19YY	
		Polyon™	1100			43PU50JV7319YY	43PU50JV6319YY		
		Polyon™	1100	43PU50J+0419YY				43PU50J+##19YY	G,V
		EnergySaver Polyon™	1300	43SW50JU0419YY					
		PolyFlexon® Cast	800	43RP50JK0419YY			43RP50JK6319YY		
		DuraLastomer®	900		43SU50JL0919YY		43SU50JL6019YY	43SU50JL##19YY	
		ErgoLastomer™	1400	43HU50JI0419YY	43HU50JI0919YY	43HU50JI7319YY	43HU50JI6319YY	43HU50JI##19YY	
		Semi-Steel	1000	43SS50JS0419YY				43SS50JS##19YY	
		Heavy Duty Iron	1200	43HS50JS0419YY			43HS50JS6319YY		
		Ductile	1500	43DS50JR0419YY		43DS50JR7319YY	43DS50JR6319YY		
		EnergySaver Ductile™	1500	43CD50JR0419YY					
		Iron V-Groove	900	43VG50JT0419YY					

43 / 44 Medium Heavy Duty Series - Up to 1,500 lbs.

Durable Superior Casters®



Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 43 to 44					+Color
				Roller Bearing 04, 06	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63, 64	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
6	2	Nomadic™	600	43NM60JB0419YY			43NM60JB4819YY		
		Rubber on Nylon	550	43NR60JB0419YY	43NR60JB0919YY			43NR60JB##19YY	X,Z
		Dura Cushion™	350	43BC60J-0419YY			43BC60J+6319YY	43BC60J+##19YY	
		Rubber on Aluminum	550	43RA60JB0419YY			43RA60JB6019YY	43RA60JB##19YY	
		Low Profile Rubber	600	43LP60JB0419YY					
		Mold-On Rubber	550	43RS60JB0419YY					
		Supreme Rubber™	700			43RH60JS7319YY			
		Thermo-Pro™	500	43TP60J+0419YY	43TP60J+0919YY		43TP60J+6019YY	43TP60J+##19YY	I,T,X,Y
		Polyolefin	700	43PO60JB0419YY	43PO60JB0919YY		43PO60JB6019YY	43PO60JB##19YY	
		Nylon	1000	43NY60JE0419YY	43NY60JE0919YY		43NY60JE6019YY	43NY60JE##19YY	
		RokHard™	1200	43HI60JB0419YY	43HI60JB0919YY		43HI60JB6019YY	43HI60JB##19YY	
		BrimStone®	1100	43GN60JQ0419YY	43GN60JQ0919YY		43GN60JQ6019YY	43GN60JQ##19YY	
		MaxRok™	1200	43MA60JB0419YY	43MA60JB0919YY		43MA60JB6019YY	43MA60JB##19YY	
		Phenolic	1200	43PH60JB0419YY	43PH60JB0919YY		43PH60JB6019YY	43PH60JB##19YY	
		High-Temp Phenolic	900	43HT60JQ0419YY	43HT60JQ0919YY			43HT60JQ##19YY	
		Polyon MaxRok™	1200	43MU60J+0419YY	43MU60J+0919YY		43MU60J+6319YY	43MU60J+##19YY	G,K
		Polyon AL™	1200	43PA60J+0419YY			43PA60J+6019YY	43PA60J+##19YY	N,R
		Poly-Pro™	720	43PP60J+0419YY	43PP60J+0919YY		43PP60+6019YY	43PP60J+##19YY	I,D,K,U,W
		Poly-Pro™	720	43PP60JM0419YY	43PP60JM0919YY		43PP60J+6319YY	43PP60JM##19YY	H,M
		Polymadic™	900	43PM60JI0419YY	43PM60JI0919YY		43PM60JI##19YY	43PM60JI##19YY	
		Polyon™	1200			43PU60JV7319YY	43PU60JV6319YY		
		Polyon™	1200	43PU60J+0419YY				43PU60J+##19YY	G,V
		EnergySaver Polyon™	1400	43SW60JU0419YY		43SW60JU7319YY	43SW60JU6319YY		
		PolyFlexon® Cast	900				43RP60JK4819YY		
		PolyFlexon®	900				43UA60JN6319YY		
		Champion™	1200				43CP60JN6419YY		
		DuraLastomer®	1000		43SU60JL0919YY		43SU60JL6019YY	43SU60JL##19YY	
		ErgoLastomer™	1500	43HU60JI0419YY	43HU60JI0919YY	43HU60JI7319YY	43HU60JL6319YY	43HU60JI##19YY	
Semi-Steel	1200	43SS60JS0419YY				43SS60JS##19YY			
Heavy Duty Iron	1400	43HS60JS0419YY			43HS60JS6319YY				
Ductile	1500	43DS60JR0419YY		43DS60JR7319YY	43DS60JR6319YY				
EnergySaver Ductile™	1500	43CD60JR0419YY							
Forged Steel	1500	43FS60JS0419YY		43FS60JS7319YY					
Iron V-Groove	1000	43VG60JT0419YY							
Ductile V-Groove	1500	43DV60JT0419YY			43DV60JT6319YY				
6	2-1/2	Mold-On Rubber	700	43RS60KB0619YY					
		Phenolic	1400	43PH60KB0619YY					
		Polyon™	1500	43PU60KV0619YY					
		Semi-Steel	1500	43SS60KS0619YY					
8	2	Nomadic™	700	43NM80JB0419YY			43NM80JB4819YY		
		Rubber on Nylon	600	43NR80JB0419YY	43NR80JB0919YY			43NR80JB##19YY	X,Z
		Dura Cushion™	450	43BC80J-0419YY			43BC80J+6063YY	43BC80J+##19YY	
		Rubber on Aluminum	600	43RA80JB0419YY			43RA80JB6060YY	43RA80JB##19YY	
		Mold-On Rubber	600	43RS80JB0419YY					
		Supreme Rubber™	800			43RH80JS7319YY			
		Thermo-Pro™	600	43TP80J+0419YY	43TP80J+0919YY		43TP80J+6019YY	43TP80J+##19YY	I,T,X,Y
		Polyolefin	900	43PO80JB0419YY	43PO80JB0919YY		43PO80JB6019YY	43PO80JB##19YY	
		Nylon	1100	43NY80JE0419YY	43NY80JE0919YY		43NY80JE6019YY	43NY80JE##19YY	
		RokHard™	1400	43HI80JB0419YY	43HI80JB0919YY		43HI80JB6019YY	43HI80JB##19YY	
		BrimStone®	1200	43GN80JQ0419YY	43GN80JQ0919YY		43GN80JQ6019YY	43GN80JQ##19YY	
		MaxRok™	1400	43MA80JB0419YY	43MA80JB0919YY		43MA80JB6019YY	43MA80JB##19YY	
		Phenolic	1400	43PH80JB0419YY	43PH80JB0919YY		43PH80JB6019YY	43PH80JB##19YY	
		High-Temp Phenolic	1100	43HT80JQ0419YY	43HT80JQ0919YY			43HT80JQ##19YY	
		Polyon MaxRok™	1400	43MU80J+0419YY	43MU80J+0919YY		43MU80J+6319YY	43MU80J+##19YY	G,K
		Polyon AL™	1500	43PA80J+0419YY			43PA80J+6019YY	43PA80J+##19YY	N,R
		Poly-Pro™	800	43PP80J+0419YY	43PP80J+0919YY		43PP80J+6019YY	43PP80J+##19YY	I,D,K,U,W
		Poly-Pro™	800	43PP80JM0419YY	43PP80JM0919YY		43PP80J+6319YY	43PP80JM##19YY	H,M
		Polymadic™	1000	43PM80JI0419YY	43PM80JI0919YY		43PM80JI##19YY	43PM80JI##19YY	
		Polyon™	1400			43PU80JV7319YY	43PU80JV6319YY		
		Polyon™	1400	43PU80J+0419YY				43PU80J+##19YY	G,V
		EnergySaver Polyon™	1500	43SW80JU0419YY		43SW80JU7319YY	43SW80JU6319YY		
		PolyFlexon® Cast	1000				43RP80JK6319YY		
		PolyFlexon®	1000				43UA80JN6319YY		
		Champion™	1500				43CH60JN6419YY		
		DuraLastomer®	1000		43SU80JL0919YY		43SU80JL6019YY	43SU80JL##19YY	
		ErgoLastomer™	1500	43HU80JI0419YY	43HU80JI0919YY	43HU80JI7319YY	43HU80JL6319YY	43HU80JI##19YY	
		Semi-Steel	1400	43SS80JS0419YY				43SS80JS##19YY	
Heavy Duty Iron	1500	43HS80JS0419YY			43HS80JS6319YY				
Ductile	1500	43DS80JR0419YY		43DS80JR7319YY	43DS80JR6319YY				
EnergySaver Ductile™	1500	43CD80JR0419YY							
Forged Steel	1500	43FS80JS0419YY		43FS80JS7319YY					
Iron V-Groove	1200	43VG80JT0419YY							
8	2-1/2	Mold-On Rubber	800	43RS80KB0619YY					
		Phenolic	1500	43PH80KB0619YY					
		Polyon	1500	43PU80KV0619YY					
		Semi-Steel	1500	43SS80KS0619YY					
10	2-1/2	Mold-On Rubber	1000	43RS10KB0619YY					
		Phenolic	1500	43PH10KB0619YY					
		Polyon	1500	43PU10KV0619YY					
		Semi-Steel	1500	43SS10KS0619YY					



81 Heavy Duty -Economy Industrial Grade Cold Forged Series

Durable Superior Casters®



This series offers the increased capacity, mobility & durability of using larger profile wheels, a heavy duty kingpin and thicker steel forks with the economical advantage of cold forged construction v/s hot forged construction. This is the heaviest cold forged caster series available; made from 3/8" thick cold rolled steel, both the double ball raceways and top plate are heat treated; assembled with a 3/4" diameter kingbolt for added strength and long service life.

- Heaviest cold forged steel casters available, durable & economical.
- 3/8" Thick cold rolled steel construction.
- Zerk grease fitting in raceway & wheel axle for easy maintenance.
- 3/4" Heavy duty kingbolt.
- Legs are robotically double-side welded.
- 3/4" axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Standard stock series = Quick Deliveries



Options



Face Contact Brake (F)



4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately Part# 4PSL43

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	1/2

Mold-on Rubber	Polyon™		EnergySaver-Polyon™	ErgoLastomer™	Phenolic	Semi-Steel	Ductile	EnergySaver Ductile™ (Crowned)
	G	V						

81 Heavy Duty -Economy Industrial Grade Cold Forged Series

Durable Superior Casters®



Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 81 to 82			+Color	Overall Height	Swivel Radius
				Roller Bearing: 23	Tapered Bearing: 70	Scaled Precision BB: 65			
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
5	2-1/2	Yoke Only		81ZZ50KZ8819YY				6-1/2	4-3/4
		Polyon™	1400	81PU50KG2319YY					
		Ductile Steel	1800	81DS50KR2319YY					
6	2-1/2	Yoke Only		81ZZ60KZ8819YY			G,V	7-1/2	5-1/4
		Mold-On Rubber	700	81RS60KB2319YY					
		Phenolic	1600	81PH60KB2319YY					
		Polyon™	1600	81PU60K+2319YY					
		EnergySaver Polyon™	1700	81SW60KU+2319YY	81SW60KU7019YY				
		ErgoLastomer™	1800		81HU60KI6519YY				
		Semi-Steel	1800	81SS60KS2319YY					
		Ductile Steel	1800	81DS60KR2319YY	81DS60KR7019YY				
		EnergySaver Ductile™	1800	81CD60KR2319YY	81CD60KR7019YY				
8	2-1/2	Yoke Only		81ZZ80KZ8819YY			G,V	10-1/8	6-1/4
		Mold-On Rubber	850	81RS80KB2319YY					
		Phenolic	1800	81PH80KB2319YY					
		Polyon™	1800	81PU80K+2319YY					
		EnergySaver Polyon™	1800	81SW80KU2319YY	81SW80KU7019YY				
		ErgoLastomer™	1800		81HU80KI6519YY				
		Semi-Steel	1800	81SS80KS2319YY					
		Ductile	1800	81DS80KR2319YY	81DS80KR7019YY				
		EnergySaver Ductile™	1800	81CD80KR2319YY	81CD80KR7019YY				
10	2-1/2	Yoke Only		81ZZ10KZ8819YY			G,V	11-1/2	7-1/4
		Mold-On Rubber	1000	81RS10KB2319YY					
		Phenolic	1800	81PH10KB2319YY					
		Polyon™	1800	81PU10K+2319YY					
		EnergySaver Polyon™	1800	81SW10KU2319YY	81SW10KU7019YY				
		Semi-Steel	1800	81SS10KS2319YY					
		Ductile	1800	81DS10KR2319YY	81DS10KR7019YY				

CHOOSING THE RIGHT WHEEL BEARINGS FOR YOUR APPLICATION

ROLLER BEARING



Standard bearing for general duty applications; cost effective, best bearing for abusive and shock load applications. Not recommended for applications where side thrust is present or on casters used in constant circular turns. Requires periodical lubrication.

TAPERED ROLLER BEARING



Heaviest duty type of roller bearings with the added advantage of tapered design. Inner & outer raceways are precision machined and heat treated. Wheels come with 1 cup, cone, seal & thrust bushing on each side. This is the best bearing for extreme duty loads & towing applications. Maximizes the weight capacity and mobility of the wheel. Requires periodical lubrication.

SEALED PRECISION BEARINGS (63)



Ergonomic solution: Sealed precision bearings offer low rolling resistance and require the least amount of force to start and maintain a rolling load; excellent for both manual mobility & tow line applications. Maintenance Free! Two top hat spanner bushings are added to secure precise spacing & stability. Not recommended for side thrust or shock load applications.



45 / 46 Medium Heavy Duty Kingpinless Series - Up to 2,000 lbs.

Durable Superior Casters®



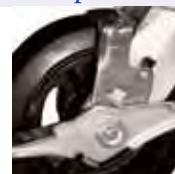
Durable Superior Casters® Kingpinless Casters are designed for unsurpassed durability and use in abusive and demanding shock load applications that may cause traditional kingpin casters to fail. Our 45 Series casters are made out of ASTM1045 steel, drop forged 1/4" thick top plate integrates with a forged 2-3/8" diameter precisely machined raceway with a single row of hardened 3/8" ball bearings. The legs are formed from 1/4" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tampering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs.

Popular uses include: various carts, platform trucks, dollies and racks used in both tow line -motor assisted and manual applications in manufacturing, assembly and processing plants, automotive plants, air cargo, ground support, freight terminals, warehousing, military, trash containers and many other demanding medium heavy duty applications in severe environments.

- Integral structure of hardened raceway and top plate eliminate the problem of kingpin loose while caster ages.
- Induction hardened process assures the raceway is fully hardened for maximum of load capacity and life.
- Optional extended swivel lead and overall heights are available,
- Zinc plated finish is attractive and corrosion resistant.
- Large selection of wheels, wheel bearing and brake options.
- Grease fitting in raceway and wheel axle.
- Standard stock series = Quick Deliveries
- 1/2 axle



Options



Top Lock Brake (T)



A-Cam Brake (A)



Cam-Lock Brake (C)



4-Position Lock (P)



Thread Guards (G)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL27

Top Plate Specifications

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

Overall Heights & Offsets.

To order, replace the standard wheel diameter designation with optional code. (Example: 45UA85JN6317YY)

Wheel Diameter	Designation Code	Overall Height	Offset	Swivel Radius
4	40	5-5/8	1-1/8	3-1/8
5	50	6-1/2	1-1/4	3-3/4
6	60	7-1/2	1-1/2	4-1/2
6	65	7-1/2	2	5
6	66	7-1/2	2-1/2	5-1/2
8	80	9-1/2	2-3/4	6-3/4
8	85	9-1/2	3-1/2	7-1/2
8	81	10-1/8	2-3/4	6-3/4

Optional Extended Offset Casters Available
Extended offset casters improve maneuverability, tracking and turning performance.



45 / 46 Medium Heavy Duty Kingpinless Series - Up to 2,000 lbs.

Durable Superior Casters®



Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 45 to 46					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
4	2	Yoke Only		45ZZ40JZ8317YY					
		Nomadic™	400	45NM40JB0417YY			45NM40JB4817YY		
		Rubber on Nylon	400	45NR40JB0417YY	45NR40JB0917YY		45NR40JB4817YY	45NR40JB##17YY	
		Rubber on Aluminum	400	45RA40JB0417YY				45RA40JB##17YY	
		Low Profile Rubber	300	45LP40JB0417YY					
		Mold-On Rubber	400	45RS40JB0417YY					
		Thermo-Pro™	300				45TP40JI4817YY		
		Thermo-Pro™	300	45TP40J+0417YY	45TP40J+0917YY		45TP40J+4817YY	45TP40J+##17YY	I,T,X,Y
		Polyolefin	500	45PO40JB0417YY	45PO40JB0917YY		45PO40JB6017YY	45PO40JB##17YY	
		Nylon	800	45NY40JE0417YY	45NY40JE0917YY		45NY40JE6017YY		
		RokHard™	800	45HI40JB0417YY	45HI40JB0917YY		45HI40JB6017YY	45HI40JB##17YY	
		BrimStone®	800	45GN40JQ0417YY	45GN40JQ0917YY		45GN40JQ6017YY	45GN40JQ##17YY	
		MaxRok™	800	45MA40JB0417YY	45MA40JB0917YY		45MA40JB6017YY	45MA40JB##17YY	
		Phenolic	800	45PH40JB0417YY	45PH40JB0917YY		45PH40JB6017YY	45PH40JB##17YY	
		High-Temp Phenolic	600	45HT40JQ0417YY	45HT40JQ0917YY			45HT40JQ##17YY	
		Polyon MaxRok™	700	45MU40J+0417YY	45MU40J+0917YY		45MU40J+6317YY	45MU40J+##17YY	G,K
		Polyon AL™	800	45PA40J+0417YY			45PA40J+6017YY	45PA40J+##17YY	N,R
		Poly-Pro™	500	45PP40J+0417YY	45PP40J+0917YY		45PP40J+6017YY	45PP40J+##17YY	I,D,K,U,W
		Poly-Pro™	500	45PP40JM0417YY	45PP40JM0917YY		45PP40JM6317YY	45PP40JM##17YY	
		Polymadic™	600	45PM40JI0417YY	45PM40JI0917YY		45PM40JI##17YY	45PM40JI##17YY	
		Polyon™	800			45PU40JV7317YY	45PU40JV6317YY		
		Polyon™	800	45PU40J+0417YY				45PU40J+##17YY	G,V
		EnergySaver Polyon™	800	45SW40JU0417YY		45SW40JU7317YY			
		PolyFlexon® Cast	700	45RP40JK0417YY			45RP40JK4817YY	45RP40JK##17YY	
		DuraLastomer®	750		45SU40JL0917YY		45SU40JL6017YY	45SU40JL##17YY	
		ErgoLastomer™	1000	45HU40JI0417YY	45HU40JI0917YY	45HU40JI7317YY	45HU40JI6317YY	45HU40JI##17YY	
		Semi-Steel	700	45SS40JS0417YY				45SS40JS##17YY	
		Heavy Duty Iron	900	45HS40JS0417YY			45HS40JS6317YY		
		Ductile	1500	45DS40JR0417YY		45DS40JR7317YY	45DS40JR6317YY		
		EnergySaver Ductile™	1500	45CD40JR0417YY					
		MaxRok™ V-Groove	800	45MV40JT0417YY			45MV40JT6017YY	45MV40JT##17YY	
		Iron V-Groove	600	45VG40JT0417YY					
		Ductile V-Groove	1500	45DV40JT0417YY					
5	2	Yoke Only		45ZZ50JZ8317YY					
		Nomadic™	500	45NM50JB0417YY			45NM50JB4817YY		
		Rubber on Nylon	450	45NR50JB0417YY	45NR50JB0917YY		45NR50JB4817YY	45NR50JB##17YY	
		Rubber on Aluminum	500	45RA50JB0417YY			45RA50JB6017YY	45RA50JB##17YY	
		Mold-On Rubber	400	45RS50JB0417YY					
		Thermo-Pro™	350				45TP50JI6317YY		
		Thermo-Pro™	350	45TP50J+0417YY	45TP50J+0917YY		45TP50J+6017YY	45TP50J+##17YY	I,T,X,Y
		Polyolefin	650	45PO50JB0417YY	45PO50JB0917YY		45PO50JB6017YY	45PO50JB##17YY	
		Nylon	900	45NY50JE0417YY	45NY50JE0917YY		45NY50JE6017YY	45NY50JE##17YY	
		RokHard™	1000	45HI50JB0417YY	45HI50JB0917YY		45HI50JB6017YY	45HI50JB##17YY	
		BrimStone®	1000	45GN50JQ0417YY	45GN50JQ0917YY		45GN50JQ6017YY	45GN50JQ##17YY	
		MaxRok™	1000	45MA50JB0417YY	45MA50JB0917YY		45MA50JB6017YY	45MA50JB##17YY	
		Phenolic	1000	45PH50JB0417YY	45PH50JB0917YY		45PH50JB6017YY	45PH50JB##17YY	
		High-Temp Phenolic	750	45HT50JQ0417YY	45HT50JQ0917YY			45HT50JQ##17YY	
		Polyon MaxRok™	1000	45MU50J+0417YY	45MU50J+0917YY		45MU50J+6317YY	45MU50J+##17YY	G,K
		Polyon AL™	900	45PA50J+0417YY			45PA50J+6017YY	45PA50J+##17YY	N,R
		Poly-Pro™	600	45PP50J+0417YY	45PP50J+0917YY		45PP50J+6017YY	45PU50J+##17YY	I,D,K,U,W
		Poly-Pro™	600	45PP50JM0417YY	45PP50JM0917YY		45PP50JM6317YY	45PU50JM##17YY	
		Polymadic™	750	45PM50JI0417YY	45PM50JI0917YY		45PM50JI##17YY	45PM50JI##17YY	
		Polyon™	1100			45PU50JV7317YY	45PU50JV6317YY		
		Polyon™	1100	45PU50J+0417YY				45PU50J+##17YY	G,V
		EnergySaver Polyon™	1300	45SW50JU0417YY					
		PolyFlexon® Cast	800	45RP50JK0417YY			45RP50JK6317YY	45RP50JK##17YY	
		DuraLastomer®	900		45SU50JL0917YY		45SU50JL6017YY	45SU50JL##17YY	
		ErgoLastomer™	1400	45HU50JI0417YY	45HU50JI0917YY	45HU50JI7317YY	45HU50JI6317YY	45HU50JI##17YY	
		Semi-Steel	1000	45SS50JS0417YY				45SS50JS##17YY	
		Heavy Duty Iron	1200	45HS50JS0417YY			45HS50JS6317YY		
		Ductile	1500	45DS50JR0417YY		45DS50JR7317YY	45DS50JR6317YY		
		EnergySaver Ductile™	1500	45CD50JR0417YY					
		Iron V-Groove	900	45VG50JT0417YY					



Additional wheel pictures & options, shown on the next page.

Only Superior Casters are Durable! • 68



45 / 46 Medium Heavy Duty Kingpinless Series - Up to 2,000 lbs.

Durable Superior Casters®

Nomadic™		Thermo-Pro™						Poly-Pro™					Polymadic™
Flat Tread		Flat Tread			Round			Flat Tread				Round	Premium Polyurethane
I	A	A	I	T	X	Y	Z	K	M	U	W	H	
													
Polyon™		Polyon AL™		Polyon MaxRok™		PolyFlexon® Cast (Round)		PolyFlexon® (Round)	Champion™	EnergySaver Polyon™	Dura-Lastomer®	Ergo-Lastomer™	
G	V	N	R	G	K								
													

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 45 to 46					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63, 64	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
6	2	Nomadic™	600	45NM60JB0417YY			45NM60JB4817YY		
		Rubber on Nylon	550	45NR60JB0417YY	45NR60JB0917YY			45NR60JB##17YY	X,Z
		Dura Cushion™	350	45BC60J+0417YY			45BC60J+6317YY	45BC60J+##17YY	
		Rubber on Aluminum	550	45RA60JB0417YY			45RA60JB6017YY	45RA60JB##17YY	
		Mold-On Rubber	550	45RS60JB0417YY					
		Supreme Rubber™	700			45RH60JS7317YY			
		Thermo-Pro™	500	45TP60J+0417YY	45TP60J+0917YY		45TP60J+6017YY	45TP60J+##17YY	I,T,X,Y
		Polyolefin	700	45PO60JB0417YY	45PO60JB0917YY		45PO60JB6017YY	45PO60JB##17YY	
		Nylon	1000	45NY60JE0417YY	45NY60JE0917YY		45NY60JE6017YY	45NY60JE##17YY	
		RokHard™	1200	45HI60JB0417YY	45HI60JB0917YY		45HI60JB6017YY	45HI60JB##17YY	
		BrimStone®	1100	45GN60JQ0417YY	45GN60JQ0917YY		45GN60JQ6017YY	45GN60JQ##17YY	
		MaxRok™	1200	45MA60JB0417YY	45MA60JB0917YY		45MA60JB6017YY	45MA60JB##17YY	
		Phenolic	1200	45PH60JB0417YY	45PH60JB0917YY		45PH60JB6017YY	45PH60JB##17YY	
		High-Temp Phenolic	900	45HT60JQ0417YY	45HT60JQ0917YY			45HT60JQ##17YY	
		Polyon MaxRok™	1200	45MU60J+0417YY	45MU60J+0917YY		45MU60J+6317YY	45MU60J+##17YY	G,K
		Polyon AL™	1200	45PA60J+0417YY			45PA60J+6017YY	45PA60J+##17YY	N,R
		Poly-Pro™	720	45PP60J+0417YY	45PP60J+0917YY		45PP60J+6017YY	45PP60J+##17YY	I,D,K,U,W
		Poly-Pro™	720	45PP60JM0417YY	45PP60JM0917YY		45PP60J+6317YY	45PP60JM##17YY	H,M
		Polymadic™	900	45PM60JI0417YY	45PM60JI0917YY		45PM60JI##17YY	45PM60JI##17YY	
		Polyon™	1200	45PU60J+0417YY		45PU60JV7317YY	45PU60JV6317YY	45PU60J+##17YY	G,V
		EnergySaver Polyon™	1400	45SW60JU0417YY		45SW60JU7317YY	45SW60JU6317YY		
		PolyFlexon® Cast	900				45RP60JK4817YY		
		PolyFlexon®	900				45UA60JN6317YY		
		Champion™	1200				45CP60JN6417YY		
		DuraLastomer®	1000		45SU60JL0917YY		45SU60JL6017YY	45SU60JL##17YY	
ErgoLastomer™	1700	45HU60JI0417YY	45HU60JI0917YY	45HU60JI7317YY	45HU60JI6317YY	45HU60JI##17YY			
Semi-Steel	1200	45SS60JS0417YY				45SS60JS##17YY			
Heavy Duty Iron	1400	45HS60JS0417YY			45HS60JS6317YY				
Ductile	2000	45DS60JR0417YY		45DS60JR7317YY	45DS60JR6317YY				
EnergySaver Ductile™	2000	45CD60JR0417YY							
Forged Steel	2000	45FS60JS0417YY		45FS60JS7317YY					
Iron V-Groove	1000	45VG60JT0417YY							
Ductile V-Groove	1500	45DV60JT0417YY			45DV60JT6317YY				
8	2	Nomadic™	700	45NM80JB0417YY			45NM80JB4817YY		
		Rubber on Nylon	600	45NR80JB0417YY	45NR80JB0917YY			45NR80JB##17YY	X,Z
		Dura Cushion™	450	45BC80J-0417YY			45BC80J+6063YY	45BC80J+##17YY	
		Rubber on Aluminum	600	45RA80JB0417YY			45RA80JB6060YY	45RA80JB##17YY	
		Mold-On Rubber	600	45RS80JB0417YY					
		Supreme Rubber™	800			45RH80JS7317YY			
		Thermo-Pro™	600	45TP80J+0417YY	45TP80J+0917YY		45TP80J+6017YY	45TP80J+##17YY	I,T,X,Y
		Polyolefin	900	45PO80JB0417YY	45PO80JB0917YY		45PO80JB6017YY	45PO80JB##17YY	
		Nylon	1100	45NY80JE0417YY	45NY80JE0917YY		45NY80JE6017YY	45NY80JE##17YY	
		RokHard™	1400	45HI80JB0417YY	45HI80JB0917YY		45HI80JB6017YY	45HI80JB##17YY	
		BrimStone®	1200	45GN80JQ0417YY	45GN80JQ0917YY		45GN80JQ6017YY	45GN80JQ##17YY	
		MaxRok™	1400	45MA80JB0417YY	45MA80JB0917YY		45MA80JB6017YY	45MA80JB##17YY	
		Phenolic	1400	45PH80JB0417YY	45PH80JB0917YY		45PH80JB6017YY	45PH80JB##17YY	
		High-Temp Phenolic	1100	45HT80JQ0417YY	45HT80JQ0917YY			45HT80JQ##17YY	
		Polyon MaxRok™	1400	45MU80J+0417YY	45MU80J+0917YY		45MU80J+6317YY	45MU80J+##17YY	G,K
		Polyon AL™	1500	45PA80J+0417YY			45PA80J+6017YY	45PA80J+##17YY	N,R
		Poly-Pro™	800	45PP80J+0417YY	45PP80J+0917YY		45PP80J+##17YY	45PP80J##17YY	I,D,*H,K,M,U,W
		Polymadic™	1000	45PM80JI0417YY	45PM80JI0917YY		45PM80JI##17YY	45PM80JI##17YY	
		Polyon™	1400	45PU80J+0417YY		45PU80JV7317YY	45PU80JV6317YY	45PU80J+##17YY	G,V
		EnergySaver Polyon™	1500	45SW80JU0417YY		45SW80JU7317YY	45SW80JU6317YY		
		PolyFlexon® Cast	1000				45RP80JK6317YY		
		PolyFlexon®	1000				45UA80JN6317YY		
		Champion™	1500				45CP60JN6417YY		
		DuraLastomer®	1000		45SU80JL0917YY		45SU80JL6017YY	45SU80JL##17YY	
		ErgoLastomer™	2000	45HU80JI0417YY	45HU80JI0917YY	45HU80JI7317YY	45HU80JI6317YY	45HU80JI##17YY	
Semi-Steel	1400	45SS80JS0417YY				45SS80JS##17YY			
Heavy Duty Iron	1600	45HS80JS0417YY			45HS80JS6317YY				
Ductile	2000	45DS80JR0417YY		45DS80JR7317YY	45DS80JR6317YY				
EnergySaver Ductile™	2000	45CD80JR0417YY							
Forged Steel	2000	45FS80JS0417YY		45FS80JS7317YY					
Iron V-Groove	1200	45VG80JT0417YY							

*"H" color round tread Poly-Pro™ wheel; available only with 63 precision BB.

S5 / S6 Stainless Steel Medium Heavy Duty Kingpinless Series

Durable Superior Casters®



Durable Superior Casters® stainless steel kingpinless casters are designed to withstand harsh environments and applications that would normally rust and corrode standard zinc plated casters; they will also hold up to demanding shock load applications that may cause traditional kingpin casters to fail. We manufacture our S5 Series casters out of S304 non-ferrous stainless steel, the drop forged 1/4" thick top plate and raceways are integrated with a single row of 3/8" stainless ball bearings. The swivel section features a 2-3/8" diameter precisely machined raceway. The legs are formed from 1/4" thick S304 stainless steel, double welded to the outer raceway for maximum strength. To enhance their corrosion resistance, completed assemblies undergo a passivation process to remove any iron picked up in production. 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, and etc.

- All metal parts made out of S304 non-ferrous STAINLESS STEEL. 100% washable.
- Top plate and inner raceway is a one piece forged construction. (forging process strengthens the grain structure of stainless steel and is stronger than competing, machined and welded designs).
- Features a wide range of wash down friendly, high temperature and autoclavable wheels.
- Zerk grease fitting in raceway and 1/2" wheel axle.
- Precision bearings available for ergonomic mobility.
- NSF Listed.
- Standard stock series = Quick deliveries.



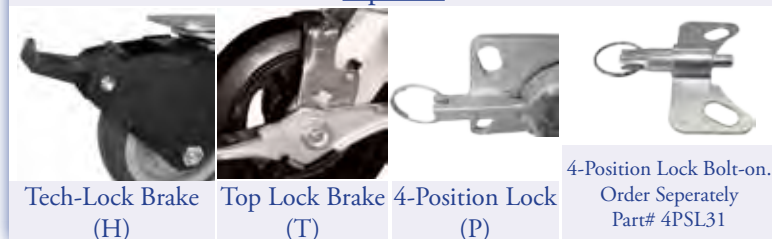
RoHS Compliant



Fastening Specifications

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

Options



Durable Superior Casters® stainless steel casters are the best on the market, and here's the proof! →

In a corrosion test, our casters along with 3 of our competitors comparable products, were submerged in a salt water solution for 5 days; for the next 2 weeks they were sprayed down with salt water twice daily and stored in the open air.

Results show that ours were the only casters that did not corrode!

*An independant metallurgical laboratory test also discovered that "Brand A" contains less chromium and nickel, the main corrosion resistant elements in stainless steel.



Not all Stainless Steel casters are the same!

Only Superior Casters are Durable! • 70



S5 / S6 Stainless Steel Medium Heavy Duty Kingpinless Series

Durable Superior Casters®

ORDERING INSTRUCTIONS: S5 Series Swivel Caster Part Numbers shown below -For Rigid casters change prefix S5 to S6

Dia	Tread Width	Wheel Type	Load Cap	Roller Bearing 05	Sealed 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	Yoke Only		S5ZZ40JZ8317YY				5-5/8	3-1/8	
		Nomadic™	400	S5NM40JB0517YY	S5NM40JB6S17YY					
		Rubber on Nylon	400	S5NR40JB0517YY	S5NR40JB6S17YY	S5NR40JB##17YY				
		Thermo-Pro™	300		S5TP40JI6S17YY					
		Thermo-Pro™	300	S5TP40J+0517YY	S5TP40J+6S17YY	S5TP40J+##17YY	I,T,X,Y			
		Polyolefin	500	S5PO40JB0517YY	S5PO40JB6S17YY	S5PO40JB##17YY				
		Nylon	800	S5NY40JE0517YY	S5NY40JE6S17YY					
		RokHard™	800	S5HI40JB0517YY	S5HI40JB6S17YY	S5HI40JB##17YY				
		BrimStone®	800	S5GN40JQ0517YY	S5GN40JQ6S17YY	S5GN40JQ##17YY				
		MaxRok™	800	S5MA40JB0517YY	S5MA40JB6S17YY	S5MA40JB##17YY				
		Phenolic	800	S5PH40JB0517YY	S5PH40JB6S17YY	S5PH40JB##17YY				
		High-Temp Phenolic	600	S5HT40JQ0517YY		S5HT40JQ##17YY				
		Polyon MaxRok™	700	S5MU40J+0517YY	S5MU40J+7217YY	S5MU40J+##17YY	G,K			
		Poly-Pro™	500	S5PP40J+0517YY	S5PP40J+6S17YY	S5PP40J+##17YY	I,D,K,U,W			
		Poly-Pro™	500	S5PP40JM0517YY	S5PP40JM7217YY	S5PP40JM##17YY				
5	2	Polymadic™	600	S5PM40JI0517YY	S5PM40JI7217YY	S5PM40JI##17YY		6-1/2	3-3/4	
		DuraLastomer®	750	S5SU40JL0517YY	S5SU40JL6S17YY	S5SU40JL##17YY				
		ErgoLastomer™	1000	S5HU40JI0517YY	S5HU40JI7217YY	S5HU40JI##17YY				
		Yoke Only		S5ZZ50JZ8317YY						
		Nomadic™	500	S5NM50JB0517YY	S5NM50JB6S17YY					
		Rubber on Nylon	450	S5NR50JB0517YY	S5NR50JB6S17YY	S5NR50JB##17YY				
		Thermo-Pro™	350	S5TP50J+0517YY	S5TP50J+6S17YY	S5TP50J+##17YY	I,T,X,Y			
		Polyolefin	650	S5PO50JB0517YY	S5PO50JB6S17YY	S5PO50JB##17YY				
		Nylon	900	S5NY50JE0517YY	S5NY50JE6S17YY	S5NY50JE##17YY				
		RokHard™	1000	S5HI50JB0517YY	S5HI50JB6S17YY	S5HI50JB##17YY				
		BrimStone®	1000	S5GN50JQ0517YY	S5GN50JQ6S17YY	S5GN50JQ##17YY				
		SteROLLizer®	375	S5SL50JO0517YY	S5SL50JO7217YY	S5SL50JO9617YY				
		MaxRok™	1000	S5MA50JB0517YY	S5MA50JB6S17YY	S5MA50JB##17YY				
		Phenolic	1000	S5PH50JB0517YY	S5PH50JB6S17YY	S5PH50JB##17YY				
		High-Temp Phenolic	750	S5HT50JQ0517YY		S5HT50JQ##17YY				
6	2	Polyon MaxRok™	1000	S5MU50J+0517YY	S5MU50J+7217YY	S5MU50J+##17YY	G,K	7-1/2	4-1/2	
		Poly-Pro™	600	S5PP50J+0517YY	S5PP50J+6S17YY	S5PP60J+##17YY	I,D,K,U,W			
		Poly-Pro™	600	S5PP50JM0517YY	S5PP50JM7217YY	S5PP60JM##17YY				
		Polymadic™	750	S5PM50JI0517YY	S5PM50JI7217YY	S5PM50JI##17YY				
		DuraLastomer®	900	S5SU50JL0517YY	S5SU50JL6S17YY	S5SU50JL##17YY				
		ErgoLastomer™	1400	S5HU50JI0517YY	S5HU50JI7217YY	S5HU50JI##17YY				
		Yoke Only		S5ZZ60JZ8317YY						
		Nomadic™	600	S5NM60JB0517YY	S5NM60JB6S17YY					
		Rubber on Nylon	550	S5NR60JB0517YY		S5NR60JB##17YY				
		Thermo-Pro™	500	S5TP60J+0517YY	S5TP60J+6S17YY	S5TP60J+##17YY	I,T,X,Y			
		Polyolefin	700	S5PO60JB0517YY	S5PO60JB6S17YY	S5PO60JB##17YY				
		Nylon	1000	S5NY60JE0517YY	S5NY60JE6S17YY	S5NY60JE##17YY				
		RokHard™	1200	S5HI60JB0517YY	S5HI60JB6S17YY	S5HI60JB##17YY				
		BrimStone®	1100	S5GN60JQ0517YY	S5GN60JQ6S17YY	S5GN60JQ##17YY				
		MaxRok™	1200	S5MA60JB0517YY	S5MA60JB6S17YY	S5MA60JB##17YY				
8	2	Phenolic	1200	S5PH60JB0517YY	S5PH60JB6S17YY	S5PH60JB##17YY		9-1/2	5-15/16	
		High-Temp Phenolic	900	S5HT60JQ0517YY		S5HT60JQ##17YY				
		Polyon MaxRok™	1200	S5MU60J+0517YY	S5MU60J+7217YY	S5MU60J+##17YY	G,K			
		Poly-Pro™	720	S5PP60J+0517YY	S5PP60J+6S17YY	S5PP60J+##17YY	I,D,K,U,W			
		Poly-Pro™	720	S5PP60JM0517YY	S5PP60J+7217YY	S5PP60JM##17YY	H,M			
		Polymadic™	900	S5PM60JI0517YY	S5PM60JI7217YY	S5PM60JI##17YY				
		DuraLastomer®	1000	S5SU60JL0517YY	S5SU60JL6S17YY	S5SU60JL##17YY				
		ErgoLastomer™	1700	S5HU60JI0517YY	S5HU60JI7217YY	S5HU60JI##17YY				
		Yoke Only		S5ZZ60JZ8317YY						
		Nomadic™	700	S5NM80JB0517YY	S5NM80JB6S17YY					
		Rubber on Nylon	600	S5NR80JB0517YY		S5NR80JB##17YY				
		Thermo-Pro™	600	S5TP80J+0517YY	S5TP80J+6S17YY	S5TP80J+##17YY	I,T,X,Y			
		Polyolefin	900	S5PO80JB0517YY	S5PO80JB6S17YY	S5PO80JB##17YY				
		Nylon	1100	S5NY80JE0517YY	S5NY80JE6S17YY	S5NY80JE##17YY				
		RokHard™	1400	S5HI80JB0517YY	S5HI80JB6S17YY	S5HI80JB##17YY				
BrimStone®	1200	S5GN80JQ0517YY	S5GN80JQ6S17YY	S5GN80JQ##17YY						
MaxRok™	1250	S5MA80JB0517YY	S5MA80JB6S17YY	S5MA80JB##17YY						
Phenolic	1400	S5PH80JB0517YY	S5PH80JB6S17YY	S5PH80JB##17YY						
High-Temp Phenolic	1100	S5HT80JQ0517YY		S5HT80JQ##17YY						
Polyon MaxRok™	1400	S5MU80J+0517YY	S5MU80J+7217YY	S5MU80J+##17YY	G,K					
Poly-Pro™	800	S5PP80J+0517YY	S5PP80J+6S17YY	S5PP80J+##17YY	I,D,K,U,W					
Poly-Pro™	800	S5PP80JM0517YY	S5PP80J+7217YY	S5PP80JM##17YY	H,M					
Polymadic™	600	S5PM80JI0517YY	S5PM80JI7217YY	S5PM80JI##17YY						
DuraLastomer®	1000	S5SU80JL0517YY	S5SU80JL6S17YY	S5SU80JL##17YY						
ErgoLastomer™	2000	S5HU80JI0517YY	S5HU80JI7217YY	S5HU80JI##17YY						

47 / 48 Medium Heavy Duty Kingpinless Series - Up to 2,000 lbs.

Durable Superior Casters®



Durable Superior Casters® Kingpinless Casters are designed for unsurpassed durability and use in abusive and demanding shock load applications that may cause traditional kingpin casters to fail. Our 47 Series casters are made out of ASTM1045 steel, drop forged 1/4" thick top plate integrates with a forged 2-3/8" diameter precisely machined raceway with a single row of hardened 3/8" ball bearings. The legs are formed from 1/4" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tempering processes allows ours casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs.

Popular uses include: various carts, platform trucks, dollies and racks used in both tow line -motor assisted and manual applications in manufacturing, assembly and processing plants, automotive plants, air cargo, ground support, freight terminals, warehousing, military, trash containers and many other demanding medium heavy duty applications in severe environments.

- Integral structure of hardened raceway and top plate eliminate the problem of kingpin loose while caster ages.
- Induction hardened process assures the raceway is fully hardened for maximum of load capacity and life.
- Optional extended swivel lead and overall heights are available,
- Zinc plated finish is attractive and corrosion resistant.
- Large selection of wheels, wheel bearing and brake options.
- Grease fitting in raceway and wheel axle.
- Standard stock series = Quick Deliveries
- 1/2 axle



Options



Top Lock Brake (T)



A-Cam Brake (A)



Cam-Lock Brake (C)



4-Position Lock (P)



Thread Guards (G)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL27

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	1/2

Overall Heights, Offsets & Swivel Radius.

To order optional overall height, replace the standard wheel diameter designation with optional code. (Example: 47HU81JI6319YY)

Wheel Diameter	Designation Code	Overall Height	Offset	Swivel Radius
4	40	5-5/8	1-11/16	3-11/16
5	50	6-1/2	1-3/8	3-7/8
6	60	7-1/2	1-9/16	4-9/16
8	80	10-1/8	2-3/4	6-3/4
8	8	9-1/2	2-3/4	6-3/4



RoHS Compliant

Only Superior Casters are Durable! • 72



47 / 48 Medium Heavy Duty Kingpinless Series - Up to 2,000 lbs.

Durable Superior Casters®

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 47 to 48					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
4	2	Yoke Only	47ZZ40JZ8319YY						
		Nomadic™	400	47NM40JB0419YY			47NM40JB4819YY		
		Rubber on Nylon	400	47NR40JB0419YY	47NR40JB0919YY		47NR40JB4819YY	47NR40JB##19YY	
		Rubber on Aluminum	400	47RA40JB0419YY				47RA40JB##19YY	
		Low Profile Rubber	300	47LP40JB0419YY					
		Mold-On Rubber	400	47RS40JB0419YY					
		Thermo-Pro™	300						
		Thermo-Pro™	300	47TP40J+0419YY	47TP40J+0919YY		47TP40JI4819YY		
		Polyolefin	500	47PO40JB0419YY	47PO40JB0919YY		47TP40J+4819YY	47TP40J+##19YY	
		Nylon	800	47NY40JE0419YY	47NY40JE0919YY		47PO40JB6019YY	47PO40JB##19YY	
		RokHard™	800	47HI40JB0419YY	47HI40JB0919YY		47NY40JE6019YY		
		BrimStone®	800	47GN40JQ0419YY	47GN40JQ0919YY		47HI40JB6019YY	47HI40JB##19YY	
		MaxRok™	800	47MA40JB0419YY	47MA40JB0919YY		47GN40JQ6019YY	47GN40JQ##19YY	
		Phenolic	800	47PH40JB0419YY	47PH40JB0919YY		47MA40JB6019YY	47MA40JB##19YY	
		High-Temp Phenolic	600	47HT40JQ0419YY	47HT40JQ0919YY		47PH40JB6019YY	47PH40JB##19YY	
		Polyon MaxRok™	700	47MU40J+0419YY	47MU40J+0919YY		47HT40JQ##19YY		
		Polyon AL™	800	47PA40J+0419YY			47MU40J+6319YY	47MU40J+##19YY	
		Poly-Pro™	500	47PP40J+0419YY	47PP40J+0919YY		47PA40J+6019YY	47PA40J+##19YY	
		Poly-Pro™	500	47PP40JM0419YY	47PP40JM0919YY		47PP40J+6019YY	47PP40J+##19YY	
		Polymadic™	600	47PM40JI0419YY	47PM40JI0919YY		47PP40JM6319YY	47PP40JM##19YY	
		Polyon™	800			47PU40JV7319YY	47PM40JI##19YY	47PM40JI##19YY	
		Polyon™	800	47PU40J+0419YY			47PU40JV6319YY		
		EnergySaver Polyon™	800	47SW40JU0419YY		47PU40J+##19YY			
		PolyFlexon® Cast	700	47RP40JK0419YY		47SW40JU7319YY			
		DuraLastomer®	750		47SU40JL0919YY		47RP40JK4819YY	47RP40JK##19YY	
		ErgoLastomer™	1000	47HU40JI0419YY	47HU40JI0919YY	47HU40JI7319YY	47SU40JL6019YY	47SU40JL##19YY	
		Semi-Steel	700	47SS40JS0419YY			47HU40JI6319YY	47HU40JI##19YY	
		Heavy Duty Iron	900	47HS40JS0419YY				47SS40JS##19YY	
		Ductile	1500	47DS40JR0419YY		47DS40JR7319YY	47HS40JS6319YY		
		EnergySaver Ductile™	1500	47CD40JR0419YY			47DS40JR6319YY		
		MaxRok™ V-Groove	800	47MV40JT0419YY				47MV40JT##19YY	
		Iron V-Groove	600	47VG40JT0419YY					
		Ductile V-Groove	1500	47DV40JT0419YY					

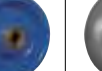
5	2	Yoke Only		47ZZ50JZ8319YY					
		Nomadic™	500	47NM50JB0419YY			47NM50JB4819YY		
		Rubber on Nylon	450	47NR50JB0419YY	47NR50JB0919YY		47NR50JB4819YY	47NR50JB##19YY	
		Rubber on Aluminum	500	47RA50JB0419YY			47RA50JB6019YY	47RA50JB##19YY	
		Mold-On Rubber	400	47RS50JB0419YY					
		Thermo-Pro™	350						
		Thermo-Pro™	350	47TP50J+0419YY	47TP50J+0919YY		47TP50JI6319YY		
		Polyolefin	650	47PO50JB0419YY	47PO50JB0919YY		47TP50J+6019YY	47TP50J+##19YY	I,T,X,Y
		Nylon	900	47NY50JE0419YY	47NY50JE0919YY		47PO50JB6019YY	47PO50JB##19YY	
		RokHard™	1000	47HI50JB0419YY	47HI50JB0919YY		47NY50JE6019YY	47NY50JE##19YY	
		BrimStone®	1000	47GN50JQ0419YY	47GN50JQ0919YY		47HI50JB6019YY	47HI50JB##19YY	
		MaxRok™	1000	47MA50JB0419YY	47MA50JB0919YY		47GN50JQ6019YY	47GN50JQ##19YY	
		Phenolic	1000	47PH50JB0419YY	47PH50JB0919YY		47MA50JB6019YY	47MA50JB##19YY	
		High-Temp Phenolic	750	47HT50JQ0419YY	47HT50JQ0919YY		47PH50JB6019YY	47PH50JB##19YY	
		Polyon MaxRok™	1000	47MU50J+0419YY	47MU50J+0919YY		47HT50JQ##19YY		
		Polyon AL™	900	47PA50J+0419YY			47MU50J+6319YY	47MU50J+##19YY	G,K
		Poly-Pro™	600	47PP50J+0419YY	47PP50J+0919YY		47PA50J+6019YY	47PA50J+##19YY	N,R
		Poly-Pro™	600	47PP50JM0419YY	47PP50JM0919YY		47PP50J+6019YY	47PU60J+##19YY	I,D,K,U,W
		Polymadic™	750	47PM50JI0419YY	47PM50JI0919YY		47PP50JM6319YY	47PP50JM##19YY	
		Polyon™	1100			47PU50JV7319YY	47PM50JI##19YY	47PM50JI##19YY	
		Polyon™	1100	47PU50J+0419YY			47PU50JV6319YY		
		EnergySaver Polyon™	1300	47SW50JU0419YY				47PU50J+##19YY	G,V
		PolyFlexon® Cast	800	47RP50JK0419YY					
		DuraLastomer®	900		47SU50JL0919YY		47RP50JK6319YY		
		ErgoLastomer™	1400	47HU50JI0419YY	47HU50JI0919YY	47HU50JI7319YY	47SU50JL6019YY	47SU50JL##19YY	
		Semi-Steel	1000	47SS50JS0419YY			47HU50JI6319YY	47HU50JI##19YY	
		Heavy Duty Iron	1200	47HS50JS0419YY				47SS50JS##19YY	
		Ductile	1500	47DS50JR0419YY		47DS50JR7319YY	47HS50JS6319YY		
		EnergySaver Ductile™	1500	47CD50JR0419YY			47DS50JR6319YY		
		Iron V-Groove	900	47VG50JT0419YY					

Low Profile Mold-on Rubber	Mold-on Rubber	Supreme Rubber™	Rubber on Nylon	Rubber on Aluminum	Dura Cushion™ (X)	Dura Cushion™ (Z)	Eco-Rubber™	HT Phenolic High Temp	Brimstone® High Temp	SteROLLizer AL® High Temp	Polyolefin	
Nylon	MaxRok™	RokHard™	Phenolic	Semi-Steel	Heavy Duty Iron	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel	Solid Steel V-Groove	MaxRok™ V-Groove	V-Groove	Ductile V-Groove

47 / 48 Medium Heavy Duty Kingpinless Series - Up to 2,000 lbs.

Durable Superior Casters®



Nomadic™		Thermo-Pro™					Poly-Pro™						Polymadic™
Flat Tread		Flat Tread			Round			Flat Tread				Round	Premium Polyurethane
I	A	A	I	T	X	Y	Z	K	M	U	W	H	
													
Polyon™		Polyon AL™		Polyon MaxRok™		PolyFlexon® Cast (Round)		PolyFlexon® (Round)	Champion™	EnergySaver Polyon™	Dura-Lastomer®	Ergo-Lastomer™	
G	V	N	R	G	K								
													

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 47 to 48					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63, 64	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
6	2	Nomadic™	600	47NM60JB0419YY			47NM60JB4819YY		
		Rubber on Nylon	550	47NR60JB0419YY	47NR60JB0919YY			47NR60JB##19YY	
		Dura Cushion™	350	47BC60J-0419YY			47BC60J+6319YY	47BC60J+##19YY	X,Z
		Rubber on Aluminum	550	47RA60JB0419YY			47RA60JB6019YY	47RA60JB##19YY	
		Mold-On Rubber	550	47RS60JB0419YY					
		Supreme Rubber™	700			47RH60JS7319YY			
		Thermo-Pro™	500	47TP60J+0419YY	47TP60J+0919YY		47TP60J+6019YY	47TP60J+##19YY	I,T,X,Y
		Polyolefin	700	47PO60JB0419YY	47PO60JB0919YY		47PO60JB6019YY	47PO60JB##19YY	
		Nylon	1000	47NY60JE0419YY	47NY60JE0919YY		47NY60JE6019YY	47NY60JE##19YY	
		RokHard™	1200	47HI60JB0419YY	47HI60JB0919YY		47HI60JB6019YY	47HI60JB##19YY	
		BrimStone®	1100	47GN60JQ0419YY	47GN60JQ0919YY		47GN60JQ6019YY	47GN60JQ##19YY	
		MaxRok™	1200	47MA60JB0419YY	47MA60JB0919YY		47MA60JB6019YY	47MA60JB##19YY	
		Phenolic	1200	47PH60JB0419YY	47PH60JB0919YY		47PH60JB6019YY	47PH60JB##19YY	
		High-Temp Phenolic	900	47HT60JQ0419YY	47HT60JQ0919YY			47HT60JQ##19YY	
		Polyon MaxRok™	1200	47MU60J+0419YY	47MU60J+0919YY		47MU60J+6319YY	47MU60J+##19YY	G,K
		Polyon AL™	1200	47PA60J+0419YY			47PA60J+6019YY	47PA60J+##19YY	N,R
		Poly-Pro™	720	47PP60J+0419YY	47PP60J+0919YY		47PP60J+##19YY	47PP60J+##19YY	I,D,*H,K,M,U,W
		Polymadic™	900	47PM60JI0419YY	47PM60JI0919YY		47PM60JI##19YY	47PM60JI##19YY	
		Polyon™	1200			47PU60JV7319YY	47PU60JV6319YY		
		Polyon™	1200	47PU60J+0419YY				47PU60J+##19YY	G,V
		EnergySaver Polyon™	1400	47SW60JU0419YY		47SW60JU7319YY	47SW60JU6319YY		
		PolyFlexon® Cast	900				47RP60JK4819YY		
		PolyFlexon®	900				47UA60JN6319YY		
		Champion™	1200				47CP60JN6419YY		
		DuraLastomer®	1000		47SU60JL0919YY		47SU60JL6019YY	47SU60JL##19YY	
		ErgoLastomer™	1700	47HU60JI0419YY	47HU60JI0919YY	47HU60JI7319YY	47HU60JI6319YY	47HU60JI##19YY	
		Semi-Steel	1200	47SS60JS0419YY				47SS60JS##19YY	
		Heavy Duty Iron	1400	47HS60JS0419YY			47HS60JS6319YY		
		Ductile	2000	47DS60JR0419YY		47DS60JR7319YY	47DS60JR6319YY		
		EnergySaver Ductile™	2000	47CD60JR0419YY					
		Forged Steel	2000	47FS60JS0419YY		47FS60JS7319YY			
		Iron V-Groove	1000	47VG60JT0419YY					
		Ductile V-Groove	1500	47DV60JT0419YY			47DV60JT6319YY		
8	2	Nomadic™	700	47NM80JB0419YY			47NM80JB4819YY		
		Rubber on Nylon	600	47NR80JB0419YY	47NR80JB0919YY			47NR80JB##19YY	
		Dura Cushion™	450	47BC80J+0419YY			47BC80J+6063YY	47BC80J+##19YY	X,Z
		Rubber on Aluminum	600	47RA80JB0419YY			47RA80JB6060YY	47RA80JB##19YY	
		Mold-On Rubber	600	47RS80JB0419YY					
		Supreme Rubber™	800			47RH80JS7319YY			
		Thermo-Pro™	600	47TP80J+0419YY	47TP80J+0919YY		47TP80J+6019YY	47TP80J+##19YY	I,T,X,Y
		Nylon	1100	47NY80JE0419YY	47NY80JE0919YY		47NY80JE6019YY	47NY80JE##19YY	
		RokHard™	1400	47HI80JB0419YY	47HI80JB0919YY		47HI80JB6019YY	47HI80JB##19YY	
		BrimStone®	1200	47GN80JQ0419YY	47GN80JQ0919YY		47GN80JQ6019YY	47GN80JQ##19YY	
		MaxRok™	1400	47MA80JB0419YY	47MA80JB0919YY		47MA80JB6019YY	47MA80JB##19YY	
		Phenolic	1400	47PH80JB0419YY	47PH80JB0919YY		47PH80JB6019YY	47PH80JB##19YY	
		High-Temp Phenolic	1100	47HT80JQ0419YY	47HT80JQ0919YY			47HT80JQ##19YY	
		Polyon MaxRok™	1400	47MU80J+0419YY	47MU80J+0919YY		47MU80J+6319YY	47MU80J+##19YY	G,K
		Polyon AL™	1500	47PA80J+0419YY			47PA80J+6019YY	47PA80J+##19YY	N,R
		Poly-Pro™	800	47PP80J+0419YY	47PP80J+0919YY		47PP80J+##19YY	47PP80J+##19YY	I,D,*H,K,M,U,W
		Polymadic™	1000	47PM80JI0419YY	47PM80JI0919YY		47PM80JI##19YY	47PM80JI##19YY	
		Polyon™	1400			47PU80JV7319YY	47PU80JV6319YY		
		Polyon™	1400	47PU80J+0419YY				47PU80J+##19YY	G,V
		EnergySaver Polyon™	1500	47SW80JU0419YY		47SW80JU7319YY	47SW80JU6319YY		
		PolyFlexon® Cast	1000				47RP80JK6319YY		
		PolyFlexon®	1000				47UA80JN6319YY		
		Champion™	1500				47CP60JN6419YY		
		DuraLastomer®	1000		47SU80JL0919YY		47SU80JL6019YY	47SU80JL##19YY	
		ErgoLastomer™	2000	47HU80JI0419YY	47HU80JI0919YY	47HU80JI7319YY	47HU80JI6319YY	47HU80JI##19YY	
		Semi-Steel	1400	47SS80JS0419YY				47SS80JS##19YY	
		Heavy Duty Iron	1600	47HS80JS0419YY			47HS80JS6319YY		
		Ductile	2000	47DS80JR0419YY		47DS80JR7319YY	47DS80JR6319YY		
		EnergySaver Ductile™	2000	47CD80JR0419YY					
		Forged Steel	2000	47FS80JS0419YY		47FS80JS7319YY			
		Iron V-Groove	1200	47VG80JT0419YY					

*"H" color round tread Poly-Pro™ wheel; available only with 63 precision BB.

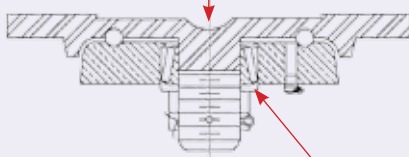
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49 / 50 MOMENTUM™ -Precision Tapered Raceway Series Durable Superior Casters®



Integrally Forged 1 pc Plate, & Kingpin
Raceway is Precisely Machined & Hardened.



Tapered Roller Thrust Bearing



Durable Superior Casters® new Momentum series offers the very best in reliable mobility, providing many years of service life in the most demanding of applications; The Momentum series is designed to withstand shock loading and side thrust impact, while offering superior ergonomic swiveling action. The top plate and 3/4" kingpin are integrally forged as one piece and provides the base for the 2-9/16" diameter load bearing raceway; all sections of the main load bearing are drop forged (ASTM 1045) steel, are precision machined and are fully hardened including the 3/8" polished ball bearings (HRC45). The lower raceway or thrust bearing is a 3/4" tapered roller bearing, providing exceptionally smooth and easy swiveling action and counteracts radial thrust. Legs are made from 1/4" steel and are robotically welded on both sides for maximum strength. There are nearly 40 wheels and dozens of bearings, brakes and options to choose from.

- Drop forged (ASTM 1045) construction; top plate and 3/4" kingpin are integrally forged as one piece; 2-9/16" bearing raceway is precisely machined and hardened. 3/8" diameter hardened ball bearings.
- Lower raceway or thrust bearing is a 3/4" tapered roller bearing, providing exceptionally smooth and easy swiveling action and counteracts radial thrust.
- 1/4" thick legs are robotically welded inside and outside.
- Zinc plated finish is attractive & corrosion resistant.
- Large selection of wheel, bearing & brake options.
- Zerk grease fitting in raceway & axle for easy maintenance.
- Standard stock series = Quick Deliveries
- 1/2" Axle

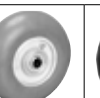


Top Plate Specifications

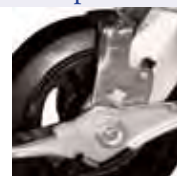
Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
17	4 x 4-1/2	2-5/8 x 3-5/8 to 3 x 3	3/8

Overall Heights, Offsets & Swivel Radius.

Wheel Diameter	Designation Code	Overall Height	Offset	Swivel Radius
4	40	5-5/8	1-9/16	3-9/16
5	50	6-1/2	2	4-1/2
6	60	7-1/2	2-3/16	5-3/16
8	80	9-1/2	2-3/8	6-3/8

												
Low Profile Mold-on Rubber	Mold-on Rubber	Supreme Rubber™	Rubber on Nylon	Rubber on Aluminum	Dura Cushion™ (X)	Dura Cushion™ (Z)	Eco-Rubber™	HT Phenolic High Temp	Brimstone® High Temp	SteROLLizer AL™ High Temp	Polyolefin	
												
Nylon	MaxRok™	RokHard™	Phenolic	Semi-Steel	Heavy Duty Iron	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel	Solid Steel V-Groove	MaxRok™ V-Groove	V-Groove	Ductile V-Groove

Options



Top Lock Brake (T)



A-Cam Brake (A)



Cam-Lock Brake (C)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL49

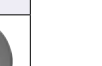


Thread Guards (G)

49 / 50 MOMENTUM™ -Precision Tapered Raceway Series

Durable Superior Casters®



Nomadic™		Thermo-Pro™					Poly-Pro™							Polymadic™
Flat Tread		Flat Tread			Round			Flat Tread				Round	Premium Polyurethane	
I	A	A	I	T	X	Y	Z	K	M	U	W	H		
														
Polyon™		Polyon AL™		Polyon MaxRok™		PolyFlexon® Cast (Round)		PolyFlexon® (Round)	Champion™	EnergySaver Polyon™	Dura-Lastomer®	Ergo-Lastomer™		
G	V	N	R	G	K									
														

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 49 to 50					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Scaled Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
4	2	Yoke Only		49ZZ40JZ8317YY					
		Nomadic™	400	49NM40JB0417YY			49NM40JB4817YY		
		Rubber on Nylon	400	49NR40JB0417YY	49NR40JB0917YY		49NR40JB4817YY	49NR40JB##17YY	
		Rubber on Aluminum	400	49RA40JB0417YY				49RA40JB##17YY	
		Low Profile Rubber	300	49LP40JB0417YY					
		Mold-On Rubber	400	49RS40JB0417YY					
		Thermo-Pro™	300				49TP40JL4817YY		
		Thermo-Pro™	300	49TP40J+0417YY	49TP40J+0917YY		49TP40J+4817YY	49TP40J+##17YY	I,T,X,Y
		Polyolefin	500	49PO40JB0417YY	49PO40JB0917YY		49PO40JB6017YY	49PO40JB##17YY	
		Nylon	800	49NY40JE0417YY	49NY40JE0917YY		49NY40JE6017YY		
		RokHard™	800	49HI40JB0417YY	49HI40JB0917YY		49HI40JB6017YY	49HI40JB##17YY	
		BrimStone®	800	49GN40JQ0417YY	49GN40JQ0917YY		49GN40JQ6017YY	49GN40JQ##17YY	
		MaxRok™	800	49MA40JB0417YY	49MA40JB0917YY		49MA40JB6017YY	49MA40JB##17YY	
		Phenolic	800	49PH40JB0417YY	49PH40JB0917YY		49PH40JB6017YY	49PH40JB##17YY	
		High-Temp Phenolic	600	49HT40JQ0417YY	49HT40JQ0917YY			49HT40JQ##17YY	
		Polyon MaxRok™	700	49MU40J+0417YY	49MU40J+0917YY		49MU40J+6317YY	49MU40J+##17YY	G,K
		Polyon AL™	800	49PA40J+0417YY			49PA40J+6017YY	49PA40J+##17YY	N,R
		Poly-Pro™	500	49PP40J+0417YY	49PP40J+0917YY		49PP40J+6017YY	49PP40J+##17YY	I,D,K,U,W
		Poly-Pro™	500	49PP40JM0417YY	49PP40JM0917YY		49PP40JM6317YY	49PP40JM##17YY	
		Polymadic™	600	49PM40JI0417YY	49PM40JI0917YY		49PM40JI##17YY	49PM40JI##17YY	
		Polyon™	800			49PU40JV7317YY	49PU40JV6317YY		
		Polyon™	800	49PU40J+0417YY				49PU40J+##17YY	G,V
		EnergySaver Polyon™	800	49SW40JU0417YY		49SW40JU7317YY			
		PolyFlexon® Cast	700	49RP40JK0417YY			49RP40JK4817YY	49RP40JK##17YY	
		DuraLastomer®	750		49SU40JL0917YY		49SU40JL6017YY	49SU40JL##17YY	
		ErgoLastomer™	1000	49HU40JI0417YY	49HU40JI0917YY	49HU40JI7317YY	49HU40JI6317YY	49HU40JI##17YY	
		Semi-Steel	700	49SS40JS0417YY				49SS40JS##17YY	
		Heavy Duty Iron	900	49HS40JS0417YY			49HS40JS6317YY		
		Ductile	1500	49DS40JR0417YY		49DS40JR7317YY	49DS40JR6317YY		
		EnergySaver Ductile™	1500	49CD40JR0417YY					
		MaxRok™ V-Groove	800	49MV40JT0417YY			49MV40JT6017YY	49MV40JT##17YY	
		Iron V-Groove	600	49VG40JT0417YY					
		Ductile V-Groove	1500	49DV40JT0417YY					

5	2	Yoke Only		49ZZ50JZ8317YY					
		Nomadic™	500	49NM50JB0417YY			49NM50JB4817YY		
		Rubber on Nylon	450	49NR50JB0417YY	49NR50JB0917YY		49NR50JB4817YY	49NR50JB##17YY	
		Rubber on Aluminum	500	49RA50JB0417YY			49RA50JB6017YY	49RA50JB##17YY	
		Mold-On Rubber	400	49RS50JB0417YY					
		Thermo-Pro™	350				49TP50JI6317YY		
		Thermo-Pro™	350	49TP50J+0417YY	49TP50J+0917YY		49TP50J+6017YY	49TP50J+##17YY	I,T,X,Y
		Polyolefin	650	49PO50JB0417YY	49PO50JB0917YY		49PO50JB6017YY	49PO50JB##17YY	
		Nylon	900	49NY50JE0417YY	49NY50JE0917YY		49NY50JE6017YY	49NY50JE##17YY	
		RokHard™	1000	49HI50JB0417YY	49HI50JB0917YY		49HI50JB6017YY	49HI50JB##17YY	
		BrimStone®	1000	49GN50JQ0417YY	49GN50JQ0917YY		49GN50JQ6017YY	49GN50JQ##17YY	
		MaxRok™	1000	49MA50JB0417YY	49MA50JB0917YY		49MA50JB6017YY	49MA50JB##17YY	
		Phenolic	1000	49PH50JB0417YY	49PH50JB0917YY		49PH50JB6017YY	49PH50JB##17YY	
		High-Temp Phenolic	750	49HT50JQ0417YY	49HT50JQ0917YY			49HT50JQ##17YY	
		Polyon MaxRoc™	1000	49MU50J+0417YY	49MU50J+0917YY		49MU50J+6317YY	49MU50J+##17YY	G,K
		Polyon AL™	900	49PA50J+0417YY			49PA50J+6017YY	49PA50J+##17YY	N,R
		Poly-Pro™	600	49PP50J+0417YY	49PP50J+0917YY		49PP50J+6017YY	49PP50J+##17YY	I,D,K,U,W
		Poly-Pro™	600	49PP50JM0417YY	49PP50JM0917YY		49PP50JM6317YY	49PP50JM##17YY	
		Polymadic™	750	49PM50JI0417YY	49PM50JI0917YY		49PM50JI##17YY	49PM50JI##17YY	
		Polyon™	1100			49PU50JV7317YY	49PU50JV6317YY		
		Polyon™	1100	49PU50J+0417YY				49PU50J+##17YY	G,V
		EnergySaver™	1300	49SW50JU0417YY					
		PolyFlexon® Cast	800	49RP50JK0417YY			49RP50JK6317YY		
		DuraLastomer®	900		49SU50JL0917YY		49SU50JL6017YY	49SU50JL##17YY	
		ErgoLastomer™	1400	49HU50JI0417YY	49HU50JI0917YY	49HU50JI7317YY	49HU50JI6317YY	49HU50JI##17YY	
		Semi-Steel	1000	49SS50JS0417YY				49SS50JS##17YY	
		Heavy Duty Iron	1200	49HS50JS0417YY			49HS50JS6317YY		
		Ductile	1500	49DS50JR0417YY		49DS50JR7317YY	49DS50JR6317YY		
		EnergySaver Ductile™	1500	49CD50JR0417YY					
		Iron V-Groove	900	49VG50JT0417YY					



49 / 50 MOMENTUM™ -Precision Tapered Raceway Series

Durable Superior Casters®

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 49 to 50					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Scaled Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
6	2	Yoke Only		49ZZ60JZ8317YY					
		Nomadic™	600	49NM60JB0417YY			49NM60JB4817YY		
		Rubber on Nylon	350	49NR60JB0417YY	49NR60JB0917YY			49NR60JB##17YY	
		Dura Cushion™	350	49BC60J-0417YY			49BC60J+6317YY	49BC60J+##17YY	X,Z
		Rubber on Aluminum	550	49RA60JB0417YY			49RA60JB6017YY	49RA60JB##17YY	
		Low Profile Rubber	600	49LP60JB0417YY					
		Mold-On Rubber	550	49RS60JB0417YY					
		Supreme Rubber™	700			49RH60JS7317YY			
		Thermo-Pro™	500	49TP60J+0417YY	49TP60J+0917YY		49TP60J+6017YY	49TP60J+##17YY	I,T,X,Y
		Polyolefin	700	49PO60JB0417YY	49PO60JB0917YY		49PO60JB6017YY	49PO60JB##17YY	
		Nylon	1000	49NY60JE0417YY	49NY60JE0917YY		49NY60JE6017YY	49NY60JE##17YY	
		RokHard™	1200	49HI60JB0417YY	49HI60JB0917YY		49HI60JB6017YY	49HI60JB##17YY	
		BrimStone®	1100	49GN60JQ0417YY	49GN60JQ0917YY		49GN60JQ6017YY	49GN60JQ##17YY	
		MaxRok™	1200	49MA60JB0417YY	49MA60JB0917YY		49MA60JB6017YY	49MA60JB##17YY	
		Phenolic	1200	49PH60JB0417YY	49PH60JB0917YY		49PH60JB6017YY	49PH60JB##17YY	
		High-Temp Phenolic	900	49HT60JQ0417YY	49HT60JQ0917YY			49HT60JQ##17YY	
		Polyon MaxRok™	1200	49MU60J+0417YY	49MU60J+0917YY		49MU60J+6317YY	49MU60J+##17YY	G,K
		Polyon AL™	1200	49PA60J+0417YY			49PA60J+6017YY	49PA60J+##17YY	N,R
		Poly-Pro™	720	49PP60J+0417YY	49PP60J+0917YY		49PP60J+6017YY	49PP60J+##17YY	I,D,K,U,W
		Poly-Pro™	720	49PP60JM0417YY	49PP60JM0917YY		49PP60J+6317YY	49PP60JM##17YY	H,M
		Polymadic™	900	49PM60JI0417YY	49PM60JI0917YY		49PM60JI##17YY	49PM60JI##17YY	
		Polyon™	1200			49PU60JV7317YY	49PU60JV6317YY		
		Polyon™	1200	49PU60J+0417YY				49PU60J+##17YY	G,V
		EnergySaver Polyon™	1400	49SW60JU0417YY		49SW60JU7317YY	49SW60JU6317YY		
		PolyFlexon® Cast	900				49RP60JK4817YY		
		PolyFlexon®	900				49UA60JN6317YY		
		Champion™	1200				49CP60JN6417YY		
		DuraLastomer®	1000		49SU60JL0917YY		49SU60JL6017YY	49SU60JL##17YY	
ErgoLastomer™	1700	49HU60JI0417YY	49HU60JI0917YY	49HU60JL7317YY	49HU60JL6317YY	49HU60JL##17YY			
Semi-Steel	1200	49SS60JS0417YY				49SS60JS##17YY			
Heavy Duty Iron	1400	49HS60JS0417YY			49HS60JS6317YY				
Ductile	2000	49DS60JR0417YY		49DS60JR7317YY	49DS60JR6317YY				
EnergySaver Ductile™	2000	49CD60JR0417YY							
Forged Steel	2000	49FS60JS0417YY		49FS60JS7317YY					
Iron V-Groove	1000	49VG60JT0417YY							
Ductile V-Groove	1500	49DV60JT0417YY			49DV60JT6317YY				
8	2	Yoke Only		49ZZ80JZ8317YY					
		Nomadic™	600	49NM80JB0417YY			49NM80JB4817YY		
		Rubber on Nylon	600	49NR80JB0417YY	49NR80JB0917YY			49NR80JB##17YY	
		Dura Cushion™	450	49BC80J-0417YY			49BC80J+6063YY	49BC80J+##17YY	X,Z
		Rubber on Aluminum	600	49RA80JB0417YY			49RA80JB6060YY	49RA80JB##17YY	
		Mold-On Rubber	600	49RS80JB0417YY					
		Supreme Rubber™	800			49RH80JS7317YY			
		Thermo-Pro™	600	49TP80J+0417YY	49TP80J+0917YY		49TP80J+6017YY	49TP80J+##17YY	I,T,X,Y
		Polyolefin™	900	49PO80JB0417YY	49PO80JB0917YY		49PO80JB6017YY	49PO80JB##17YY	
		Nylon	1100	49NY80JE0417YY	49NY80JE0917YY		49NY80JE6017YY	49NY80JE##17YY	
		RokHard™	1400	49HI80JB0417YY	49HI80JB0917YY		49HI80JB6017YY	49HI80JB##17YY	
		BrimStone®	1200	49GN80JQ0417YY	49GN80JQ0917YY		49GN80JQ6017YY	49GN80JQ##17YY	
		MaxRok™	1400	49MA80JB0417YY	49MA80JB0917YY		49MA80JB6017YY	49MA80JB##17YY	
		Phenolic	1400	49PH80JB0417YY	49PH80JB0917YY		49PH80JB6017YY	49PH80JB##17YY	
		High-Temp Phenolic	1100	49HT80JQ0417YY	49HT80JQ0917YY			49HT80JQ##17YY	
		Polyon MaxRok™	1400	49MU80J+0417YY	49MU80J+0917YY		49MU80J+6317YY	49MU80J+##17YY	G,K
		Polyon AL™	1500	49PA80J+0417YY			49PA80J+6017YY	49PA80J+##17YY	N,R
		Poly-Pro™	800	49PP80J+0417YY	49PP80J+0917YY		49PP80J+6017YY	49PP80J+##17YY	I,D,K,U,W
		Poly-Pro™	800	49PP80JM0417YY	49PP80JM0917YY		49PP80J+6317YY	49PP80JM##17YY	H,M
		Polymadic™	1000	49PM80JI0417YY	49PM80JI0917YY		49PM80JI##17YY	49PM80JI##17YY	
		Polyon™	1400			49PU80JV7317YY	49PU80JV6317YY		
		Polyon™	1400	49PU80J+0417YY				49PU80J+##17YY	G,V
		EnergySaver™	1500	49SW80JU0417YY		49SW80JU7317YY	49SW80JU6317YY		
		PolyFlexon® Cast	1000				49RP80JK6317YY		
		PolyFlexon®	1000				49UA80JN6317YY		
		Champion™	1500				49CP80JN6417YY		
		DuraLastomer®	1000		49SU80JL0917YY		49SU80JL6017YY	49SU80JL##17YY	
		ErgoLastomer™	2000	49HU80JI0417YY	49HU80JI0917YY	49HU80JL7317YY	49HU80JL6317YY	49HU80JL##17YY	
Semi-Steel	1400	49SS80JS0417YY				49SS80JS##17YY			
Heavy Duty Iron	1600	49HS80JS0417YY			49HS80JS6317YY				
Ductile	2000	49DS80JR0417YY		49DS80JR7317YY	49DS80JR6317YY				
EnergySaver Ductile™	2000	49CD80JR0417YY							
Forged Steel	2000	49FS80JS0417YY		49FS80JS7317YY					
Iron V-Groove	1200	49VG80JT0417YY							

51 / 52 Medium Heavy Duty Forged Series - Up to 2,000 lbs.

Durable Superior Casters®



Options



A-Cam Brake (A)



Cam-Lock Brake (C)



4-Position Lock (P)



Thread Guards (G)

The swivel sections are made from ASTM1045 steel, drop forged and hardened. 3/8" thick top plate with hardened raceways, precisely machined deep-groove with hardened steel ball bearings for thrust force. A 3/4" heat treated kingpin is used to enhance the load capacity. Legs are made from 1/4" thick steel robotically welded on both sides for maximum strength. There are nearly 40 different kinds of wheels, bearings brakes and other options to choose from.

- Drop forged (ASTM 1045) construction. Precision machined and hardened double ball raceways.
- 3/4" Heat treated kingpin.
- 1/4" thick legs are robotically welded on both sides.
- 1/2" axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Large selection of wheel, bearing & brake options.
- Brakes available on both swivel and rigid casters.
- Zerk grease fitting in raceway & axle for easy maintenance.
- Size options from 4 x 2 to 10 x 2-1/2.
- Standard stock series = Quick Deliveries



Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	1/2

Overall Heights, Offsets & Swivel Radius.

To order optional overall height, replace the standard wheel diameter designation with optional code. (Example: 51PH81KB0619YY)

Wheel Diameter	Designation Code	Overall Height	Offset	Swivel Radius
4	40	5-5/8	1-9/16	3-9/16
5	50	6-1/2	2	4-1/2
6	60	7-1/2	2-3/16	5-3/16
8	80	10-1/8	2-3/8	6-3/8
8	81	9-1/2	2-7/8	6-3/8
10	10	11-1/2	2-1/4	7-1/4

												Additional wheel pictures & options shown on the next page
Low Profile Mold-on Rubber	Mold-on Rubber	Supreme Rubber™	Rubber on Nylon	Rubber on Aluminum	Dura Cushion™ (X)	Dura Cushion™ (Z)	Eco-Rubber™	HT Phenolic High Temp	BrimStone® High Temp	SteROLLizer AL® High Temp	Polyolefin	
												
Nylon	MaxRok™	RokHard™	Phenolic	Semi-Steel	Heavy Duty Iron	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel	Solid Steel V-Groove	MaxRok™ V-Groove	V-Groove	Ductile V-Groove

Additional wheel pictures & options, shown on the Next page.

RoHS Compliant

Only Superior Casters are Durable! • 78



51 / 52 Medium Heavy Duty Forged Series - Up to 2,000 lbs.

Durable Superior Casters®

Nomadic™ Flat Tread		Thermo-Pro™						Poly-Pro™ Flat Tread					Polyimadic™ Premium Polyurethane
I	A	A	I	T	X	Y	Z	K	M	U	W	H	
Polyon™		Polyon AL™		Polyon MaxRok™		PolyFlexon® Cast (Round)	PolyFlexon® (Round)	Champion™	EnergySaver Polyon™	Dura- Lastomer®	Ergo- Lastomer™		
G	V	N	R	G	K								

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 51 to 52					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
4	2	Yoke Only		51ZZ40JZ8317YY					
		Nomadic™	400	51NM40JB0419YY			51NM40JB4819YY		
		Rubber on Nylon	400	51NR40JB0419YY	51NR40JB0919YY		51NR40JB4819YY	51NR40JB##19YY	
		Rubber on Aluminum	400	51RA40JB0419YY				51RA40JB##19YY	
		Low Profile Rubber	300	51LP40JB0419YY					
		Mold-On Rubber	400	51RS40JB0419YY					
		Thermo-Pro™	300						
		Thermo-Pro™	300	51TP40J+0419YY	51TP40J+0919YY		51TP40J+4819YY	51TP40J+##19YY	I,T,X,Y
		Polyolefin	500	51PO40JB0419YY	51PO40JB0919YY		51PO40JB6019YY	51PO40JB##19YY	
		Nylon	800	51NY40JE0419YY	51NY40JE0919YY		51NY40JE6019YY		
		RokHard™	800	51HI40JB0419YY	51HI40JB0919YY		51HI40JB6019YY	51HI40JB##19YY	
		BrimStone®	800	51GN40JQ0419YY	51GN40JQ0919YY		51GN40JQ6019YY	51GN40JQ##19YY	
		MaxRok™	800	51MA40JB0419YY	51MA40JB0919YY		51MA40JB6019YY	51MA40JB##19YY	
		Phenolic	800	51PH40JB0419YY	51PH40JB0919YY		51PH40JB6019YY	51PH40JB##19YY	
		High-Temp Phenolic	600	51HT40JQ0419YY	51HT40JQ0919YY			51HT40JQ##19YY	
		Polyon MaxRok™	700	51MU40J+0419YY	51MU40J+0919YY		51MU40J+6319YY	51MU40J+##19YY	G,K
		Polyon AL™	800	51PA40J+0419YY			51PA40J+6019YY	51PA40J+##19YY	N,R
		Poly-Pro™	500	51PP40J+0419YY	51PP40J+0919YY		51PP40J+6019YY	51PP40J+##19YY	I,D,K,U,W
		Poly-Pro™	500	51PP40JM0419YY	51PP40JM0919YY		51PP40JM6319YY	51PP40JM##19YY	
		Polymadic™	600	51PM40JI0419YY	51PM40JI0919YY		51PM40JI##19YY	51PM40JI##19YY	
		Polyon™	800			51PU40JV7319YY	51PU40JV6319YY		
		Polyon™	800	51PU40J+0419YY				51PU40J+##19YY	G,V
		EnergySaver Polyon™	800	51SW40JU0419YY		51SW40JU7319YY			
		PolyFlexon® Cast	700	51RP40JK0419YY			51RP40JK4819YY	51RP40JK##19YY	
		DuraLastomer®	750		51SU40JL0919YY		51SU40JL6019YY	51SU40JL##19YY	
		ErgoLastomer™	1000	51HU40JI0419YY	51HU40JI0919YY	51HU40JI7319YY	51HU40JI6319YY	51HU40JI##19YY	
		Semi-Steel	700	51SS40JS0419YY				51SS40JS##19YY	
		Heavy Duty Iron	900	51HS40JS0419YY			51HS40JS6319YY		
		Ductile	1500	51DS40JR0419YY		51DS40JR7319YY	51DS40JR6319YY		
		EnergySaver Ductile™	1500	51CD40JR0419YY					
		MaxRok™ V-Groove	800	51MV40JT0419YY			51MV40JT6019YY	51MV40JT##19YY	
		Iron V-Groove	600	51VG40JT0419YY					
		Ductile V-Groove	1500	51DV40IT0419YY					

5	2	Yoke Only		51ZZ50JZ8319YY					
		Nomadic™	500	51NM50JB0419YY			51NM50JB4819YY		
		Rubber on Nylon	450	51NR50JB0419YY	51NR50JB0919YY		51NR50JB4819YY	51NR50JB##19YY	
		Rubber on Aluminum	500	51RA50JB0419YY			51RA50JB6019YY	51RA50JB##19YY	
		Mold-On Rubber	400	51RS50JB0419YY					
		Thermo-Pro™	350						
		Thermo-Pro™	350	51TP50J+0419YY	51TP50J+0919YY		51TP50J+6019YY	51TP50J+##19YY	I,T,X,Y
		Polyolefin	650	51PO50JB0419YY	51PO50JB0919YY		51PO50JB6019YY	51PO50JB##19YY	
		Nylon	900	51NY50JE0419YY	51NY50JE0919YY		51NY50JE6019YY	51NY50JE##19YY	
		RokHard™	1000	51HI50JB0419YY	51HI50JB0919YY		51HI50JB6019YY	51HI50JB##19YY	
		BrimStone®	1000	51GN50JQ0419YY	51GN50JQ0919YY		51GN50JQ6019YY	51GN50JQ##19YY	
		MaxRok™	1000	51MA50JB0419YY	51MA50JB0919YY		51MA50JB6019YY	51MA50JB##19YY	
		Phenolic	1000	51PH50JB0419YY	51PH50JB0919YY		51PH50JB6019YY	51PH50JB##19YY	
		High-Temp Phenolic	750	51HT50JQ0419YY	51HT50JQ0919YY			51HT50JQ##19YY	
		Polyon MaxRok™	1000	51MU50J+0419YY	51MU50J+0919YY		51MU50J+6319YY	51MU50J+##19YY	G,K
		Polyon AL™	900	51PA50J+0419YY			51PA50J+6019YY	51PA50J+##19YY	N,R
		Poly-Pro™	600	51PP50J+0419YY	51PP50J+0919YY		51PP50J+6019YY	51PP50J+##19YY	I,D,K,U,W
		Poly-Pro™	600	51PP50JM0419YY	51PP50JM0919YY		51PP50JM6319YY	51PP50JM##19YY	
		Polymadic™	750	51PM50JI0419YY	51PM50JI0919YY		51PM50JI##19YY	51PM50JI##19YY	
		Polyon™	1100			51PU50JV7319YY	51PU50JV6319YY		
		Polyon™	1100	51PU50J+0419YY				51PU50J+##19YY	G,V
		EnergySaver Polyon™	1300	51SW50JU0419YY					
		PolyFlexon® Cast	800	51RP50JK0419YY			51RP50JK6319YY		
		DuraLastomer®	900		51SU50JL0919YY		51SU50JL6019YY	51SU50JL##19YY	
		ErgoLastomer™	1400	51HU50JI0419YY	51HU50JI0919YY	51HU50JI7319YY	51HU50JI6319YY	51HU50JI##19YY	
		Semi-Steel	1000	51SS50JS0419YY				51SS50JS##19YY	
		Heavy Duty Iron	1200	51HS50JS0419YY			51HS50JS6319YY		
		Ductile	1500	51DS50JR0419YY		51DS50JR7319YY	51DS50JR6319YY		
		EnergySaver Ductile™	1500	51CD50JR0419YY					
		Iron V-Groove	900	51VG50JT0419YY					

51 / 52 Medium Heavy Duty Forged Series - Up to 2,000 lbs.

Durable Superior Casters®



Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 51 to 52					+Color
				Roller Bearing 04, 06	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63, 65	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
6	2	Nomadic™	600	51NM60JB0419YY			51NM60JB4819YY		
		Rubber on Nylon	550	51NR60JB0419YY	51NR60JB0919YY			51NR60JB##19YY	
		Dura Cushion™	350	51BC60J-0419YY			51BC60J+6319YY	51BC60J+##19YY	X,Z
		Rubber on Aluminum	550	51RA60JB0419YY			51RA60JB6019YY	51RA60JB##19YY	
		Low Profile Rubber	600	51LP60JB0419YY					
		Mold-On Rubber	550	51RS60JB0419YY					
		Supreme Rubber™	700			51RH60JS7319YY			
		Thermo-Pro™	700	51TP60J+0419YY	51TP60J+0919YY		51TP60J+6019YY	51TP60J+##19YY	I,T,X,Y
		Polyolefin	650	51PO60JB0419YY	51PO60JB0919YY		51PO60JB6019YY	51PO60JB##19YY	
		RokHard™	1200	51HI60JB0419YY	51HI60JB0919YY		51HI60JB6019YY	51HI60JB##19YY	
		BrimStone®	1100	51GN60JQ0419YY	51GN60JQ0919YY		51GN60JQ6019YY	51GN60JQ##19YY	
		MaxRok™	1200	51MA60JB0419YY	51MA60JB0919YY		51MA60JB6019YY	51MA60JB##19YY	
		Phenolic	1200	51PH60JB0419YY	51PH60JB0919YY		51PH60JB6019YY	51PH60JB##19YY	
		High-Temp Phenolic	900	51HT60JQ0419YY	51HT60JQ0919YY			51HT60JQ##19YY	
		Polyon MaxRok™	1200	51MU60J+0419YY	51MU60J+0919YY		51MU60J+6319YY	51MU60J+##19YY	G,K
		Polyon AL™	1200	51PA60J+0419YY			51PA60J+6019YY	51PA60J+##19YY	N,R
		Poly-Pro™	720	51PP60J+0419YY	51PP60J+0919YY		51PP60+6019YY	51PP60J+##19YY	I,D,K,U,W
		Poly-Pro™	720	51PP60JM0419YY	51PP60JM0919YY		51PP60J+6319YY	51PP60JM##19YY	H,M
		Polymadic™	900	51PM60JI0419YY	51PM60JI0919YY		51PM60JI##19YY	51PM60JI##19YY	
		Polyon™	1200			51PU60JV7319YY	51PU60JV6319YY		
		Polyon™	1200	51PU60J+0419YY				51PU60J+##19YY	G,V
		EnergySaver Polyon™	1400	51SW60JU0419YY		51SW60JU7319YY	51SW60JU6319YY		
		PolyFlexon® Cast	900				51RP60JK4819YY		
		PolyFlexon®	900				51UA60JN6319YY		
		Champion™	1200				51CP60JN6419YY		
		DuraLastomer®	1000		51SU60JL0919YY		51SU60JL6019YY	51SU60JL##19YY	
ErgoLastomer™	1700	51HU60JI0419YY	51HU60JI0919YY	51HU60JL7319YY	51HU60JL6319YY	51HU60JL##19YY			
Semi-Steel	1200	51SS60JS0419YY				51SS60JS##19YY			
Heavy Duty Iron	1400	51HS60JS0419YY			51HS60JS6319YY				
Ductile	2000	51DS60JR0419YY		51DS60JR7319YY	51DS60JR6319YY				
EnergySaver Ductile™	2000	51CD60JR0419YY							
Forged Steel	2000	51FS60JS0419YY		51FS60JS7319YY					
Iron V-Groove	1000	51VG60JT0419YY							
Ductile V-Groove	1500	51DV60JT0419YY			51DV60JT6319YY				
6	2-1/2	Mold-On Rubber	600	51RS60KB0619YY					
		Phenolic	1400	51PH60KB0619YY					
		Polyon™	1500	51PU60KV0619YY					
		ErgoLastomer™	2000			51HU60KI6519YY			
		Semi-Steel	1600	51SS60KS0619YY					
8	2	Nomadic™	700	51NM80JB0419YY			51NM80JB4819YY		
		Rubber on Nylon	600	51NR80JB0419YY	51NR80JB0919YY			51NR80JB##19YY	
		Dura Cushion™	450	51BC80J-0419YY			51BC80J+6063YY	51BC80J+##19YY	X,Z
		Rubber on Aluminum	600	51RA80JB0419YY			51RA80JB6060YY	51RA80JB##19YY	
		Mold-On Rubber	600	51RS80JB0419YY					
		Supreme Rubber™	800			51RH80JS7319YY			
		Thermo-Pro™	600	51TP80J+0419YY	51TP80J+0919YY		51TP80J+6019YY	51TP80J+##19YY	I,T,X,Y
		Polyolefin	900	51PO80JB0419YY	51PO80JB0919YY		51PO80JB6019YY	51PO80JB##19YY	
		RokHard™	1400	51HI80JB0419YY	51HI80JB0919YY		51HI80JB6019YY	51HI80JB##19YY	
		BrimStone®	1200	51GN80JQ0419YY	51GN80JQ0919YY		51GN80JQ6019YY	51GN80JQ##19YY	
		MaxRok™	1400	51MA80JB0419YY	51MA80JB0919YY		51MA80JB6019YY	51MA80JB##19YY	
		Phenolic	1400	51PH80JB0419YY	51PH80JB0919YY		51PH80JB6019YY	51PH80JB##19YY	
		High-Temp Phenolic	1100	51HT80JQ0419YY	51HT80JQ0919YY			51HT80JQ##19YY	
		Polyon DuraMax™	1400	51MU80J+0419YY	51MU80J+0919YY		51MU80J+6319YY	51MU80J+##19YY	G,K
		Polyon AL™	1500	51PA80J+0419YY			51PA80J+6019YY	51PA80J+##19YY	N,R
		Poly-Pro™	800	51PP80J+0419YY	51PP80J+0919YY		51PP80J+6019YY	51PP80J+##19YY	I,D,K,U,W
		Poly-Pro™	800	51PP80JM0419YY	51PP80JM0919YY		51PP80J+6319YY	51PP80JM##19YY	H,M
		Polymadic™	1000	51PM80JI0417YY	51PM80JI0917YY		51PM80JI##17YY	51PM80JI##17YY	
		Polyon™	1400			51PU80JV7319YY	51PU80JV6319YY		
		Polyon™	1400	51PU80J+0419YY				51PU80J+##19YY	G,V
		EnergySaver Polyon™	1500	51SW80JU0419YY		51SW80JU7319YY	51SW80JU6319YY		
		PolyFlexon® Cast	1000				51RP80JK6319YY		
		PolyFlexon®	1000				51UA80JN6319YY		
		Champion™	1500				51CP80JN6419YY		
		DuraLastomer®	1000		51SU80JL0919YY		51SU80JL6019YY	51SU80JL##19YY	
		ErgoLastomer™	2000	51HU80JI0419YY	51HU80JI0919YY	51HU80JL7319YY	51HU80JL6319YY	51HU80JL##19YY	
Semi-Steel	1400	51SS80JS0419YY				51SS80JS##19YY			
Heavy Duty Iron	1600	51HS80JS0419YY			51HS80JS6319YY				
Ductile	2000	51DS80JR0419YY		51DS80JR7319YY	51DS80JR6319YY				
EnergySaver Ductile™	2000	51CD80JR0419YY							
Forged Steel	2000	51FS80JS0419YY		51FS80JS7319YY					
Iron V-Groove	1200	51VG80JT0419YY							
8	2-1/2	Mold-On Rubber	800	51RS80KB0619YY					
		Phenolic	1800	51PH80KB0619YY					
		Polyon™	1600	51PU80KV0619YY					
		ErgoLastomer™	2000			51HU80KI6519YY			
		Semi-Steel	1600	51SS80KS0619YY					
10	2-1/2	Mold-On Rubber	1000	51RS10KB0619YY					
		Phenolic	2000	51PH10KB0619YY					
		Polyon™	1600	51PU10KV0619YY					
		Semi-Steel	1700	51SS10KS0619YY					



53 / 54 Heavy Duty Forged Series - Up to 2,400 lbs.

Durable Superior Casters®



This series swivel sections are made from ASTM1045 steel, drop forged and hardened. 3/8" thick top plate with 3-3/8" hardened load raceways precisely machined deep-groove with 7/16" hardened steel ball bearings for thrust force. 3/4" heat treated kingpin is used to enhance the load capacity. Legs are made from 3/8" thick steel robotically welded on both side for maximum strength. There are over a dozen wheels, bearings, brakes and options to choose from.

- Drop forged (ASTM 1045) construction. Precision machined and hardened double ball raceways.
- 3/4" Heat treated kingpin.
- 3/8" thick legs are robotically welded on both sides.
- 3/4" axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Large selection of wheel, bearing & brake options.
- Zerk grease fitting in raceway & axle for easy maintenance.
- Standard stock series = Quick Deliveries.



Options



Face Contact Brake (F)



T Handle Brake (R)



4-Position Lock (P)



V-Groove Width Choices



V-Groove Ductile V-Groove

Top Plate Specifications			
Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	1/2

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	UltraPoly®	ErgoLastomer™	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel
G	V											

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 53 to 54			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Tapered Bearing 70	Scaled Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
5	2-1/2	Polyon™ Ductile Steel	1400 1800	53PU50KG2319YY 53DS50KR2319YY				6-1/2	4-1/4
6	2-1/2	Rubber Mold-on Iron	600	53RS60KB2319YY			G,V	7-1/2	4-3/8
		Phenolic	1600	53PH60KB2319YY					
		Polyon™	1600	53PU60K+2319YY					
		EnergySaver Polyon™	1700	53SW60KU2319YY	53SW60KU7019YY				
		ErgoLastomer™	2200			53HU60KI6519YY			
		Semi-Steel	1800	53SS60KS2319YY					
		Ductile Steel	2400	53DS60KR2319YY	53DS60KR7019YY				
		EnergySaver Ductile™	2400	53CD60KR2319YY	53CD60KR7019YY				
		V-Groove	2400	53VG60KT2319YY					
		Ductile V-Groove	2400	53DV60KT2319YY	53DV60KT7019YY				

53 / 54 Heavy Duty Forged Series - Up to 2,400 lbs.

Durable Superior Casters®



Wheel Diameter	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 53 to 54			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Tapered Bearing 70, 79	Sealed Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
6	3	Mold-On Rubber	750	53RS60LB2419YY				7-1/2	4-3/8
		Supreme Rubber™	850		53RH60LS7019YY				
		Phenolic	2000	53PH60LB2419YY					
		Polyon™	2000	53PU60L+2419YY					
		EnergySaver Polyon™	2200	53SW60LU2419YY	53SW60LU7019YY				
		UltraPoly®	2400	53EX60LG2419YY	53EX60LG7019YY	53EX60LG6519YY			
		Semi-Steel	2400	53SS60LS2419YY					
		Ductile Steel	2400	53DS60LR2419YY	53DS60LR7019YY	53DS60LG6519YY			
		EnergySaver Ductile™	2400	53CD60LR2419YY	53CD60LR7019YY				
		V-Groove	2400	53VG60L+2419YY			T,W		
Ductile V-Groove	2400	53DV60L+2419YY	53DV60LT7019YY	53DV60LT6519YY	T,W				
Forged Steel	2400	53FS60LS2719YY	53FS60LS7919YY						
8	2-1/2	Mold-On Rubber	850	53RS80KB2319YY		53RH80KS6519YY		10-1/8	6-1/4
		Supreme Rubber™	950						
		Phenolic	2000	53PH80KB2319YY					
		Polyon™	2000	53PU80K+2319YY			G,V		
		EnergySaver Polyon™	2200	53SW80KU2319YY	53SW80KU7019YY				
		ErgoLastomer™	2300			53HU80KI6519YY			
		Semi-Steel	1800	53SS80KS2319YY					
		Ductile	2400	53DS80KR2319YY	53DS80KR7019YY				
		EnergySaver Ductile™	2400	53CD80KR2319YY	53CD80KR7019YY				
		V-Groove	2400	53VG80KT2319YY					
Ductile V-Groove	2400	53DV80KT2319YY	53DV80KT7019YY						
8	3	Mold-On Rubber	900	53RS80LB2419YY	53RH80LS7019YY			10-1/8	6-1/4
		Supreme Rubber™	1000						
		Phenolic	2400	53PH80LB2419YY					
		Polyon™	2400	53PU80L+2419YY		53PU80LG6519YY	G,V		
		EnergySaver Polyon™	2400	53SW80LU2419YY	53SW80LU7019YY	53SW80LU6519YY			
		UltraPoly®	2400	53EX80LG2419YY	53EX80LG7019YY	53EX80LG6519YY			
		ErgoLastomer™	2400			53HU80LI6519YY			
		High-Temp Phenolic	1500	53HT80LQ2419YY					
		Semi-Steel	2400	53SS80LS2419YY					
		Ductile	2400	53DS80LR2419YY	53DS80LR7019YY	53DS80LR6519YY			
EnergySaver Ductile™	2400	53CD80LR2419YY	53CD80LR7019YY						
V-Groove	2400	53VG80L+2419YY			T,W				
Ductile V-Groove	2400	53DV80L+2419YY	53DV80L+7019YY	53DV80LT6519YY	T,W				
Forged Steel	2400	53FS80LS2719YY	53FS80LS7919YY						
10	2-1/2	Mold-On Rubber	1000	53RS10KB2319YY				11-1/2	7-1/2
		Phenolic	2400	53PH10KB2319YY					
		Polyon™	2200	53PU10K+2319YY			G,V		
		EnergySaver Polyon™	2400	53SW10KU2319YY	53SW10KU7019YY				
		Semi-Steel	2000	53SS10KS2319YY					
		Ductile	2400	53DS10KR2319YY	53DS10KR7019YY				
		10	3	Mold-On Rubber	1100	53RS10LB2419YY	53RS10LB7019YY		
Supreme Rubber™	1300				53RH10LS7019YY				
Phenolic	2400			53PH10LB2419YY					
Polyon™	2400			53PU10L+2419YY		53PU10LG6519YY	G,V		
EnergySaver Polyon™	2400			53SW10LU2419YY	53SW10LU7019YY				
UltraPoly®	2400			53EX10LG2419YY	53EX10LG7019YY	53EX10LG6519YY			
ErgoLastomer™	2400					53HU10LI6519Y			
High-Temp Phenolic	2400			53HT10LQ2419YY					
Semi-Steel	2400			53SS10LS2419YY					
Ductile	2400			53DS10LR2419YY	53DS10LR7019YY	53DS10LR6519YY			
EnergySaver Ductile™	2400	53CD10LR2419YY	53CD10LR7019YY						
V-Groove	2400	53VG10L+2419YY			T,W				
Ductile V-Groove	2400	53DV10L+2419YY	53DV10L+7019YY	53DV10LT6519YY	T,W				
Forged Steel	2400	53FS10LS2719YY	53FS10LS7919YY						
12	2-1/2	Mold-On Rubber	1200	53RS12KB2319YY				13-1/2	9-1/8
		Phenolic	2400	53PH12KB2319YY					
		Polyon™	2400	53PU12K+2319YY			G,V		
		EnergySaver Polyon™	2400	53SW12KU2319YY					
		Semi-Steel	2000	53SS12KS2319YY					
12	3	Mold-On Rubber	1300	53RS12LB2419YY				13-1/2	9-1/8
		Supreme Rubber™	1400		53RH12LS7019YY				
		Phenolic	2400	53PH12LB2419YY					
		Polyon™	2400	53PU12L+2419YY		53PU12LG6519YY	G,V		
		EnergySaver Polyon™	2400	53SW12LU2419YY	53SW12LU7019YY				
		UltraPoly®	2400	53EX12LG2419YY	53EX12LG7019YY	53EX12LG6519YY			
		Semi-Steel	2400	53SS12LS2419YY					
		Ductile	2400	53DS12LR2419YY	53DS12LR7019YY	53DS12LR6519YY			
		EnergySaver Ductile™	2400	53CD12LR2419YY	53CD12LR7019YY				
		Forged Steel	2400	53FS12LS2719YY	53FS12LS7919YY				



55 / 56 Heavy Duty Forged Series - Up to 3,500 lbs.

Durable Superior Casters®



This series is made to provide long service life and top performance; swivel sections are made from ASTM1045 steel, drop forged and hardened. 3/8" thick top plate with 4-1/4" hardened load raceway precisely machined deep-groove with 1/2" diameter hardened steel ball bearings for thrust force. 1" heat treated kingpin is used to enhance the load capacity. Legs are made from 3/8" thick steel robotically welded on both sides for maximum strength. There are over a dozen wheels, bearings, brakes and options to choose from.

- Drop forged (ASTM 1045) construction. Precisely machined and hardened double ball raceways.
- 1" Heat treated kingpin.
- 3/8" thick legs are robotically welded on both sides.
- 3/4" axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Large selection of wheel, bearing & brake options.
- Zerk grease fitting in raceway & axle for easy maintenance.
- Standard stock series = Quick Deliveries.



Options



Face Contact Brake (F)



T Handle Brake (R)



4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL55



V-Groove Ductile V-Groove



Top Plate Specifications			
Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
25	5-1/4 x 7-1/4	3-3/8 x 5-1/4 slotted to 4-1/8 x 6-1/8	1/2

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	UltraPoly®	Ergolastomer™	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	Energy Saver Ductile™ (Crowned)	Forged Steel
G	V											

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 55 to 56			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24, 27	Tapered Bearing 70	Sealed Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
5	2-1/2 3	Ductile Steel Polyon™	2000 1400	55DS50KR2425YY 55PU50LG2425YY				7-1/2	3-7/8
6	2-1/2	Mold-On Rubber	700	55RS60QB2425YY			G,V	8	6-5/8
		Phenolic	1600	55PH60QB2425YY					
		Polyon™	1600	55PU60Q+2425YY					
		EnergySaver Polyon™	1700	55SW60QU2425YY	55SW60QU7025YY				
		ErgoLastomer™	2200		55HU60QI6525YY				
		Semi-Steel	1800	55SS60QS2425YY					
		Ductile Steel	3500	55DS60QR2425YY	55DS60QR7025YY				
		EnergySaver Ductile™	3500	55CD60QR2425YY	55CD60QR7025YY				
		V-Groove	2500	55VG60QT2425YY					
		Ductile V-Groove	3500	55DV60QT2425YY	55DV60QT7025YY				

55 / 56 Heavy Duty Forged Series - Up to 3,500 lbs.

Durable Superior Casters®



Wheel Diameter	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 55 to 56			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Tapered Bearing 70,79	Scaled Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
6	3	Mold-On Rubber	750	55RS60LB2425YY				8	6-5/8
		Supreme Rubber™	850		55RH60LS7025YY				
		Phenolic	2000	55PH60LB2425YY					
		Polyon™	2000	55PU60L+2425YY					
		EnergySaver Polyon™	2200	55SW60LU2425YY	55SW60LU7025YY				
		UltraPoly®	3000	55EX60LG2425YY	55EX60LG7025YY	55EX60LG6525YY			
		Semi-Steel	2500	55SS60LS2425YY					
		Ductile Steel	3500	55DS60LR2425YY	55DS60LR7025YY	55DS60LG6525YY			
		EnergySaver Ductile™	3500	55CD60LR2425YY	55CD60LR7025YY				
		Forged Steel	3500	55FS60LS2725YY	55FS60LS7925YY				
V-Groove	3500	55VG60L+2425YY			T,W				
Ductile V-Groove	3500	55DV60L+2425YY	55DV60LT7025YY	55DV60LT6525YY	T,W				
8	2-1/2	Mold-On Rubber	850	55RS80QB2425YY		55RH80KS6525YY		10-1/2	6-9/32
		Supreme Rubber™	950						
		Phenolic	2000	55PH80QB2425YY					
		Polyon™	2000	55PU80Q+2425YY			G,V		
		EnergySaver Polyon™	2200	55SW80QU2425YY	55SW80QU7025YY				
		ErgoLastomer™	2300			55HU80QI6525YY			
		Semi-Steel	1800	55SS80QS2425YY					
		Ductile	3500	55DS80QR2425YY	55DS80QR7025YY				
		EnergySaver Ductile™	3500	55CD80QR2425YY	55CD80QR7025YY				
		V-Groove	2500	55VG80QT2425YY					
Ductile V-Groove	3500	55DV80QT2425YY	55DV80QT7025YY						
8	3	Mold-On Rubber	900	55RS80LB2425YY				10-1/2	6-9/32
		Supreme Rubber™	1000		55RH80LS7025YY				
		Phenolic	2500	55PH80LB2425YY					
		High-Temp Phenolic	1900	55HT80LQ2425YY					
		Polyon™	2500	55PU80L+2425YY		55PU80LG6525YY	G,V		
		EnergySaver Polyon™	2700	55SW80LU2425YY	55SW80LU7025YY	55SW80LU6525YY			
		UltraPoly®	3500	55EX80LG2425YY	55EX80LG7025YY	55EX80LG6525YY			
		ErgoLastomer™	3000			55HU80LI6525YY			
		Semi-Steel	2500	55SS80LS2425YY					
		Ductile	3500	55DS80LR2425YY	55DS80LR7025YY	55DS80LR6525YY			
		EnergySaver Ductile™	3500	55CD80LR2425YY	55CD80LR7025YY				
		Forged Steel	3500	55FS80LS2725YY	55FS80LS7925YY				
		V-Groove	3500	55VG80L+2425YY			T,W		
		Ductile V-Groove	3500	55DV80L+2425YY	55DV80L+7025YY	55DV80LT6525YY	T,W		
10	2-1/2	Mold-On Rubber	1000	55RS10QB2425YY				12-1/2	8
		Phenolic	2500	55PH10QB2425YY					
		Polyon™	2200	55PU10Q+2425YY			G,V		
		EnergySaver™	2400	55SW10QU2425YY	55SW10QU7025YY				
		Semi-Steel	2000	55SS10QS2425YY					
		Ductile	3500	55DS10QR2425YY	55DS10QR7025YY				
		10	3	Mold-On Rubber	1100	55RS10LB2425YY	55RS10LB7025YY		
Supreme Rubber™	1300				55RH10LS7025YY				
Phenolic	2900			55PH10LB2425YY					
High-Temp Phenolic	2400			55HT10LQ2425YY					
Polyon™	3000			55PU10L+2425YY		55PU10LG6525YY	G,V		
EnergySaver Polyon™	3000			55SW10LU2425YY	55SW10LU7025YY				
UltraPoly®	3500			55EX10LG2425YY	55EX10LG7025YY	55EX10LG6525YY			
ErgoLastomer™	3200					55HU10LI6525Y			
Semi-Steel	2500			55SS10LS2425YY					
Ductile	3500			55DS10LR2425YY	55DS10LR7025YY	55DS10LR6525YY			
EnergySaver Ductile™	3500			55CD10LR2425YY	55CD10LR7025YY				
Forged Steel	3500			55FS10LS2725YY	55FS10LS7925YY				
V-Groove	3500			55VG10L+2425YY			T,W		
Ductile V-Groove	3500			55DV10L+2425YY	55DV10L+7025YY	55DV10LT6525YY	T,W		
12	2-1/2	Mold-On Rubber	1200	55RS12QB2425YY				15-1/2	8-1/2
		Phenolic	3000	55PH12QB2425YY					
		Polyon™	2500	55PU12Q+2425YY			G,V		
		EnergySaver Polyon™	2700	55SW12QU2425YY					
		Semi-Steel	2000	55SS12QS2425YY					
12	3	Mold-On Rubber	1300	55RS12LB2425YY				15-1/2	8-1/2
		Supreme Rubber™	1400		55RH12LS7025YY				
		Phenolic	3500	55PH12LB2425YY					
		Polyon™	3500	55PU12L+2425YY		55PU12LG6525YY	G,V		
		EnergySaver Polyon™	3500	55SW12LU2425YY	55SW12LU7025YY				
		UltraPoly®	3500	55EX12LG2425YY	55EX12LG7025YY	55EX12LG6525YY			
		Semi-Steel	2500	55SS12LS2425YY					
		Ductile	3500	55DS12LR2425YY	55DS12LR7025YY	55DS12LR6525YY			
		EnergySaver Ductile™	3500	55CD12LR2425YY	55CD12LR7025YY				
		Forged Steel	3500	55FS12LS2725YY	55FS12LS7925YY				



57 / 58 Heavy Duty Kingpinless Series - Up to 6,000 lbs.

Durable Superior Casters®



Durable Superior Casters® Kingpinless Casters are designed for unsurpassed durability and use in abusive and demanding shock load applications that may cause traditional kingpin casters to fail. Our 57 Series casters are made out of ASTM1045 steel, drop forged 5/16" thick top plate integrates with a forged 3" diameter precisely machined raceway with a single row of hardened 1/2" ball bearings. The legs are formed from 3/8" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tampering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs. There are over a dozen wheels, bearings, brakes and options to choose from.

- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded on both sides.
- 3/4" axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Zerk grease fitting in raceway & axle.
- Standard stock series = Quick Deliveries.



Options



Face Contact Brake (F)



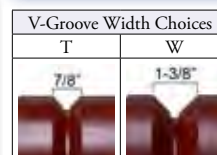
T Handle Brake (R)



4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately Part# 4PSL57



V-Groove Ductile V-Groove



Energy Saver Ductile™ (Crowned) Forged Steel

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	1/2

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	UltraPoly®	ErgoLastomer™	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	Energy Saver Ductile™ (Crowned)	Forged Steel
G	V											

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 57 to 58			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Tapered Bearing 70	Sealed Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
5	2-1/2 3	Ductile Steel Polyon™	2000 1400	57DS50QR2419YY 57PU50QG2419YY				7	4
6	2-1/2	Mold-On Rubber	700	57RS60QB2319YY			G,V	7-1/2	4-1/2
		Phenolic	1600	57PH60QB2319YY					
		Polyon™	1600	57PU60Q+2319YY					
		EnergySaver Polyon™	1700	57SW60QU+2319YY	57SW60QU7019YY				
		ErgoLastomer™	2200		57HU60QI6519YY				
		Semi-Steel	1800	57SS60QS2319YY					
		Ductile Steel	3500	57DS60QR2319YY	57DS60QR7019YY				
		EnergySaver Ductile™	3500	57CD60QR2319YY	57CD60QR7019YY				
		V-Groove	2500	57VG60QT2319YY					
		Ductile V-Groove	3500	57DV60QT2319YY	57DV60QT7019YY				

57 / 58 Heavy Duty Kingpinless Series - Up to 6,000 lbs.

Durable Superior Casters®



Wheel Diameter	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 57 to 58			+Color	Overall Height	Swivel Radius	
				Roller Bearing 23, 24	Tapered Bearing 70,79	Scaled Precision BB 65				
				Add options by replacing YY in part# with option designator/s.						
6	3	Mold-On Rubber	750	57RS60LB2419YY				7-1/2	4-1/2	
		Supreme Rubber™	850		57RH60LS7019YY					
		Phenolic	2000	57PH60LB2419YY						
		Polyon™	2000	57PU60L+2419YY						
		EnergySaver Polyon™	2200	57SW60LU2419YY	57SW60LU7019YY					
		UltraPoly®	3000	57EX60LG2419YY	57EX60LG7019YY	57EX60LG6519YY				
		Semi-Steel	2500	57SS60LS2419YY						
		Ductile Steel	6000	57DS60LR2419YY	57DS60LR7019YY	57DS60LG6519YY				
		EnergySaver Ductile™	6000	57CD60LR2419YY	57CD60LR7019YY					
		V-Groove	3500	57VG60L+2419YY			T,W			
Ductile V-Groove	5000	57DV60L+2419YY	57DV60LT7019YY	57DV60LT6519YY	T,W					
Forged Steel	6000	57FS60LS2719YY	57FS60LS7919YY							
8	2-1/2	Mold-On Rubber	850	57RS80QB2319YY				10-1/8	6-1/4	
		Supreme Rubber™	950			57RH60QS6519YY				
		Phenolic	2000	57PH80QB2319YY						
		Polyon™	2000	57PU80Q+2319YY			G,V			
		EnergySaver Polyon™	2200	57SW80QU2319YY	57SW80QU7019YY					
		ErgoLastomer™	2300			57HU80QI6519YY				
		Semi-Steel	1800	57SS80QS2319YY						
		Ductile	4000	57DS80QR2319YY	57DS80QR7019YY					
		EnergySaver Ductile™	4000	57CD80QR2319YY	57CD80QR7019YY					
		V-Groove	2500	57VG80QT2319YY						
Ductile V-Groove	3500	57DV80QT2319YY	57DV80QT7019YY							
8	3	Mold-On Rubber	900	57RS80LB2419YY				10-1/8	6-1/4	
		Supreme Rubber™	1000		57RH80LS7019YY					
		Phenolic	2500	57PH80LB2419YY						
		High-Temp Phenolic	1900	57HT80LQ2419YY						
		Polyon™	2500	57PU80L+2419YY		57PU80LG6519YY	G,V			
		EnergySaver Polyon™	2700	57SW80LU2419YY	57SW80LU7019YY	57SW80LU6519YY				
		UltraPoly®	3500	57EX80LG2419YY	57EX80LG7019YY	57EX80LG6519YY				
		ErgoLastomer™	3000			57HU80LI6519YY				
		Semi-Steel	2500	57SS80LS2419YY						
		Ductile	6000	57DS80LR2419YY	57DS80LR7019YY	57DS80LR6519YY				
		EnergySaver Ductile™	6000	57CD80LR2419YY	57CD80LR7019YY					
		V-Groove	3500	57VG80L+2419YY			T,W			
		Ductile V-Groove	5000	57DV80L+2419YY	57DV80L+7019YY	57DV80LT6519YY	T,W			
Forged Steel	6000	57FS80LS2719YY	57FS80LS7919YY							
10	2-1/2	Mold-On Rubber	1000	57RS10QB2319YY				11-1/2	7-1/2	
		Phenolic	2500	57PH10QB2319YY						
		Polyon™	2200	57PU10Q+2319YY			G,V			
		EnergySaver Polyon™	2400	57SW10QU2319YY	57SW10QU7019YY					
		Semi-Steel	2000	57SS10QS2319YY						
		Ductile	4500	57DS10QR2319YY	57DS10QR7019YY					
10	3	Mold-On Rubber	1100	57RS10LB2419YY	57RS10LB7019YY			11-1/2	7-1/2	
		Supreme Rubber™	1300		57RH10LS7019YY					
		Phenolic	2900	57PH10LB2419YY						
		High-Temp Phenolic	2400	57HT10LQ2419YY						
		Polyon™	3000	57PU10L+2419YY		57PU10LG6519YY	G,V			
		EnergySaver Polyon™	3000	57SW10LU2419YY	57SW10LU7019YY					
		UltraPoly®	4000	57EX10LG2419YY	57EX10LG7019YY	57EX10LG6519YY				
		ErgoLastomer™	3200			57HU10LI6519Y				
		Semi-Steel	2500	57SS10LS2419YY						
		Ductile	6000	57DS10LR2419YY	57DS10LR7019YY	57DS10LR6519YY				
		EnergySaver Ductile™	6000	57CD10LR2419YY	57CD10LR7019YY					
		V-Groove	3500	57VG10L+2419YY			T,W			
		Ductile V-Groove	6000	57DV10L+2419YY	57DV10L+7019YY	57DV10LT6519YY	T,W			
Forged Steel	6000	57FS10LS2719YY	57FS10LS7919YY							
12	2-1/2	Mold-On Rubber	1200	57RS12KB2319YY				13-1/2	9	
		Phenolic	3000	57PH12KB2319YY						
		Polyon™	2500	57PU12K+2319YY			G,V			
		EnergySaver Polyon™	2700	57SW12KU2319YY						
		Semi-Steel	2000	57SS12KS2319YY						
12	3	Mold-On Rubber	1300	57RS12LB2419YY				13-1/2	9	
		Supreme Rubber™	1400		57RH12LS7019YY					
		Phenolic	3500	57PH12LB2419YY						
		Polyon™	3500	57PU12L+2419YY		57PU12LG6519YY	G,V			
		EnergySaver Polyon™	3500	57SW12LU2419YY	57SW12LU7019YY					
		UltraPoly®	5000	57EX12LG2419YY	57EX12LG7019YY	57EX12LG6519YY				
		Semi-Steel	2500	57SS12LS2419YY						
		Ductile	6000	57DS12LR2419YY	57DS12LR7019YY	57DS12LR6519YY				
		EnergySaver Ductile™	6000	57CD12LR2419YY	57CD12LR7019YY					
		Forged Steel	6000	57FS12LS2719YY	57FS12LS7919YY					



61 / 62 Heavy Duty Kingpinless Series - Up to 7,000 lbs.

Durable Superior Casters®



Swivel caster shown with optional Face Contact Brake Part#61HU80LI6525FY

Durable Superior Casters® Kingpinless Casters are designed for unsurpassed durability and use in abusive and demanding shock load applications that may cause traditional kingpin casters to fail. Our 61 Series casters are made out of ASTM1045 steel, drop forged 5/16" thick top plate integrates with a forged 3" diameter precisely machined raceway with a single row of hardened 1/2" ball bearings. The legs are formed from 3/8" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tempering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs. There are over a dozen wheels, bearings, brakes and options to choose from.

- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded on both sides.
- 3/4" axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Zerk grease fitting in raceway & axle.
- Standard stock series = Quick Deliveries.



Options



Face Contact Brake (F)



T Handle Brake (R)

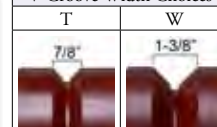


4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately Part# 4PSL61

V-Groove Width Choices



V-Groove Ductile V-Groove



Energy Saver Ductile™ (Crowned) Forged Steel

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
25	5-1/4 x 7-1/4	3-3/8 x 5-1/4 slotted to 4-1/8 x 6-1/8	1/2

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	UltraPoly®	ErgoLastomer™	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	Energy Saver Ductile™ (Crowned)	Forged Steel
		G	V									

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 61 to 62			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Sealed Precision BB 65	Tapered Bearing 70			
				Add options by replacing YY in part# with option designator/s.					
5	2-1/2 3	Ductile Steel Polyon™	2,000 1,400	61DS50QR2425YY 61PU50LG2425YY				7-1/2	5-3/4
6	2-1/2	Mold-On Rubber	700	61RS60QB2425YY			G,V	8	4-3/4
		Phenolic	1600	61PH60QB2425YY					
		Polyon™	1600	61PU60Q+2425YY					
		EnergySaver Polyon™	1700	61SW60QU+2425YY	61SW60QU7025YY				
		ErgoLastomer™	2200	61HU60QI6525YY					
		Semi-Steel	1800	61SS60QS2425YY					
		Ductile Steel	3500	61DS60QR2425YY	61DS60QR7025YY				
		EnergySaver Ductile™	3500	61CD60QR2425YY	61CD60QR7025YY				
		V-Groove	2500	61VG60QT2425YY					
		Ductile V-Groove	3500	61DV60QT2425YY	61DV60QT7025YY				

61 / 62 Heavy Duty Kingpinless Series - Up to 7,000 lbs.

Durable Superior Casters®



Wheel Diameter	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 61 to 62				+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24, 27	Sealed Precision BB 65	*Tapered Bearing 70,79	*Load Cap			
				Add options by replacing YY in part# with option designator/s.						
6	3	Yoke Only		61ZZ60LZ8825YY					8	4-3/4
		Mold-On Rubber	750	61RS60LB2425YY						
		Supreme Rubber™	850			61RH60LS7025YY				
		Phenolic	2000	61PH60LB2425YY						
		Polyon™	2000	61PU60L+2425YY						
		EnergySaver Polyon™	2200	61SW60LU2425YY		61SW60LU7025YY				
		UltraPoly®	3000	61EX60LG2425YY	61EX60LG6525YY	61EX60LG7025YY				
		Semi-Steel	2500	61SS60LS2425YY						
		Ductile Steel	6000	61DS60LR2425YY	61DS60LG6525YY	61DS60LR7025YY	*7000			
		EnergySaver Ductile™	6000	61CD60LR2425YY		61CD60LR7025YY	*7000			
Forged Steel	6000	61FS60LS2725YY		61FS60LS7925YY	*7000					
V-Groove	3500	61VG60L+2425YY				T,W				
Ductile V-Groove	5000	61DV60L+2425YY	61DV60LT6525YY	61DV60LT7025YY		T,W				
8	2-1/2	Mold-On Rubber	850	61RS80QB2425YY					10-1/2	6-1/2
		Phenolic	2000	61PH80QB2425YY						
		Polyon™	2000	61PU80Q+2425YY				G,V		
		EnergySaver Polyon™	2200	61SW80QU2425YY		61SW80QU7025YY				
		ErgoLastomer™	2300		61HU80QI6525YY					
		Semi-Steel	1800	61SS80QS2425YY						
		Ductile	4000	61DS80QR2425YY		61DS80QR7025YY				
		EnergySaver Ductile™	4000	61CD80QR2425YY		61CD80QR7025YY				
		V-Groove	2500	61VG80QT2425YY						
		Ductile V-Groove	3500	61DV80QT2425YY		61DV80QT7025YY				
8	3	Yoke Only		61ZZ80LZ8825YY					10-1/2	6-1/2
		Mold-On Rubber	900	61RS80LB2425YY						
		Supreme Rubber™	1000			61RH80LS7025YY				
		Phenolic	2500	61PH80LB2425YY						
		High-Temp Phenolic	1500	61HT80LQ2425YY						
		Polyon™	2500	61PU80L+2425YY	61PU80LG6525YY			G,V		
		EnergySaver Polyon™	2700	61SW80LU2425YY	61SW80LU6525YY	61SW80LU7025YY				
		UltraPoly®	3500	61EX80LG2425YY	61EX80LG6525YY	61EX80LG7025YY				
		ErgoLastomer™	3000		61HU80LI6525YY					
		Semi-Steel	2500	61SS80LS2425YY						
		Ductile	6000	61DS80LR2425YY	61DS80LR6525YY	61DS80LR7025YY	*7000			
		EnergySaver Ductile™	6000	61CD80LR2425YY		61CD80LR7025YY	*7000			
		Forged Steel	6000	61FS80LS2725YY		61FS80LS7925YY	*7000			
V-Groove	3500	61VG80L+2425YY				T,W				
Ductile V-Groove	5000	61DV80L+2425YY	61DV80LT6525YY	61DV80L+7025YY		T,W				
10	2-1/2	Mold-On Rubber	1000	61RS10QB2425YY					12-1/2	8-1/32
		Phenolic	2500	61PH10QB2425YY						
		Polyon™	2200	61PU10Q+2425YY				G,V		
		EnergySaver Polyon™	2400	61SW10QU2425YY		61SW10QU7025YY				
		Semi-Steel	2000	61SS10QS2425YY						
		Ductile	4500	61DS10QR2425YY		61DS10QR7025YY				
		10	3	Yoke Only		61ZZ10LZ8825YY				
Mold-On Rubber	1100			61RS10LB2425YY		61RS10LB7025YY				
Supreme Rubber™	1300					61RH10LS7025YY				
Phenolic	2900			61PH10LB2425YY						
High-Temp Phenolic	2400			61HT10LQ2425YY						
Polyon™	3000			61PU10L+2425YY	61PU10LG6525YY			G,V		
EnergySaver Polyon™	3000			61SW10LU2425YY		61SW10LU7025YY				
UltraPoly®	4000			61EX10LG2425YY	61EX10LG6525YY	61EX10LG7025YY				
ErgoLastomer™	3200				61HU10LI6525Y					
Semi-Steel	2500			61SS10LS2425YY						
Ductile	6000			61DS10LR2425YY	61DS10LR6525YY	61DS10LR7025YY	*7000			
EnergySaver Ductile™	6000			61CD10LR2425YY		61CD10LR7025YY	*7000			
Forged Steel	6000			61FS10LS2725YY		61FS10LS7925YY	*7000			
V-Groove	3500	61VG10L+2425YY				T,W				
Ductile V-Groove	6000	61DV10L+2425YY	61DV10LT6525YY	61DV10L+7025YY	*7000	T,W				
12	2-1/2	Mold-On Rubber	1200	61RS12QB2425YY					15-1/2	10-1/32
		Phenolic	3000	61PH12QB2425YY						
		Polyon™	2500	61PU12Q+2425YY				G,V		
		EnergySaver Polyon™	2700	61SW12Q2425YY						
		Semi-Steel	2000	61SS12QS2425YY						
12	3	Yoke Only		61ZZ12LZ8825YY					15-1/2	10-1/32
		Mold-On Rubber	1300	61RS12LB2425YY						
		Supreme Rubber™	1400			61RH12LS7025YY				
		Phenolic	3500	61PH12LB2425YY						
		Polyon™	3500	61PU12L+2425YY	61PU12LG6525YY			G,V		
		EnergySaver Polyon™	3500	61SW12LU2425YY		61SW12LU7025YY				
		UltraPoly®	5000	61EX12LG2425YY	61EX12LG6525YY	61EX12LG7025YY				
		Semi-Steel	2500	61SS12LS2425YY						
		Ductile	6000	61DS12LR2425YY	61DS12LR6525YY	61DS12LR7025YY	*7000			
		EnergySaver Ductile™	6000	61CD12LR2425YY		61CD12LR7025YY	*7000			
		Forged Steel	6000	61FS12LS2725YY		61FS12LS7925YY	*7000			



63 / 64 Extreme Duty Kingpinless Series - Up to 18,000 lbs.

Durable Superior Casters®



Durable Superior Casters® Kingpinless Casters are designed for unsurpassed durability and use in abusive and demanding shock load applications that may cause traditional kingpin casters to fail. Our 63 Series casters are made out of ASTM1045 steel, drop forged 1/2" thick top plate integrates with a forged 4-1/2" diameter precisely machined raceway with a single row of hardened 5/8" ball bearings. The legs are formed from 3/8" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tempering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs. Over a dozen wheels, bearings, brakes and options to choose from.

- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded on both sides.
- 1" Grade 5 axle bolt for 3" wide wheels & 1-1/4" Grade 8 axle bolt for 4" wide wheels.
- Zinc plated finish is attractive & corrosion resistant.
- Zerk grease fitting in raceway & wheel hub.
- Standard stock series = Quick Deliveries.



Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
30	6-1/4 x 7-1/2	4-1/2 x 6 slotted to 4-1/8 x 6-1/8	1/2 to 9/16

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	UltraPoly®	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	Energy Saver Ductile™ (Crowned)	Forged Steel
G	V										

Options



Face Contact Brake (F)



T Handle Brake (R)



4-Position Lock Bolt-on. Order Separately Part# 4PSL63



Reinforced leg base
Cross bar welded between leg base offers added strength against failure.

V-Groove Width Choices	
T	W
V-Groove	Ductile V-Groove

CHOOSING THE RIGHT WHEEL BEARINGS FOR YOUR APPLICATION

ROLLER BEARING



Standard bearing for general duty applications; cost effective, best bearing for abusive and shock load applications. Not recommended for applications where side thrust is present or on casters used in constant circular turns. Requires periodical lubrication.

TAPERED ROLLER BEARING



Heaviest duty type of roller bearings with the added advantage of tapered design. Inner & outer raceways are precision machined and heat treated. Wheels come with 1 cup, cone, seal & thrust bushing on each side. This is the best bearing for extreme duty loads & towing applications. Maximizes the weight capacity and mobility of the wheel. Requires periodical lubrication.

SEALED PRECISION BEARINGS (63)



Ergonomic solution: Sealed precision bearings offer low rolling resistance and require the least amount of force to start and maintain a rolling load; excellent for both manual mobility & tow line applications. Maintenance Free! Two top hat spanner bushings are added to secure precise spacing & stability. Not recommended for side thrust or shock load applications.

63 / 64 Extreme Duty Kingpinless Series - Up to 18,000 lbs.

Durable Superior Casters®



Wheel Diameter	Tread Width	Wheel Type	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 63 to 64						+Color	Overall Height	Swivel Radius
			Roller Bearings 26, 27, 33	Weight Capacity	Tapered Bearings 71, 74	Weight Capacity	Sealed Precision BB's 67, 68	Weight Capacity			
6	3	Mold-On Rubber	63RS60LB2630YY	750						8-1/2	4-3/4
		Supreme Rubber™	63RH60LS2630YY	850	63RH60LS7130YY	850	63RH60LS6730YY	850			
		Phenolic	63PH60LB2630YY	2000							
		Polyon™	63PU60L+2630YY	2000					G,V		
		EnergySaver Polyon™	63SW60LU2630YY	2200	63SW60LU7130YY	2200					
		UltraPoly®	63EX60LG2630YY	3000	63EX60LG7130YY	3000	63EX60LG6730YY	3000			
		Semi-Steel	63SS60LS2630YY	2500							
		Ductile	63DS60LR2630YY	6000	63DS60LR7130YY	10000	63DS60LR6730YY	6000			
		EnergySaver Ductile™	63CD60LR2630YY	6000	63CD60LR7130YY	10000	63CD60LR6730YY	8000			
		Forged Steel	63FS60LS2730YY	8000	63FS60LS7130YY	10000					
		V-groove	63VG60L+2630YY	3500					T,W		
		Ductile V-Groove	63DV60L+2630YY	5000	63DV60L+7130YY	5000			T,W		
		Mold-On Rubber	63RS80LB2630YY	900							
8	3	Mold-On Rubber	63RS80LB2630YY	900						10-1/2	6-3/16
		Supreme Rubber™	63RH80LS2630YY	1000	63RH80LS7130YY	1000	63RH80LS6730YY	1000			
		Phenolic	63PH80LB2630YY	2500							
		High-Temp Phenolic	63HT80LQ2630YY	1900							
		Polyon™	63PU80L+2630YY	2500					G,V		
		EnergySaver Polyon™	63SW80LU2630YY	2700	63SW80LU7130YY	2700					
		UltraPoly®	63EX80LG2630YY	3500	63EX80LG7130YY	3500	63EX80LG6730YY	3500			
		Semi-Steel	63SS80LS2630YY	2500							
		Ductile	63DS80LR2630YY	6000	63DS80LR7130YY	10000	63DS80LR6730YY	6000			
		EnergySaver Ductile™	63CD80LR2630YY	6000	63CD80LR7130YY	10000					
		Forged Steel	63FS80LS2730YY	8000	63FS80LS7130YY	11000					
		V-groove	63VG80L+2630YY	3500					T,W		
		Ductile V-Groove	63DV80L+2630YY	5000	63DV80L+7130YY	5000			T,W		
8	4	UltraPoly®	63EX80NG3330YY	4000	63EX80NG7430YY	4000	63EX80NG6830YY	4000		10-1/2	6-3/16
		Ductile	63DS80NR3330YY	10000	63DS80NR7430YY	17000	63DS80NR6830YY	10000			
		Forged Steel	63FS80NS3330YY	11000	63FS80NS7430YY	18000					
10	3	Mold-On Rubber	63RS10LB2630YY	1100						12-1/2	7-11/16
		Supreme Rubber™	63RH10LS2630YY	1300	63RH10LS7130YY	1300	63RH10LS6730YY	1300			
		Phenolic	63PH10LB2630YY	2900							
		High-Temp Phenolic	63HT10LQ2630YY	2400							
		Polyon™	63PU10L+2630YY	3000					G,V		
		EnergySaver Polyon™	63SW10LU2630YY	3000	63SW10LU7130YY	3000					
		UltraPoly®	63EX10LG2630YY	4000	63EX10LG7130YY	4000	63EX10LG6730YY	4000			
		Semi-Steel	63SS10LS2630YY	2500							
		Ductile	63DS10LR2630YY	7000	63DS10LR7130YY	10000	63DS10LR6730YY	8000			
		EnergySaver Ductile™	63CD10LR2630YY	7000	63CD10LR7130YY	10000					
		Forged Steel	63FS10LS2730YY	8000	63FS10LS7130YY	10000					
		V-groove	63VG10L+2630YY	3500					T,W		
		Ductile V-Groove	63DV10L+2630YY	6000	63DV10L+7130YY	7000			T,W		
10	4	Mold-On Rubber	63RS10NB3330YY	1400						12-1/2	7-11/16
		UltraPoly®	63EX10NG3330YY	5500	63EX10NG7430YY	5500	63EX10NG6830YY	5500			
		Ductile	63DS10NR3330YY	10000	63DS10NR7430YY	17000	63DS10NR6830YY	10000			
		Forged Steel	63FS10NS3330YY	11000	63FS10NS7430YY	18000					
12	3	Mold-On Rubber	63RS12LB2630YY	1300						15-1/2	9-5/8
		Supreme Rubber™	63RH12LS2630YY	1400	63RH12LS7130YY	1400	63RH12LS6730YY				
		Phenolic	63PH12LB2630YY	3500							
		Polyon™	63PU12L+2630YY	3500					G,V		
		EnergySaver Polyon™	63SW12LU2630YY	3500	63SW12LU7130YY	3500					
		UltraPoly®	63EX12LG2630YY	5000	63EX12LG7130YY	5000	63EX12LG6730YY	5000			
		Semi-Steel	63SS12LS2630YY	2500							
		Ductile	63DS12LR2630YY	6000	63DS12LR7130YY	10000	63DS12LR6730YY	8000			
		EnergySaver Ductile™	63CD12LR2630YY	6000	63CD12LR7130YY	10000					
		Forged Steel	63FS12LS2730YY	8000	63FS12LS7130YY	10000	63FS12LS6730YY	8000			
12	3-1/2	Supreme Rubber™	63RH12MS3330YY	1500	63RH12MS7430YY	1500				15-1/2	9-5/8
		Phenolic	63PH12MB3330YY	4000							
12	4	Mold-On Rubber	63RS12NB3330YY	1500						15-1/2	9-5/8
		UltraPoly®	63EX12NG3330YY	6500	63EX12NG7430YY	6500	63EX12NG6830YY	6500			
		Phenolic	63PH12NB3330YY	6500							
		Ductile	63DS12NR3330YY	10000	63DS12NR7430YY	17000	63DS12NR6830YY	11000			
		Forged Steel	63FS12NS3330YY	11000	63FS12NS7430YY	18000					
16	3	Mold-On Rubber	63RS16LB2630YY	1500						?	?
		Phenolic	63PH16LB2630YY	4000							
		Polyon™	63PU16LG2630YY	4400							



65 / 66 Extreme Duty Kingpinless Series - Up to 20,000 lbs.

Durable Superior Casters®



Durable Superior Casters® Kingpinless Casters are designed for unsurpassed durability and use in abusive and demanding shock load applications that may cause traditional kingpin casters to fail. Our 65 Series casters are made out of ASTM1045 steel, drop forged 5/8" thick top plate integrates with a forged 7" diameter precisely machined raceway with a single row of hardened 3/4" ball bearings. The legs are formed from 1/2" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tempering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs. Over a dozen wheels, bearings, brakes and options to choose from.

- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 1/2" thick legs are robotically welded on both sides.
- 1-1/4" CNC Machined Grade 8 axle bolt.
- Zinc plated finish is attractive & corrosion resistant.
- Zerk grease fitting in raceway & wheel hub.
- Standard stock series = Quick Deliveries.



Options



Face Contact Brake (F)



T Handle Brake (R)



4-Position Lock Bolt-on. Order Separately Part# 4PSL65

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
45	8-1/2 x 8-1/2	7 x 7	5/8

Mold-on Rubber	Supreme Rubber™	UltraPoly®	Phenolic	Ductile	Forged Steel

Wheel Diameter	Tread Width	Wheel Type	Swivel caster part numbers shown below; to order Rigid casters change part# prefix 65 to 66						Overall Height	Swivel Radius
			Roller Bearings 33	Weight Capacity	Tapered Bearings 74	Weight Capacity	Sealed Precision Ball Bearings 68	Weight Capacity		
8	4	UltraPoly®	65EX80NG3345YY	4000	65EX80NG7445YY	4000	65EX80NG6845YY	4000	11	6
		Ductile	65DS80NR3345YY	11000	65DS80NR7445YY	17000	65DS80NR6845YY	11000		
		Forged Steel	65FS80NS3345YY	11000	65FS80NS7445YY	18000				
10	4	Mold-On Rubber	65RS10NB3345YY	1400	65EX10NG7445YY	5500	65EX10NG6845YY	5500	13	7-1/2
		UltraPoly®	65EX10NG3345YY	5500	65EX10NG7445YY	5500	65EX10NG6845YY	5500		
		Ductile	65DS10NR3345YY	11000	65DS10NR7445YY	17000	65DS10NR6845YY	11000		
		Forged Steel	65FS10NS3345YY	11000	65FS10NS7445YY	20000				
12	3-1/2	Supreme Rubber™	65RH12MS3345YY	1500	65RH12MS7445YY	1500			15-1/2	9
		Phenolic	65PH12MB3345YY	4000						
12	4	Mold-On Rubber	65RS12NB3345YY	1500	65EX12NG7445YY	6500	65EX12NG6845YY	6500	15-1/2	9
		UltraPoly®	65EX12NG3345YY	6500	65EX12NG7445YY	6500	65EX12NG6845YY	6500		
		Ductile	65DS12NR3345YY	11000	65DS12NR7445YY	17000	65DS12NR6845YY	11000		
		Forged Steel	65FS12NS3345YY	11000	65FS12NS7445YY	20000				

D1 / R1 Dual Wheel Kingpinless Series - Up to 6,000 lbs.

Durable Superior Casters®



Applications:

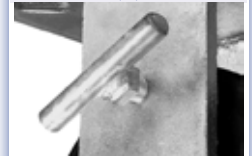
Ideal for: Towlines and shock load applications, production line dollies & trucks used in various industries including but not limited to: boat & ship molding and assembly, automotive, aerospace, metal fabricating, heavy machinery, military equipment, mobile homes, tractor pulled trailers, extreme duty platform trucks & material handling carts, aircargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, coliseum & gymnasium equipment, shipping / receiving carts, warehousing & freight terminal dollies and carts, and countless other applications.



Options



Face Contact Brake (F)



T Handle Brake
1 Side =(R) 2 Sides =(W)



4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL57

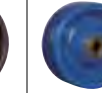
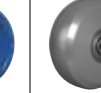
Dual wheel casters offer higher weight capacities with minimal overall heights, better load distribution, floor protection and increased mobility than single wheel casters by spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between the wheels and the floor, requiring less effort for the caster to swivel. Our D1 Series casters are made out of ASTM1045 steel, drop forged 5/16" thick top plate integrates with a forged 3" diameter precisely machined raceway with a single row of hardened 1/2" ball bearings. The legs are formed from 3/8" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tempering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs.

- Dual wheel design offers higher weight capacities & load distribution than single wheel casters.
- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded on both sides.
- 1/2" CNC machined grade 5 axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Comes with Zerk grease fittings for maintenance.



Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	1/2

Polyon™		Polyon AL™		Polyon MaxRok™		PolyFlexon® Cast (Round)	PolyFlexon® (Round)	Champion™	EnergySaver Polyon™ (Crowned)	Dura- Lastomer®	Ergo- Lastomer™	
G	V	N	R	G	K							
												
												
Polyolefin	CushEndure™	Low Profile Mold-on Rubber	Mold-on Rubber	Supreme Rubber™	Rubber on Nylon	Rubber on Aluminum	Dura Cushion™ (X)	Dura Cushion™ (Z)	Eco-Rubber™	HT Phenolic High Temp	BrimStone® High Temp	SteROLLizer AL® High Temp
												
Nylon	MaxRok™	RokHard™	Phenolic	Semi-Steel	Heavy Duty Iron	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel	Solid Steel V-Groove	MaxRok™ V-Groove	V-Groove	Ductile V-Groove



D1 / R1 Dual Wheel Kingpinless Series - Up to 6,000 lbs.

Durable Superior Casters™

Wheel Diameter	Overall Height	Swivel Radius
4	7	4-1/8
5	7-1/2	4-5/8
6	8	5-1/8
8	10-1/8	6-3/4

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

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D1 to R1					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
4	2 x 2	Nomadic™	800	D1NM40JB0419YY			D1NM40JB4819YY		
		Rubber on Nylon	800	D1NR40JB0419YY	D1NR40JB0919YY		D1NR40JB4819YY	D1NR40JB##19YY	
		Rubber on Aluminum	800	D1RA40JB0419YY				D1RA40JB##19YY	
		Low Profile Rubber	600	D1LP40JB0419YY					
		Mold-On Rubber	800	D1RS40JB0419YY					
		Thermo-Pro™	600				D1TP40JI4819YY		
		Thermo-Pro™	600	D1TP40J+0419YY	D1TP40J+0919YY		D1TP40J+4819YY	D1TP40J+##19YY	I,T,X,Y
		Polyolefin	1000	D1PO40JB0419YY	D1PO40JB0919YY		D1PO40JB6019YY	D1PO40JB##19YY	
		Nylon	1600	D1NY40JE0419YY	D1NY40JE0919YY		D1NY40JE6019YY		
		RokHard™	1600	D1HI40JB0419YY	D1HI40JB0919YY		D1HI40JB6019YY	D1HI40JB##19YY	
		BrimStone®	1600	D1GN40JQ0419YY	D1GN40JQ0919YY		D1GN40JQ6019YY	D1GN40JQ##19YY	
		MaxRok™	1600	D1MA40JB0419YY	D1MA40JB0919YY		D1MA40JB6019YY	D1MA40JB##19YY	
		Phenolic	1600	D1PH40JB0419YY	D1PH40JB0919YY		D1PH40JB6019YY	D1PH40JB##19YY	
		High-Temp Phenolic	1200	D1HT40JQ0419YY	D1HT40JQ0919YY			D1HT40JQ##19YY	
		Polyon MaxRok™	1400	D1MU40J+0419YY	D1MU40J+0919YY		D1MU40J+6319YY	D1MU40J+##19YY	G,K
		Polyon AL™	1600	D1PA40J+0419YY			D1PA40J+6019YY	D1PA40J+##19YY	N,R
		Poly-Pro™	1000	D1PP40J+0419YY	D1PP40J+0919YY		D1PP40J+6019YY	D1PP40J+##19YY	I,D,K,U,W
		Poly-Pro™	1000	D1PP40JM0419YY	D1PP40JM0919YY		D1PP40JM6319YY	D1PP40JM##19YY	
		Polymadic™	1200	D1PM40JI0419YY	D1PM40JI0919YY		D1PM40Jl##19YY	D1PM40Jl##19YY	
		Polyon™	1600			D1PU40JV7319YY	D1PU40JV6319YY		
		Polyon™	1600	D1PU40J+0419YY				D1PU40J+##19YY	G,V
		EnergySaver Polyon™	1600	D1SW40JU0419YY		D1SW40JU7319YY			
		PolyFlexon® Cast	1400	D1RP40JK0419YY			D1RP40JK4819YY	D1RP40JK##19YY	
		DuraLastomer®	1500	D1SU40JL0919YY			D1SU40JL6019YY	D1SU40JL##19YY	
		ErgoLastomer™	2000	D1HU40JI0419YY	D1HU40JI0919YY	D1HU40JI7319YY	D1HU40JI6319YY	D1HU40Jl##19YY	
		Semi-Steel	1400	D1SS40JS0419YY				D1SS40JS##19YY	
		Heavy Duty Iron	1800	D1HS40JS0419YY			D1HS40JS6319YY		
		Ductile	3000	D1DS40JR0419YY		D1DS40JR7319YY	D1DS40JR6319YY		
		EnergySaver Ductile™	3000	D1CD40JR0419YY					
5	2 x 2	Nomadic™	100	D1NM50JB0419YY			D1NM50JB4819YY		
		Rubber on Nylon	900	D1NR50JB0419YY	D1NR50JB0919YY		D1NR50JB4819YY	D1NR50JB##19YY	
		Rubber on Aluminum	1000	D1RA50JB0419YY			D1RA50JB6019YY	D1RA50JB##19YY	
		Mold-On Rubber	800	D1RS50JB0419YY					
		CushEndure™	800				D1GR50JB1919YY		
		Thermo-Pro™	700				D1TP50JI6319YY		
		Thermo-Pro™	700	D1TP50J+0419YY	D1TP50J+0919YY		D1TP50J+6019YY	D1TP50J+##19YY	I,T,X,Y
		Polyolefin	1300	D1PO50JB0419YY	D1PO50JB0919YY		D1PO50JB6019YY	D1PO50JB##19YY	
		Nylon	1800	D1NY50JE0419YY	D1NY50JE0919YY		D1NY50JE6019YY	D1NY50JE##19YY	
		RokHard™	2000	D1HI50JB0419YY	D1HI50JB0919YY		D1HI50JB6019YY	D1HI50JB##19YY	
		BrimStone®	2000	D1GN50JQ0419YY	D1GN50JQ0919YY		D1GN50JQ6019YY	D1GN50JQ##19YY	
		MaxRok™	2000	D1MA50JB0419YY	D1MA50JB0919YY		D1MA50JB6019YY	D1MA50JB##19YY	
		Phenolic	2000	D1PH50JB0419YY	D1PH50JB0919YY		D1PH50JB6019YY	D1PH50JB##19YY	
		High-Temp Phenolic	1500	D1HT50JQ0419YY	D1HT50JQ0919YY			D1HT50JQ##19YY	
		Polyon MaxRok™	2000	D1MU50J+0419YY	D1MU50J+0919YY		D1MU50J+6319YY	D1MU50J+##19YY	G,K
		Polyon AL™	1800	D1PA50J+0419YY			D1PA50J+6019YY	D1PA50J+##19YY	N,R
		Poly-Pro™	1200	D1PP50J+0419YY	D1PP50J+0919YY		D1PP50J+6019YY	D1PP50J+##19YY	I,D,K,U,W
		Poly-Pro™	1200	D1PP50JM0419YY	D1PP50JM0919YY		D1PP50JM6319YY	D1PP50JM##19YY	
		Polymadic™	1500	D1PM50JI0419YY	D1PM50JI0919YY		D1PM50Jl##19YY	D1PM50Jl##19YY	
		Polyon™	2200			D1PU50JV7319YY	D1PU50JV6319YY		
		Polyon™	2200	D1PU50J+0419YY				D1PU50J+##19YY	G,V
		EnergySaver Polyon™	2600	D1SW50JU0419YY					
		PolyFlexon® Cast	1600	D1RP50JK0419YY			D1RP50JK6319YY		
		DuraLastomer®	1800	D1SU50JL0919YY			D1SU50JL6019YY	D1SU50JL##19YY	
		ErgoLastomer™	2800	D1HU50JI0419YY	D1HU50JI0919YY	D1HU50JI7319YY	D1HU50JI6319YY	D1HU50Jl##19YY	
		Semi-Steel	2000	D1SS50JS0419YY				D1SS50JS##19YY	
		Heavy Duty Iron	2400	D1HS50JS0419YY			D1HS50JS6319YY		
		Ductile	3000	D1DS50JR0419YY		D1DS50JR7319YY	D1DS50JR6319YY		
		EnergySaver Ductile™	3000	D1CD50JR0419YY					

D1 / R1 Dual Wheel Kingpinless Series - Up to 6,000 lbs.

Durable Superior Casters®



Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D1 to R1					+Color
				Roller Bearing 04	Caged Roller Bearing 09	Tapered Bearing 73	Sealed Precision BB 48, 60, 63	Delrin, Bronze & Plain: 11, 12, 56, 57, 88, 96	
				CHOOSE BEARING TYPE: When multiple bearing choices exist; replace ## with desired bearing code.					
6	2 x 2	Nomadic™	1200	D1NM60JB0419YY	D1NR60JB0919YY		D1NM60JB4819YY	D1NR60JB##19YY	
		Rubber on Nylon	1100	D1NR60JB0419YY					
		Dura Cushion™	700	D1BC60J-0419YY			D1BC60J+6319YY	D1BC60J+##19YY	X,Z
		Rubber on Aluminum	1100	D1RA60JB0419YY			D1RA60JB6019YY	D1RA60JB##19YY	
		Low Profile Rubber	1200	D1LP60JB0419YY					
		Mold-On Rubber	1100	D1RS60JB0419YY					
		Supreme Rubber™	1400			D1RH60JS7319YY			
		CushEndure™	900				D1GR60JB1919YY		
		Thermo-Pro™	1000	D1TP60J+0419YY	D1TP60J+0919YY		D1TP60J+6019YY	D1TP60J+##19YY	I,T,X,Y
		Polyolefin	1400	D1PO60JB0419YY	D1PO60JB0919YY		D1PO60JB6019YY	D1PO60JB##19YY	
		Nylon	2000	D1NY60JE0419YY	D1NY60JE0919YY		D1NY60JE6019YY	D1NY60JE##19YY	
		RokHard™	2400	D1HI60JB0419YY	D1HI60JB0919YY		D1HI60JB6019YY	D1HI60JB##19YY	
		BrimStone®	2200	D1GN60JQ0419YY	D1GN60JQ0919YY		D1GN60JQ6019YY	D1GN60JQ##19YY	
		MaxRok™	2400	D1MA60JB0419YY	D1MA60JB0919YY		D1MA60JB6019YY	D1MA60JB##19YY	
		Phenolic	2400	D1PH60JB0419YY	D1PH60JB0919YY		D1PH60JB6019YY	D1PH60JB##19YY	
		High-Temp Phenolic	1800	D1HT60JQ0419YY	D1HT60JQ0919YY			D1HT60JQ##19YY	
		Polygon MaxRok™	2400	D1MU60J+0419YY	D1MU60J+0919YY		D1MU60J+6319YY	D1MU60J+##19YY	G,K
		Polygon AL™	2400	D1PA60J+0419YY			D1PA60J+6019YY	D1PA60J+##19YY	N,R
		Poly-Pro™	1440	D1PP60J+0419YY	D1PP60J+0919YY		D1PP60J+6019YY	D1PP60J+##19YY	I,D,K,U,W
		Poly-Pro™	1440	D1PP60JM0419YY	D1PP60JM0919YY		D1PP60J+6319YY	D1PP60JM##19YY	H,M
		Polymadic™	1800	D1PM60JI0419YY	D1PM60JI0919YY		D1PM60JI##19YY	D1PM60JI##19YY	
		Polygon™	2400			D1PU60JV7319YY	D1PU60JV6319YY		
		Polygon™	2400	D1PU60J+0419YY				D1PU60J+##19YY	G,V
		EnergySaver™	2800	D1SW60JU0419YY		D1SW60JU7319YY	D1SW60JU6319YY		
		PolyFlexon® Cast	1800				D1RP60JK4819YY		
		PolyFlexon®	1800				D1UA60JN6319YY		
		Champion™	2400				D1CP60JN6419YY		
		DuraLastomer®	2000	D1SU60JL0919YY			D1SU60JL6019YY	D1SU60JL##19YY	
ErgoLastomer™	3400	D1HU60JI0419YY	D1HU60JI0919YY	D1HU60JI7319YY	D1HU60JI6319YY	D1HU60JI##19YY			
Semi-Steel	2400	D1SS60JS0419YY				D1SS60JS##19YY			
Heavy Duty Iron	2800	D1HS60JS0419YY			D1HS60JS6319YY				
Ductile	4000	D1DS60JR0419YY		D1DS60JR7319YY	D1DS60JR6319YY				
EnergySaver Ductile™	4000	D1CD60JR0419YY							
Forged Steel	5000	D1FS60JS0419YY		D1FS60JS7319YY					
8	2 x 2	Nomadic™	1400	D1NM80JB0419YY	D1NR80JB0919YY		D1NM80JB4819YY	D1NR80JB##19YY	
		Rubber on Nylon	1200	D1NR80JB0419YY					
		Dura Cushion™	900	D1BC80J-0419YY			D1BC80J+6319YY	D1BC80J+##19YY	X,Z
		Eco-Rubber™	900				D1SN80UCP319YY		
		Rubber on Aluminum	1200	D1RA80JB0419YY			D1RA80JB6019YY	D1RA80JB##19YY	
		Mold-On Rubber	1200	D1RS80JB0419YY					
		Supreme Rubber™	1600			D1RH80JS7319YY			
		Thermo-Pro™	1200	D1TP80J+0419YY	D1TP80J+0919YY		D1TP80J+6019YY	D1TP80J+##19YY	I,T,X,Y
		Polyolefin	1800	D1PO80JB0419YY	D1PO80JB0919YY		D1PO80JB6019YY	D1PO80JB##19YY	
		Nylon	2200	D1NY80JE0419YY	D1NY80JE0919YY		D1NY80JE6019YY	D1NY80JE##19YY	
		RokHard™	2800	D1HI80JB0419YY	D1HI80JB0919YY		D1HI80JB6019YY	D1HI80JB##19YY	
		BrimStone®	2400	D1GN80JQ0419YY	D1GN80JQ0919YY		D1GN80JQ6019YY	D1GN80JQ##19YY	
		MaxRok™	2800	D1MA80JB0419YY	D1MA80JB0919YY		D1MA80JB6019YY	D1MA80JB##19YY	
		Phenolic	2800	D1PH80JB0419YY	D1PH80JB0919YY		D1PH80JB6019YY	D1PH80JB##19YY	
		High-Temp Phenolic	2200	D1HT80JQ0419YY	D1HT80JQ0919YY			D1HT80JQ##19YY	
		Polygon MaxRok™	2800	D1MU80J+0419YY	D1MU80J+0919YY		D1MU80J+6319YY	D1MU80J+##19YY	G,K
		Polygon AL™	3000	D1PA80J+0419YY			D1PA80J+6019YY	D1PA80J+##19YY	N,R
		Poly-Pro™	1600	D1PP80J+0419YY	D1PP80J+0919YY		D1PP80J+6019YY	D1PP80J+##19YY	I,D,K,U,W
		Poly-Pro™	1600	D1PP80JM0419YY	D1PP80JM0919YY		D1PP80J+6319YY	D1PP80JM##19YY	H,M
		Polymadic™	2000	D1PM80JI0419YY	D1PM80JI0919YY		D1PM80JI##19YY	D1PM80JI##19YY	
		Polygon™	2800			D1PU80JV7319YY	D1PU80JV6319YY		
		Polygon™	2800	D1PU80J+0419YY				D1PU80J+##19YY	G,V
		EnergySaver™	3000	D1SW80JU0419YY		D1SW80JU7319YY	D1SW80JU6319YY		
		PolyFlexon® Cast	2000				D1RP80JK6319YY		
		PolyFlexon®	2000				D1UA80JN6319YY		
		Champion™	3000				D1CP80JN6419YY		
		DuraLastomer®	2000	D1SU80JL0919YY			D1SU80JL6019YY	D1SU80JL##19YY	
		ErgoLastomer™	4000	D1HU80JI0419YY	D1HU80JI0919YY	D1HU80JI7319YY	D1HU80JI6319YY	D1HU80JI##19YY	
Semi-Steel	2800	D1SS80JS0419YY				D1SS80JS##19YY			
Heavy Duty Iron	3200	D1HS80JS0419YY			D1HS80JS6319YY				
Ductile	4000	D1DS80JR0419YY		D1DS80JR7319YY	D1DS80JR6319YY				
EnergySaver Ductile™	4000	D1CD80JR0419YY							
Forged Steel	6000	D1FS80JS0419YY		D1FS80JS7319YY					



D2 / R2 Dual Wheel Kingpinless Series - Up to 7,000 lbs.

Durable Superior Casters®



Applications:

Ideal for: Towlines and shock load applications, production line dollies & trucks used in various industries including but not limited to: boat & ship molding and assembly, automotive, aerospace, metal fabricating, heavy machinery, military equipment, mobile homes, tractor pulled trailers, extreme duty platform trucks & material handling carts, aircargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, coliseum & gymnasium equipment, shipping / receiving carts, warehousing & freight terminal dollies and carts, and countless other applications.



Options



Face Contact Brake (F)



T Handle Brake
1 Side =(R) 2 Sides =(W)



4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL61

Dual wheel casters offer higher weight capacities with minimal overall heights, better load distribution, floor protection and increased mobility than single wheel casters by spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between the wheels and the floor, requiring less effort for the caster to swivel. Our D2 Series casters are made out of ASTM1045 steel, drop forged 5/16" thick top plate integrates with a forged 3" diameter precisely machined raceway with a single row of hardened 1/2" ball bearings. The legs are formed from 3/8" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tempering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs.

- Dual wheel design offers higher weight capacities & load distribution than single wheel casters.
- Hot forged Kinpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded inside and out.
- 3/4" CNC machined grade 8 axle with lock nut.
- Zinc plated finish is attractive & corrosion resistant.
- Comes with Zerk grease fittings for maintenance.



Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
25	5-1/4 x 7-1/4	3-3/8 x 5-1/4 slotted to 4-1/8 x 6-1/8	1/2

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	Ultra Poly®	Ergo-Lastomer™	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D1 to R2			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Tapered Bearing 70	Sealed Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
5	2-1/2 x 2	Ductile Steel	4000	D2DS50QR2425YY				7-9/16	5-5/8
	3 x 2	Polyon™	2800	D2PU50LG2425YY					
6	2-1/2 x 2	Mold-On Rubber	1400	D2RS60QB2425YY				8-1/16	6-1/8
		Phenolic	3200	D2PH60QB2425YY					
		Polyon™	3200	D2PU60Q+2425YY			G,V		
		EnergySaver Polyon™	3400	D2SW60QU+2425YY	D2SW60QU7025YY				
		ErgoLastomer™	4400			D2HU60KI6525YY			
		Semi-Steel	3600	D2SS60QS2425YY					
		Ductile Steel	7000	D2DS60QR2425YY	D2DS60QR7025YY				
		EnergySaver Ductile™	7000	D2CD60QR2425YY	D2CD60QR7025YY				

D2 / R2 Dual Wheel Kingpinless Series - Up to 7,000 lbs.

Durable Superior Casters®



Wheel Diameter	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D2 to R2			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Tapered Bearing 70,79	Scaled Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
6	3 x 2	Mold-On Rubber	1500	D2RS60LB2425YY				8-1/16	6-1/8
		Supreme Rubber™	1700		D2RH60LS7025YY				
		Phenolic	4000	D2PH60LB2425YY					
		Polyon™	4000	D2PU60L+2425YY					
		EnergySaver Polyon™	4400	D2SW60LU2425YY	D2SW60LU7025YY				
		UltraPoly®	6000	D2EX60LG2425YY	D2EX60LG7025YY	D2EX60LG6525YY			
		Semi-Steel	5000	D2SS60LS2425YY					
		Ductile Steel	7000	D2DS60LR2425YY	D2DS60LR7025YY	D2DS60LG6525YY			
		EnergySaver Ductile™	7000	D2CD60LR2425YY	D2CD60LR7025YY				
Forged Steel	7000	D2FS60LS2725YY	D2FS60LS7925YY						
8	2-1/2 x 2	Mold-On Rubber	1700	D2RS80QB2425YY				10-1/2	7-5/8
		Phenolic	4000	D2PH80QB2425YY					
		Polyon™	4000	D2PU80Q+2425YY			G, V		
		EnergySaver Polyon™	4400	D2SW80QU2425YY	D2SW80QU7025YY				
		ErgoLastomer™	4600			D2HU80KI6525YY			
		Semi-Steel	3600	D2SS80QS2425YY					
		Ductile	7000	D2DS80QR2425YY	D2DS80QR7025YY				
		EnergySaver Ductile™	7000	D2CD80QR2425YY	D2CD80QR7025YY				
8	3 x 2	Mold-On Rubber	1800	D2RS80LB2425YY				10-1/2	7-5/8
		Supreme Rubber™	2000		D2RH80LS7025YY				
		Phenolic	5000	D2PH80LB2425YY					
		High-Temp Phenolic	3800	D2HT80LQ2425YY					
		Polyon™	5000	D2PU80L+2425YY		D2PU80LG6525YY	G, V		
		EnergySaver Polyon™	5400	D2SW80LU2425YY	D2SW80LU7025YY	D2SW80LU6525YY			
		UltraPoly®	7000	D2EX80LG2425YY	D2EX80LG7025YY	D2EX80LG6525YY			
		ErgoLastomer™	6000			D2HU80LI6525YY			
		Semi-Steel	5000	D2SS80LS2425YY					
		Ductile	7000	D2DS80LR2425YY	D2DS80LR7025YY	D2DS80LR6525YY			
		EnergySaver Ductile™	7000	D2CD80LR2425YY	D2CD80LR7025YY				
		Forged Steel	7000	D2FS80LS2725YY	D2FS80LS7925YY				
10	2-1/2 x 2	Mold-On Rubber	2000	D2RS10QB2425YY				12-1/2	9-1/8
		Phenolic	5000	D2PH10QB2425YY					
		Polyon™	4400	D2PU10Q+2425YY			G, V		
		EnergySaver Polyon™	4800	D2SW10QU2425YY	D2SW10QU7025YY				
		Semi-Steel	4000	D2SS10QS2425YY					
		Ductile	7000	D2DS10QR2425YY	D2DS10QR7025YY				
10	3 x 2	Mold-On Rubber	2200	D2RS10LB2425YY	D2RS10LB7025YY			12-1/2	9-1/4
		Supreme Rubber™	2600		D2RH10LS7025YY				
		Phenolic	5800	D2PH10LB2425YY					
		High-Temp Phenolic	4800	D2HT10LQ2425YY					
		Polyon™	6000	D2PU10L+2425YY		D2PU10LG6525YY	G, V		
		EnergySaver Polyon™	6000	D2SW10LU2425YY	D2SW10LU7025YY				
		UltraPoly®	8000	D2EX10LG2425YY	D2EX10LG7025YY	D2EX10LG6525YY			
		ErgoLastomer™	6400			D2HU10LI6525YY			
		Semi-Steel	5000	D2SS10LS2425YY					
		Ductile	7000	D2DS10LR2425YY	D2DS10LR7025YY	D2DS10LR6525YY			
		EnergySaver Ductile™	7000	D2CD10LR2425YY	D2CD10LR7025YY				
		Forged Steel	7000	D2FS10LS2725YY	D2FS10LS7925YY				
12	2-1/2 x 2	Mold-On Rubber	2400	D2RS12QB2425YY				15-1/2	11
		Phenolic	6000	D2PH12QB2425YY					
		Polyon™	5000	D2PU12Q+2425YY			G, V		
		EnergySaver Polyon™	5400	D2SW12QU2425YY					
		Semi-Steel	4000	D2SS12QS2425YY					
12	3 x 2	Mold-On Rubber	2600	D2RS12LB2425YY				15-1/2	11-1/8
		Supreme Rubber™	2800		D2RH12LS7025YY				
		Phenolic	7000	D2PH12LB2425YY					
		High-Temp Phenolic	5200	D2HT12LQ2425YY					
		Polyon™	7000	D2PU12L+2425YY		D2PU12LG6525YY	G, V		
		EnergySaver Polyon™	7000	D2SW12LU2425YY	D2SW12LU7025YY				
		UltraPoly®	7000	D2EX12LG2425YY	D2EX12LG7025YY	D2EX12LG6525YY			
		Semi-Steel	5000	D2SS12LS2425YY					
		Ductile	7000	D2DS12LR2425YY	D2DS12LR7025YY	D2DS12LR6525YY			
		EnergySaver Ductile™	7000	D2CD12LR2425YY	D2CD12LR7025YY				
		Forged Steel	7000	D2FS12LS2725YY	D2FS12LS7925YY				



D3 / R3 Dual Wheel Kingpinless Series - Up to 20,000 lbs.

Durable Superior Casters®



Applications:

Ideal for: Towlines and shock load applications, production line dollies & trucks used in various industries including but not limited to: boat & ship molding and assembly, automotive, aerospace, metal fabricating, heavy machinery, military equipment, mobile homes, tractor pulled trailers, extreme duty platform trucks & material handling carts, aircargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, coliseum & gymnasium equipment, shipping / receiving carts, warehousing & freight terminal dollies and carts, and countless other applications.



Dual wheel casters offer higher weight capacities with minimal overall heights, better load distribution, floor protection and increased mobility than single wheel casters by spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between the wheels and the floor, requiring less effort for the caster to swivel. Our D3 Series casters are made out of ASTM1045 steel, drop forged 1/2" thick top plate integrates with a forged 4-1/2" diameter precisely machined raceway with a single row of hardened 5/8" ball bearings. The legs are formed from 3/8" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tampering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs.

- Dual wheel design offers higher weight capacities & load distribution than single wheel casters.
- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded on both sides.
- 3/4" CNC machined grade 8 axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Comes with Zerk grease fittings for maintenance.
- D3 is a Standard stock series = Quick Deliveries.



Options



Face Contact Brake (F)



T Handle Brake
1 Side =(R) 2 Sides =(W)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL63

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
30	6-1/4 x 7-1/4	4-1/2 x 6 slotted to 4-1/8 x 6-1/8	1/2 or 9/16

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	UltraPoly®	ErgoLastomer™	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	Energy Saver Ductile™ (Crowned)	Forged Steel
		G	V									

CHOOSING THE RIGHT WHEEL BEARINGS FOR YOUR APPLICATION

ROLLER BEARING



Standard bearing for general duty applications; cost effective, best bearing for abusive and shock load applications. Not recommended for applications where side thrust is present or on casters used in constant circular turns. Requires periodical lubrication.

TAPERED ROLLER BEARING



Heaviest duty type of roller bearings with the added advantage of tapered design. Inner & outer raceways are precision machined and heat treated. Wheels come with 1 cup, cone, seal & thrust bushing on each side. This is the best bearing for extreme duty loads & towing applications. Maximizes the weight capacity and mobility of the wheel. Requires periodical lubrication.

SEALED PRECISION BEARINGS (63)



Ergonomic solution: Sealed precision bearings offer low rolling resistance and require the least amount of force to start and maintain a rolling load; excellent for both manual mobility & tow line applications. Maintenance Free! Two top hat spanner bushings are added to secure precise spacing & stability. Not recommended for side thrust or shock load applications.

D3 / R3 Dual Wheel Kingpinless Series - Up to 20,000 lbs.

Durable Superior Casters®



Wheel Diameter	Tread Width	Wheel Type	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D3 to R3						+Color	Overall Height	Swivel Radius
			Roller Bearings 24, 27	Weight Capacity	Tapered Bearings 70,79	Weight Capacity	Sealed Precision BB's 65	Weight Capacity			
6	3 x 2	Mold-On Rubber	D3RS60LB2430YY	1500							
		Supreme Rubber™	D3RH60LS2430YY	1700	D3RH60LS7030YY	1700					
		Phenolic	D3PH60LB2430YY	4000							
		Polyon™	D3PU60L+2430YY	4000					G,V		
		EnergySaver Polyon™	D3SW60LU2430YY	4400	D3SW60LU7030YY	4400					
		UltraPoly®	D3EX60LG2430YY	6000	D3EX60LG7030YY	6000	D3EX60LG6530YY	6000		8-27/32	5-13/16
		ErgoLastomer™					D3HU60JI6530YY	5800			
		Semi-Steel	D3SS60LS2430YY	5000							
		Ductile	D3DS60LR2430YY	12000	D3DS60LR7030YY	20000	D3DS60LR6530YY	12000			
		EnergySaver Ductile™	D3CD60LR2430YY	12000	D3CD60LR7030YY	20000	D3CD60LR6530YY	12000			
		Forged Steel	D3FS60LS2730YY	16000	D3FS60LS7930YY	20000					
8	3 x 2	Mold-On Rubber	D3RS80LB2430YY	1800							
		Supreme Rubber™	D3RH80LS2430YY	2000	D3RH80LS7030YY	2000					
		Phenolic	D3PH80LB2430YY	5000							
		High-Temp Phenolic	D3HT80LQ2430YY	3000							
		Polyon™	D3PU80L+2430YY	5000					G,V		
		EnergySaver Polyon™	D3SW80LU2430YY	5400	D3SW80LU7030YY	5400					
		UltraPoly®	D3EX80LG2430YY	7000	D3EX80LG7030YY	7000	D3EX80LG6530YY	7000		10-7/8	7-1/2
		ErgoLastomer™					D3HU60LR6530YY	6000			
		Semi-Steel	D3SS80LS2430YY	5000							
		Ductile	D3DS80LR2430YY	12000	D3DS80LR7030YY	20000	D3DS80LR6530YY	12000			
		EnergySaver Ductile™	D3CD80LR2430YY	12000	D3CD80LR7030YY	20000					
		Forged Steel	D3FS80LS2730YY	16000	D3FS80LS7930YY	20000					
10	3 x 2	Mold-On Rubber	D3RS10LB2430YY	2200							
		Supreme Rubber™	D3RH10LS2430YY	2600	D3RH10LS7030YY	2600					
		Phenolic	D3PH10LB2430YY	5800							
		High-Temp Phenolic	D3HT10LQ2430YY	4800							
		Polyon™	D3PU10L+2430YY	6000					G,V		
		EnergySaver Polyon™	D3SW10LU2430YY	6000	D3SW10LU7030YY	6000					
		UltraPoly®	D3EX10LG2430YY	8000	D3EX10LG7030YY	8000	D3EX10LG6530YY	8000		12-13/16	9
		ErgoLastomer™					D3HU10LR6530YY	6400			
		Semi-Steel	D3SS10LS2430YY	5000							
		Ductile	D3DS10LR2430YY	12000	D3DS10LR7030YY	20000	D3DS10LR6530YY	12000			
		EnergySaver Ductile™	D3CD10LR2430YY	12000	D3CD10LR7030YY	20000					
		Forged Steel	D3FS10LS2730YY	16000	D3FS10LS7930YY	20000					
12	3 x 2	Mold-On Rubber	D3RS12LB2430YY	2600							
		Supreme Rubber™	D3RH12LS2430YY	2800	D3RH12LS7030YY	2800					
		Phenolic	D3PH12LB2430YY	7000							
		Polyon™	D3PU12L+2430YY	7000					G,V		
		High-Temp Phenolic	D3HT12LQ2430YY	5200							
		EnergySaver Polyon™	D3SW12LU2430YY	7000	D3SW12LU7030YY	7000					
		UltraPoly®	D3EX12LG2430YY	10000	D3EX12LG7030YY	10000	D3EX12LG6530YY	10000		15-1/2	11
		Semi-Steel	D3SS12LS2430YY	5000							
		Ductile	D3DS12LR2430YY	12000	D3DS12LR7030YY	20000	D3DS12LR6530YY	16000			
		EnergySaver Ductile™	D3CD12LR2430YY	12000	D3CD12LR7030YY	20000					
		Forged Steel	D3FS12LS2730YY	16000	D3FS12LS7930YY	20000					



D4 / R4 Dual Wheel Kingpinless Series - Up to 40,000 lbs.

Durable Superior Casters®



Applications:

Ideal for: Towlines and shock load applications, production line dollies & trucks used in various industries including but not limited to: boat & ship molding and assembly, automotive, aerospace, metal fabricating, heavy machinery, military equipment, mobile homes, tractor pulled trailers, extreme duty platform trucks & material handling carts, aircargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, coliseum & gymnasium equipment, shipping / receiving carts, warehousing & freight terminal dollies and carts, and countless other applications.



Dual wheel casters offer higher weight capacities with minimal overall heights, better load distribution, floor protection and increased mobility than single wheel casters by spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between the wheels and the floor, requiring less effort for the caster to swivel. Our D4 Series casters are made out of ASTM1045 steel, drop forged 5/8" thick top plate integrates with a forged 7" diameter precisely machined raceway with a single row of hardened 3/4" ball bearings. The legs are formed from 1/2" steel, double welded to the outer raceway for maximum strength. Our unique offset raceway design, heat treatment and tempering processes allows our casters to carry the maximum weight of the bearings used, without horizontal wear, kingpin failure or fracturing of welds; these advantages enable our kingpinless casters to handle side thrust force better than our competitors designs.

- Dual wheel design offers higher weight capacities & load distribution than single wheel casters.
- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 1/2" thick legs are robotically welded on both sides.
- 1-1/4" CNC machined grade 8 axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Comes with Zerk grease fittings for maintenance.



Options



Face Contact Brake (F)



T Handle Brake
1 Side =(R) 2 Sides =(W)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL65

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
45	8-1/2 x 8-1/2	7 x 7	5/8

Mold-on Rubber	Supreme Rubber™	UltraPoly®	Phenolic	Ductile	Forged Steel

Wheel Diameter	Tread Width	Wheel Type	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D4 to R4						Overall Height	Swivel Radius
			Roller Bearings 33	Weight Capacity	Tapered Bearings 74	Weight Capacity	Sealed Precision BB's 68	Weight Capacity		
8	4 x 2	UltraPoly®	D4EX80NG3345YY	8000	D4EX80NG7445YY	8000	D4EX80NG6845YY	8000	11	7-1/2
		Ductile	D4DS80NR3345YY	22000	D4DS80NR7445YY	34000	D4DS80NR6845YY	20000		
		Forged Steel	D4FS80NS3345YY	22000	D4FS80NS7445YY	36000				
10	4 x 2	Mold-On Rubber	D4RS10NB3345YY	2800					13	9
		UltraPoly®	D4EX10NG3345YY	11000	D4EX10NG7445YY	11000	D4EX10NG6845YY	11000		
		Ductile	D4DS10NR3345YY	22000	D4DS10NR7445YY	34000	D4DS10NR6845YY	20000		
		Forged Steel	D4FS10NS3345YY	22000	D4FS10NS7445YY	40000				
12	4 x 2	Supreme Rubber	D4RH12NS3345YY	3000	D4RH12NS7445YY	3000			15-1/2	10-3/4
		Phenolic	D4PH12NB3345YY	13000						
		Mold-On Rubber	D4RS12NB3345YY	3000						
		UltraPoly®	D4EX12NG3345YY	13000	D4EX12NG7445YY	13000	D4EX12NG6845YY	13000		
		Ductile	D4DS12NR3345YY	22000	D4DS12NR7445YY	34000	D4DS12NR6845YY	20000		
		Forged Steel	D4FS12NS3345YY	22000	D4FS12NS7445YY	40000	D4FS12NS6845YY	22000		

67 / 68 Pneumatic, Ever-Roll™ & Eco-Rubber™ Casters

Durable Superior Casters®



67 Series casters are made from cold rolled steel and feature double ball swivel raceways. 4 different shock absorbing wheels types provide the maximum cushion ride available; each wheel has unique characteristics and advantages to consider. A matching rigid caster (68 Series) and a total-locking (DT Series) are also available.

- **Pneumatic:** Air filled inner-tube and tire mounted on a heavy-duty metal rim; offer the best cushion ride and traction available, but are vulnerable to going flat. Available in black and non-marking gray.
- **Foam Filled Pneumatic:** Kenda brand foam filled pneumatic tire cannot go flat.
- **Ever-Roll™:** Solid micro-cellular polyurethane foam tire mounted on a heavy-duty metal rim; offers the same advantages as a pneumatic tire without worrying about air leaks! Black tread is non-marking. Not recommended for wet applications / environments. May develop a flat spot if parked with a load.
- **Eco-Rubber™:** Environmentally friendly recycled solid rubber wheel mounted on a plastic core, offers a cushioned ride and holds more weight than the other wheel options; it can however mark floors. Will not generate flat spot if parked with a load.

Applications include: various carts, platform trucks and equipment used in industrial, commercial, institutional and outdoor environments where a cushioned ride and the ability to roll over uneven floors and debris is a must. Offers good floor protection and quite rolling operation. Not meant for highway use.



Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
17	4 x 4-1/2	2-5/8 x 3-5/8 slotted to 3 x 3	3/8
19	4-1/2 x 6-1/4	2-7/16 x 4-15/16 slotted to 3-3/8 x 5-1/4	3/8



Raceway Seals (L)

Options



Top Lock Brake (T)
(8" & 10" Swivels only)



Cam-Lock Brake (C)
(8", 10" & 12" Swivels)
(8" & 10" Rigid)



4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL27



DT Series Total-lock
Available in 6" Pneumatic &
8" Eco-Rubber (page 53)

Wheel Diameter	Tread Width	Wheel Type	Swivel Caster Part #'s		Rigid Caster Part #'s		Tire Color & Rim Finishing	Weight Cap	Overall Height	Swivel Radius
			Replace ** w/ fastening code, ## w/ bearing Code		Replace ** w/ fastening code, ## w/ bearing Code					
			Roller Bearings 38, 40	Ball Bearings 53, P3, (60 -6" only)	Roller Bearings 38, 40	Ball Bearings 53, P3, (60 -6" only)	See wheel section for more info.			
6	2	Pneumatic 4-PLY		67FP60JB60**YY			Black on Zinc	150	7-1/2	4-9/16
8	2-1/2	Eco-Rubber™		67SN80UC##17YY		68SN80UC##17YY	Black on Gray	450	9-3/4	6-1/2
	2-3/4	Ever-Roll™	67ER80BC38**YY	67ER80BC##**YY	68ER80BC3817YY	68ER80BC##**YY	Black on Zinc			
	2-1/4	Pneumatic 4-PLY		67FP5B2C##**YY		67FP5B2C##**YY	Black on Zinc			
	3	Pneumatic 4-PLY	67FP8A4C38**YY	67FP8A4C##**YY	68FP8A4C38**YY	68FP8A4C##**YY	Black on Zinc			
		Pneumatic 4-PLY	67FP8A4Y38**YY	67FP8A4Y##**YY	68FP8A4Y38**YY	68FP8A4Y##**YY	Gray on Zinc			
		Foam Fill Pneumatic	67FF8H4C38**YY	67FF8H4C##**YY	68FF8H4C38**YY	68FF8H4C##**YY	Black on Zinc			
10	2-3/4	Eco-Rubber™		67SN10UC##**YY		68SN10UC##**YY	Black on Gray	550	12-3/16	7-1/4
	3	Ever-Roll™	67ER10BC40**YY	67ER10BC##**YY	68ER10BC40**YY	68ER10BC##**YY	Black on Zinc	280		
	3-1/2	Pneumatic 4-PLY	67FP0D4C40**YY	67FP0D4C##**YY	68FP0D4C40**YY	68FP0D4C##**YY	Black on Zinc			
		Pneumatic 4-PLY	67FP0D4Y40**YY	67FP0D4Y##**YY	68FP0D4Y40**YY	68FP0D4Y##**YY	Gray on Zinc			
		Foam Fill Pneumatic	67FF014C40**YY	67FF014C##**YY	68FF014C40**YY	68FF014C##**YY	Black on Zinc			
		Pneumatic 6-PLY	67FP0E6C40**YY	67FP0E6C##**YY	68FP0E6C40**YY	68FP0E6C##**YY	Black on Zinc	400		
12	3	Eco-Rubber™		67SN12UC##**YY		68SN12UC##**YY	Black on Gray	850	15-3/4	7-3/4
	3-1/2	Pneumatic 4-PLY		67FP2D4T##**YY		68FP2D4T##**YY	Black on Zinc	460		
	Pneumatic 6-PLY	67FP2E6T40**YY	67FP2E6T##**YY	68FP2E6T40**YY	68FP2E6T##**YY	Black on Zinc	500			