



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)

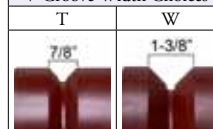


4-Position Lock (P)



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

V-Groove Width Choices



V-Groove Ductile V-Groove



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	2,000	61DS50QR2425YY				7-1/2	5-3/4
		Polyon™	1,400	61PU50LG2425YY					
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			

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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				
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				G,V		
		Polyon™	2200	61PU10Q+2425YY						
		EnergySaver Polyon™	2400	61SW10QU2425YY		61SW10QU7025YY				
		Semi-Steel	2000	61SS10QS2425YY						
		Ductile	4500	61DS10QR2425YY		61DS10QR7025YY				
10	3	Yoke Only		61ZZ10LZ8825YY					12-1/2	8-1/32
		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		61HU10LI6525YY					
		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				G,V		
		Polyon™	2500	61PU12Q+2425YY						
		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			