



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.

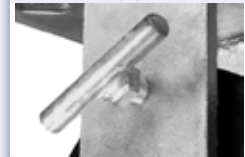
- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded on both sides.
- 1" Grade 5 axle bolt for 3" wide wheels & 1-1/4" Grade 8 axle bolt for 4" wide wheels.
- Zinc plated finish is attractive & corrosion resistant.
-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



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.

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

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

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								
											

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.

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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							