

RODAJA CARGA MEDIA PESADA ALTO IMPACTO - 2,000



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 1/2" 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.

Popular uses include: various carts, platform trucks, dollies and racks used in both row 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)

Ring Type

4-Position Lock Bolt on. Part# 4PSL27

Foot Lever

4-Position Lock Bolt on. Part# 4PFL27

Thread Guards (G)

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.



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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.									
4	2	Yoke Only	400	45Z240JZ8317YY					
		Nomadic™	400	45NM40JB0417YY					
		Rubber on Nylon	400	45NR40JB0417YY	45NR40JB0917YY				
		Rubber on Aluminum	400	45RA40JB0417YY					
		Low Profile Rubber	300	45LP40JB0417YY					
		Mold-On Rubber	400	45RS40JB0417YY					
		Thermo-Pro™	300						
		Polyolefin	300	45TP40J+0417YY	45TP40J+0917YY		45TP40J14817YY	45TP40J+17YY	I,T,X,Y
		Nylon	500	45PC40JB0417YY	45PC40JB0917YY		45PC40JB0017YY	45PC40JB+17YY	
		RokHard™	800	45N440JB0417YY	45N440JB0917YY		45N440JB0017YY	45N440JB+17YY	
		BrimStone™	800	45CN40JB0417YY	45CN40JB0917YY		45CN40JB0017YY	45CN40JB+17YY	
		MaxRok™	800	45MA40JB0417YY	45MA40JB0917YY		45MA40JB0017YY	45MA40JB+17YY	
		Phenolic	800	45PH40JB0417YY	45PH40JB0917YY		45PH40JB0017YY	45PH40JB+17YY	
		High-Temp Phenolic	600	45HT40JB0417YY	45HT40JB0917YY		45HT40JB0017YY	45HT40JB+17YY	
		Polyon MaxRok™	700	45MU40J+0417YY	45MU40J+0917YY		45MU40J+6317YY	45MU40J+17YY	G,K
		Polyon AL™	800	45PA40J+0417YY	45PA40J+0917YY		45PA40J+6017YY	45PA40J+17YY	N,R
		Poly-Pro™	600	45PP40J+0417YY	45PP40J+0917YY		45PP40J+6017YY	45PP40J+17YY	I,D,K,U,W
		Poly-Matic™	500	45PM40JM0417YY	45PM40JM0917YY		45PM40JM6317YY	45PM40JM+17YY	
		Polyon™	800	45PM40J0417YY	45PM40J0917YY	45PU40JV7317YY	45PU40JV6317YY	45PM40J+17YY	
		Polyon™	800	45PU40J+0417YY	45PU40J+0917YY	45PW40JU7317YY	45PW40JU6317YY	45PU40J+17YY	G,V
EnergySaver Polyon™	800	45SW40JU0417YY	45SW40JU0917YY						
PolyFlexon™ Cast	700	45RP40J0417YY	45RP40J0917YY		45RP40J6317YY	45RP40J+17YY			
DuraLaster™	750		45SU40JL0917YY		45SU40JL6317YY	45SU40JL+17YY			
ErgoLaster™	1000	45HU40J0417YY	45HU40J0917YY	45HU40J17317YY	45HU40J16317YY	45HU40J+17YY			
Semi-Steel	700	45SS40JS0417YY				45SS40JS+17YY			
Heavy Duty Iron	900	45DS40JR0417YY		45DS40JR7317YY		45DS40JR+17YY			
Ductile	1500	45DS40JR0417YY		45DS40JR7317YY		45DS40JR6317YY			
EnergySaver Ductile™	1500	45CD50JR0417YY							
MaxRok™ V-Groove	800	45MV40JT0417YY				45MV40JT+17YY			
Iron V-Groove	600	45VG40JT0417YY							
Ductile V-Groove	1500	45DV40JT0417YY							
5	2	Yoke Only	500	45Z250JZ8317YY					
		Nomadic™	500	45NM50JB0417YY					
		Rubber on Nylon	450	45NR50JB0417YY	45NR50JB0917YY				
		Rubber on Aluminum	500	45RA50JB0417YY					
		Mold-On Rubber	400	45RS50JB0417YY					
		Thermo-Pro™	350						
		Polyolefin	650	45TP50J+0417YY	45TP50J+0917YY		45TP50J16317YY	45TP50J+17YY	I,T,X,Y
		Nylon	900	45PC50JB0417YY	45PC50JB0917YY		45PC50JB0017YY	45PC50JB+17YY	
		RokHard™	1000	45N540JB0417YY	45N540JB0917YY		45N540JB0017YY	45N540JB+17YY	
		BrimStone™	1000	45CN50JB0417YY	45CN50JB0917YY		45CN50JB0017YY	45CN50JB+17YY	
		MaxRok™	1000	45MA50JB0417YY	45MA50JB0917YY		45MA50JB0017YY	45MA50JB+17YY	
		Phenolic	1000	45PH50JB0417YY	45PH50JB0917YY		45PH50JB0017YY	45PH50JB+17YY	
		High-Temp Phenolic	750	45HT50JB0417YY	45HT50JB0917YY		45HT50JB0017YY	45HT50JB+17YY	
		Polyon MaxRok™	1000	45MU50J+0417YY	45MU50J+0917YY		45MU50J+6317YY	45MU50J+17YY	G,K
		Polyon AL™	900	45PA50J+0417YY	45PA50J+0917YY		45PA50J+6017YY	45PA50J+17YY	N,R
		Poly-Pro™	600	45PP50J+0417YY	45PP50J+0917YY		45PP50J+6017YY	45PP50J+17YY	I,D,K,U,W
		Poly-Matic™	750	45PM50JM0417YY	45PM50JM0917YY		45PM50JM6317YY	45PM50JM+17YY	
		Polyon™	1100	45PM50J0417YY	45PM50J0917YY	45PU50JV7317YY	45PU50JV6317YY	45PM50J+17YY	
		Polyon™	1100	45PU50J+0417YY	45PU50J+0917YY	45PW50JU7317YY	45PW50JU6317YY	45PU50J+17YY	G,V
		EnergySaver Polyon™	1300	45SW50JU0417YY	45SW50JU0917YY				
PolyFlexon™ Cast	800	45RP50J0417YY	45RP50J0917YY		45RP50J6317YY	45RP50J+17YY			
DuraLaster™	900		45SU50JL0917YY		45SU50JL6317YY	45SU50JL+17YY			
ErgoLaster™	1400	45HU50J0417YY	45HU50J0917YY	45HU50J17317YY	45HU50J16317YY	45HU50J+17YY			
Semi-Steel	1000	45SS50JS0417YY				45SS50JS+17YY			
Heavy Duty Iron	1200	45DS50JR0417YY		45DS50JR7317YY		45DS50JR+17YY			
Ductile	2000	45DS50JR0417YY		45DS50JR7317YY		45DS50JR6317YY			
EnergySaver Ductile™	2000	45CD50JR0417YY							
MaxRok™ V-Groove	800	45MV50JT0417YY							
Iron V-Groove	600	45VG50JT0417YY							
Ductile V-Groove	1500	45DV50JT0417YY							



Additional wheel pictures & options shown on the next page.

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				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					
		Rubber on Nylon	600	45NR60JB0417YY	45NR60JB0917YY				
		Dura Cushion™	350	45BC60J+0417YY			45BC60J+6317YY	45BC60J+17YY	X,Z
		Rubber on Aluminum	550	45RA60JB0417YY			45RA60JB06017YY	45RA60JB+17YY	
		Mold-On Rubber	600	45RS60JB0417YY					
		Supreme Rubber™	700			45RH60JS7317YY			
		Thermo-Pro™	500	45TP60J+0417YY	45TP60J+0917YY		45TP60J+6017YY	45TP60J+17YY	I,T,X,Y
		Polyolefin	700	45PC60JB0417YY	45PC60JB0917YY		45PC60JB0017YY	45PC60JB+17YY	
		Nylon	1000	45N640JB0417YY	45N640JB0917YY		45N640JB0017YY	45N640JB+17YY	
		RokHard™	1200	45CN60JB0417YY	45CN60JB0917YY		45CN60JB0017YY	45CN60JB+17YY	
		BrimStone™	1100	45MA60JB0417YY	45MA60JB0917YY		45MA60JB0017YY	45MA60JB+17YY	
		MaxRok™	1400	45PH60JB0417YY	45PH60JB0917YY		45PH60JB0017YY	45PH60JB+17YY	
		Phenolic	1400	45PH60JB0417YY	45PH60JB0917YY		45PH60JB0017YY	45PH60JB+17YY	
		High-Temp Phenolic	1100	45HT60JB0417YY	45HT60JB0917YY		45HT60JB0017YY	45HT60JB+17YY	
		Polyon MaxRok™	1400	45MU60J+0417YY	45MU60J+0917YY		45MU60J+6317YY	45MU60J+17YY	G,K
		Polyon AL™	1200	45PA60J+0417YY	45PA60J+0917YY		45PA60J+6017YY	45PA60J+17YY	N,R
		Poly-Pro™	720	45PP60J+0417YY	45PP60J+0917YY		45PP60J+6017YY	45PP60J+17YY	I,D,K,U,W
		Poly-Matic™	900	45PM60JM0417YY	45PM60JM0917YY		45PM60JM6317YY	45PM60JM+17YY	H,M
		Polyon™	1200	45PM60J0417YY	45PM60J0917YY	45PU60JV7317YY	45PU60JV6317YY	45PM60J+17YY	
		Polyon™	1200	45PU60J+0417YY	45PU60J+0917YY	45PW60JU7317YY	45PW60JU6317YY	45PU60J+17YY	G,V
EnergySaver Polyon™	1400	45SW60JU0417YY	45SW60JU0917YY						
PolyFlexon™ Cast	900	45RP60J0417YY	45RP60J0917YY		45RP60J6317YY	45RP60J+17YY			
DuraLaster™	1000		45SU60JL0917YY		45SU60JL6317YY	45SU60JL+17YY			
ErgoLaster™	1700	45HU60J0417YY	45HU60J0917YY	45HU60J17317YY	45HU60J16317YY	45HU60J+17YY			
Semi-Steel	1200	45SS60JS0417YY				45SS60JS+17YY			
Heavy Duty Iron	1600	45DS60JR0417YY		45DS60JR7317YY		45DS60JR+17YY			
Ductile	2000	45DS60JR0417YY		45DS60JR7317YY		45DS60JR6317YY			
EnergySaver Ductile™	2000	45CD60JR0417YY							
Forged Steel	2000	45FS60JS0417YY		45FS60JS7317YY					
Iron V-Groove	1000	45VG60JT0417YY							
Ductile V-Groove	1500	45DV60JT0417YY							
8	2	Nomadic™	700	45NM80JB0417YY					
		Rubber on Nylon	600	45NR80JB0417YY	45NR80JB0917YY				
		Dura Cushion™	450	45BC80J+6063YY			45BC80J+6063YY	45BC80J+17YY	X,Z
		Rubber on Aluminum	600	45RA80JB0417YY			45RA80JB06017YY	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	700	45PC80JB0417YY	45PC80JB0917YY		45PC80JB0017YY	45PC80JB+17YY	
		Nylon	1100	45N840JB0417YY	45N840JB0917YY		45N840JB0017YY	45N840JB+17YY	
		RokHard™	1400	45CN80JB0417YY	45CN80JB0917YY		45CN80JB0017YY	45CN80JB+17YY	
		BrimStone™	1200	45MA80JB0417YY</					