

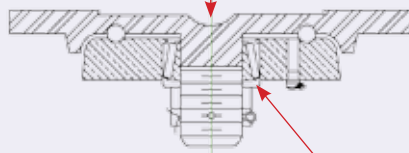


49 / 50 MOMENTUM™ - Precision Tapered Raceway Series

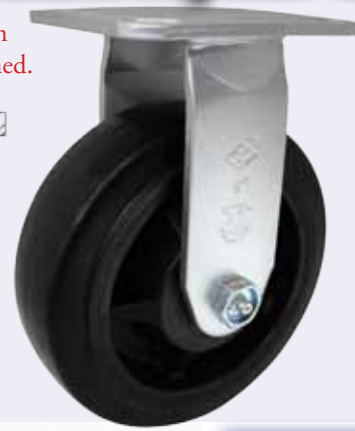
Durable Superior Casters®



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)



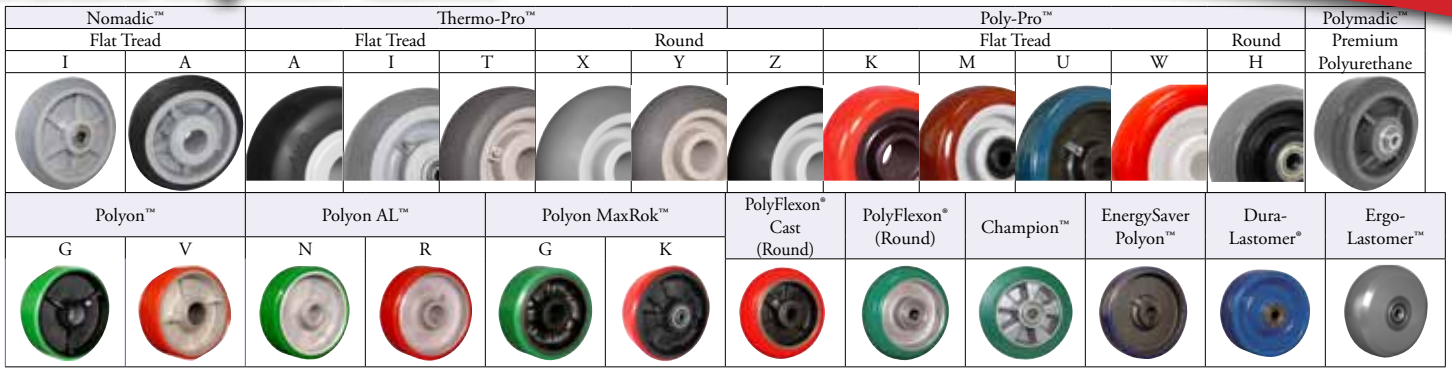
4-Position Lock Bolt-on. Order Separately Part# 4PSL49



Thread Guards (G)

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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™	49NM40JB0417YY				49NM40JB4817YY			
		Rubber on Nylon	49NR40JB0417YY	49NR40JB0917YY			49NR40JB4817YY	49NR40JB##17YY		
		Rubber on Aluminum	49RA40JB0417YY					49RA40JB##17YY		
		Low Profile Rubber	49LP40JB0417YY							
		Mold-On Rubber	49RS40JB0417YY							
		Thermo-Pro™	300							
		Thermo-Pro™	300	49TP40J+0417YY	49TP40J+0917YY			49TP40J4817YY	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							
		Thermo-Pro™	350	49TP50J+0417YY	49TP50J+0917YY			49TP50J6317YY	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								



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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	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	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			49HT60JQ6017YY	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	49HU60JI7317YY		49HU60JI6317YY	49HU60JI##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			49HT80JQ6017YY	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	49HU80JI7317YY		49HU80JI6317YY	49HU80JI##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								