

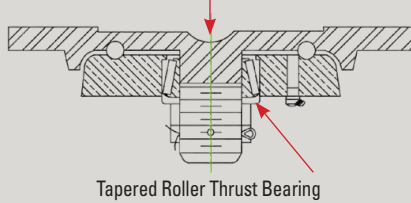
49/50 – MOMENTUM™ – PRECISION TAPERED RACEWAY SERIES – 2,000 LB



- Constructed from ASTM1045
- 3/4" integrally forged kingpin
- 2-9/16" bearing raceway is precisely machined and hardened. 3/8" hardened ball bearings
- Lower raceway thrust bearing is a tapered roller bearing, providing

- exceptionally smooth and easy swiveling action and counteracts radial thrust
- 1/4" thick legs are double welded
- Zinc-plated finish
- Grease fitting on raceway and axle
- 1/2" axle

Integrally forged 1 pc plate, and kingpin raceway is precisely machined and hardened.



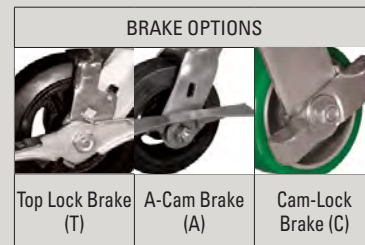
FASTENING PATTERN

Plate Code	Overall Size	Bolt Hole Patter	Mounting Bolt Size
17	4 X 4-1/2	2-5/8 X 3-5/8 TO 3 X 3	3/8

WHEEL DIAMETER, OVERALL HEIGHTS, OFFSETS AND SWIVEL RADIUS

Wheel Diameter	Designation Code	Overall Heights	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

BRAKE OPTIONS



Top Lock Brake (T) A-Cam Brake (A) Cam-Lock Brake (C)

OTHER OPTIONS



4-Position Lock Bolt-on. Order separately part # 4PSL49 Thread Guards (G) Toe Guard 4Y

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Wheel Diameter	Thread Width	Wheel Type	Available Bearing Options	+ Color	Replace + with a desired wheel color. Replace ## with desired wheel bearing.		Load Capacity	
					49 Series Swivel Caster Part #	50 Series Rigid Caster Part #		
4	2	YOKE ONLY				49ZZ40JZ8317YY	50ZZ40JZ8317YY	
		NEO-ENERGIZER™	04, 09, 60			49EN40JB##17YY	50EN40JB##17YY	500
		NOMADIC™	04, 09, 60, 48, 57	I, B		49NM40J+##17YY	50NM40J+##17YY	400
		RUBBER ON NYLON	04, 09, 60, 48, 57			49NR40JB##17YY	50NR40JB##17YY	400
		RUBBER ON ALUMINUM	04, 09, 60, 48, 57			49RA40JB##17YY	50RA40JB##17YY	400
		LOW PROFILE RUBBER				49LP40JB0417YY	50LP40JB0417YY	300
		MOLD-ON RUBBER	04, 09, 60, 48, 57			49RS40JB##17YY	50RS40JB##17YY	400
		THERMO-PRO™	04, 09, 60, 63, 48, 57	A, T, Y		49TP40J+##17YY	50TP40J+##17YY	300
		POLYOLEFIN	04, 09, 60, 63, 48, 57	B, E		49PO40J+##17YY	50PO40J+##17YY	500
		NYLON	04, 09, 60, 63, 48, 57			49NY40JE##17YY	50NY40JE##17YY	800
		IRONMAN	04, 09, 65, 73			49NX40JB##17YY	50NX40JB##17YY	2200
		ROKHARD™	04, 09, 60, 63, 48, 57			49HI40JB##17YY	50HI40JB##17YY	800
		BRIMSTONE®	04, 09, 90			49GN40JQ##17YY	50GN40JQ##17YY	800
		EPOXY	04, 09, 90			49OV40JQ##17YY	50OV40JQ##17YY	800
		MAXROK™	04, 09, 60, 63, 48, 57			49MA40JB##17YY	50MA40JB##17YY	800
		PHENOLIC	04, 09, 60, 63, 48, 57			49PH40JB##17YY	50PH40JB##17YY	800
		PHENOLIC(STRAIGHT SIDED)	04, 09, 60, 57, 12			49PH40TB##17YY	50PH40TB##17YY	1000
		HIGH-TEMP PHENOLIC	04, 09, 90			49HT40JQ##17YY	50HT40JQ##17YY	600
		POLYON MAXROK™	04, 09, 60, 63, 48, 57	G, K		49MU40J+##17YY	50MU40J+##17YY	700
		POLY AL™	04, 09, 60, 63, 48, 57	N, R		49PA40J+##17YY	50PA40J+##17YY	800
		DW-BLACK				49DW40JLT317YY	50DW40JLT317YY	470
		DW-RED				49DW40JRT317YY	50DW40JRT317YY	650



DURABLE SUPERIOR CASTERS®

49/50 – MOMENTUM™ – PRECISION TAPERED RACEWAY SERIES – 2,000 LB

Wheel Diameter	Thread Width	Wheel Type	Available Bearing Options	+ Color	Replace + with a desired wheel color. Replace # with desired wheel bearing.		Load Capacity	
					49 Series Swivel Caster Part #	50 Series Rigid Caster Part #		
4	2	DW-BLUE				49DW40JB#17YY	50DW40JB#17YY	960
		DW-GRAY				49DW40JG#17YY	50DW40JG#17YY	1000
		POLY-PRO™	04, 09, 60, 63, 48, 57	D, K, M, U, W		49PP40J+##17YY	50PP40J+##17YY	500
						49PP40JP#17YY	50PP40JP#17YY	600
		POLYMAC™	04, 09, 60, 63, 48, 57	I, M		49PM40J+##17YY	50PM40J+##17YY	600
		POLYON™	04, 09, 60	G, V		49PU40J+##17YY	50PU40J+##17YY	800
						49PU40JV#17YY	50PU40JV#17YY	800
		ENERGY SAVER POLYON™	04, 09, 60, 73			49SW40JU##17YY	50SW40JU##17YY	800
		POLYFLEXON™ CAST	04, 09, 60, 63, 48, 57			49RP40JK##17YY	50RP40JK##17YY	700
		POLYFLEXON™		N, O		49UA40J+6417YY	50UA40J+6417YY	900
		D-POLYON				49UD40JL#17YY	50UD40JL#17YY	900
		ULTRAFLEX™				49UX40JO#17YY	50UX40JO#17YY	900
		DURALASTOMER™	09, 60, 57			49SU40JL##17YY	50SU40JL##17YY	750
		SUPER ELASTOMER				49EE40JI#17YY	50EE40JI#17YY	1200
		ERGOLASTOMER™	04, 09, 73, 64, 57			49HU40JI##17YY	50HU40JI##17YY	1000
		SEMI-STEEL	04, 09			49SS40JS##17YY	50SS40JS##17YY	700
		HEAVY DUTY IRON	04, 09, 63			49HS40JS##17YY	50HS40JS##17YY	900
		DUCTILE	04, 09, 63, 73			49DS40JR##17YY	50DS40JR##17YY	1500
		SOLID STEEL	09, B1, B5			49MS40JS##17YY	50MS40JS##17YY	2500
		ENERGY SAVER DUCTILE™	04, 09, B1, B5			49CD40JR##17YY	50CD40JR##17YY	1500
		MAXROK™ V-GROOVE	04, 09, 60, 57			49MV40JT##17YY	50MV40JT##17YY	800
		IRON V-GROOVE	04, 09			49VG40JT##17YY	50VG40JT##17YY	600
		DUCTILE V-GROOVE	04, 09, B1, B5			49DV40JT##17YY	50DV40JT##17YY	1500
		5	2	YOKE ONLY				49Z250JZ#17YY
NEO-ENERGIZER™	04, 09, 60					49EN50JB##17YY	50EN50JB##17YY	550
NOMADIC™	04, 09, 48, 60, 57			B, I		49NM50J+##17YY	50NM50J+##17YY	500
RUBBER ON NYLON	04, 09, 48, 60, 57					49NR50JB##17YY	50NR50JB##17YY	450
RUBBER ON ALUMINUM	04, 09, 48, 60, 57					49RA50JB##17YY	50RA50JB##17YY	500
MOLD-ON RUBBER	04, 09, 60, 48, 57					49RS50JB##17YY	50RS50JB##17YY	400
CUSHENDURE™						49GR50JB#17YY	50GR50JB#17YY	400
THERMO-PRO™	04, 09, 60, 48, 63, 57			A, I, T, X, Y, Z		49TP50J+##17YY	50TP50J+##17YY	350
POLYOLEFIN				B, E		49PO50J+##17YY	50PO50J+##17YY	650
NYLON	04, 09, 60, 48, 53, P3, 57					49NY50JE##17YY	50NY50JE##17YY	900
IRONMAN	65, 73					49NX50JB##17YY	50NX50JB##17YY	2200
ROKHARD™	04, 09, 48, 60, 57					49HI50JB##17YY	50HI50JB##17YY	900
BRIMSTONE®	04, 09, 60, 90					49GN50JQ##17YY	50GN50JQ##17YY	1000
EPOXY	04, 09, 90					49OV50JQ##17YY	50OV50JQ##17YY	1000
MAXROK™	04, 09, 60, 48, 57					49MA50JB##17YY	50MA50JB##17YY	1000
PHENOLIC	04, 09, 60, 48, 57, 90					49PH50JB##17YY	50PH50JB##17YY	1000
H-TEMP PHENOLIC	04, 09, 90					49HT50JQ##17YY	50HT50JQ##17YY	750
STEROLLIZER™						49SL50JC#17YY	50SL50JC#17YY	450
POLYON MAXROK™	04, 09, 48, 60, 57			G, K		49MU50J+##17YY	50MU50J+##17YY	1000
POLYON AL™	04, 09, 48, 60, 57			N, R		49PA50J+##17YY	50PA50J+##17YY	900
POLYON - C	04, 09, 48, 60, 57, 12					49PR50JL##17YY	50PR50JL##17YY	900
DW-BLACK						49DW50JLT#17YY	50DW50JLT#17YY	550
DW-RED						49DW50JRT#17YY	50DW50JRT#17YY	750
DW-BLUE						49DW50JBT#17YY	50DW50JBT#17YY	1160
DW-GRAY						49DW50JGT#17YY	50DW50JGT#17YY	1200
POLY-PRO™	04, 09, 48, 60, 63, 57			B, C, D, K, U, M, W		49PP50J+##17YY	50PP50J+##17YY	600
						49PP50JP#17YY	50PP50JP#17YY	700
						49PP50JH#17YY	50PP50JH#17YY	
POLYMAC™	04, 09, 48, 60, 63, 57			I, M		49PM50J+##17YY	50PM50J+##17YY	750
POLYON™						49PU50JV#17YY	50PU50JV#17YY	1100
	04, 09, 60, 48			G, V		49PU50J+##17YY	50PU50J+##17YY	1100
ENERGY SAVER POLYON™	04, 09, 60, 48					49SW50JU##17YY	50SW50JU##17YY	1300
POLYFLEXON™ CAST	04, 09, 60, 48					49RP50JK##17YY	50RP50JK##17YY	800
POLYFLEXON™				N, O		49UA50J+6417YY	50UA50J+6417YY	900
D-POLYON						49UD50JL#17YY	50UD50JL#17YY	900
ULTRAFLEX™						49UX50JO#17YY	50UX50JO#17YY	900
DURALASTOMER™	09, 60, 57					49SU50JL##17YY	50SU50JL##17YY	900
SUPER ELASTOMER						49EE60JI#17YY	50EE60JI#17YY	1200
ERGOLASTOMER™	04, 09, 73, 64, 57					49HU50JI##17YY	50HU50JI##17YY	1400
SEMI-STEEL	04, 09					49SS50JS##17YY	50SS50JS##17YY	1000
HEAVY DUTY IRON	04, 09, 63					49HS50JS##17YY	50HS50JS##17YY	1200
DUCTILE	04, 09, 73, 63, B1, B5					49DS50JR##17YY	50DS50JR##17YY	1500
FORGED STEEL	04, 09, B5, B1			49FS50JS##17YY	50FS50JS##17YY	2500		
ENERGY SAVER DUCTILE™	04, 09, B1, B5			49CD50JR##17YY	50CD50JR##17YY	1500		
IRON V-GROOVE	04, 09			49VG50JT##17YY	50VG50JT##17YY	900		

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Wheel Diameter	Thread Width	Wheel Type	Available Bearing Options	+ Color	Replace + with a desired wheel color. Replace ## with desired wheel bearing.		Load Capacity	
					49 Series Swivel Caster Part #	50 Series Rigid Caster Part #		
6	2	YOKE ONLY				49Z260JZ8317YY	50Z260JZ8317YY	
		NEO-ENERGIZER™	04, 09, 60		49E60JB##17YY	50E60JB##17YY	600	
		PNEUMATIC			49F60JB6017YY	50F60JB6017YY	200	
		FOAM FILLED			49FF60JB6017YY	50FF60JB6017YY	200	
		EVER-ROLL™		B, I	49ER60J+6017YY	50ER60J+6017YY	200	
		NOMADIC™	04, 09, 48, 60, 57		49NM60JB##17YY	50NM60JB##17YY	600	
		RUBBER ON NYLON	04, 09, 48, 60, 57		49NR60JB##17YY	50NR60JB##17YY	550	
		DURA-CUSHION™	04, 09, 63	X, Z	49BC60J+##17YY	50BC60J+##17YY	350	
		ECO-RUBBER	53, P3		49SN60JC##17YY	50SN60JC##17YY	350	
		RUBBER ON ALUMINUM	04, 09, 48, 60, 57		49RA60JB##17YY	50RA60JB##17YY	550	
		LOW PROFILE RUBBER			49LP60JB0417YY	50LP60JB0417YY	600	
		MOLD-ON RUBBER	04, 09, 48, 60, 57		49RS60JB##19Y	50RS60JB##19Y	550	
		SUPREME RUBBER	63, 73		49RH60JS##17YY	50RH60JS##17YY	700	
		THERMO-PRO™	04, 09, 60, 63, 48, 57	A, I, T, X, Y, Z	49TP60J+##17YY	50TP60J+##17YY	500	
		POLYOLEFIN	04, 09, 60, 53, P3, 48, 57	B, E	49P060J+##17YY	50P060J+##17YY	700	
		NYLON	04, 09, 48, 60, 57		49NY60JE##17YY	50NY60JE##17YY	1000	
		IRONMAN	65, 73		49NX60JB##17YY	50NX60JB##17YY	2000	
		ROKHARD™	04, 09, 48, 60, 57		49HI60JB##17YY	50HI60JB##17YY	1000	
		BRIMSTONE®	04, 09, 60, 90		49GN60JQ##17YY	50GN60JQ##17YY	1100	
		EPOXY	04, 09, 90		49OV60JQ##17YY	50OV60JQ##17YY	1100	
		MAXROK™	04, 09, 60, 48, 57		49MA60JB##17YY	50MA60JB##17YY	1200	
		PHENOLIC	04, 09, 60, 48, 57		49PH60JB##17YY	50PH60JB##17YY	1200	
		PHENOLIC (STRAIGHT SIDED)			49PH60TB##17YY	50PH60TB##17YY	1500	
		HIGH-TEMP PHENOLIC	04, 09, 90		49HT60JQ##17YY	50HT60JQ##17YY	1000	
		POLY MAXROK™	04, 09, 60, 48, 57	G, K	49MU60J+##17YY	50MU60J+##17YY	1100	
		POLYON AL™	04, 09, 48, 60, 57	N, R	49PA60J+##17YY	50PA60J+##17YY	1100	
		POLYON-C	04, 09, 48, 60, 57, 12		49PR60JL##17YY	50PR60JL##17YY	1200	
6	2	DW-BLACK			49DW60JLT317YY	50DW60JLT317YY	700	
		DW-RED			49DW60JRT317YY	50DW60JRT317YY	960	
		DW-BLUE			49DW60JBT317YY	50DW60JBT317YY	1400	
		DW-GRAY			49DW60JGT317YY	50DW60JGT317YY	1400	
		POLY-PRO™	04, 09, 48, 60, 57	D, I, K, M, W, U	49PP60J+##17YY	50PP60J+##17YY	720	
					49PP60JP4917YY	50PP60JP4917YY	900	
			49PP60JH6317YY	50PP60JH6317YY				
		POLYADIC™	04, 09, 48, 60, 63, 57	I, M	49PM60J+##17YY	50PM60J+##17YY	900	
		POLYON™	04, 09, 60	G, V	49PU60JV6317YY	50PU60JV6317YY	1200	
					49PU60J+##17YY	50PU60J+##17YY		
		ENERGY SAVER POLYON™	04, 09, 63, 73		49SW60JU##17YY	50SW60JU##17YY	1400	
		POLYFLEXON™ CAST	04, 09, 60, 48, 57		49RP60JK##17YY	50RP60JK##17YY	900	
		POLYFLEXON™		N, O	49UA60J+6417YY	50UA60J+6417YY	1000	
		D-POLYON			49UD60JL6417YY	50UD60JL6417YY	1000	
		ULTRAFLEX™			49UX60JO6417YY	50UX60JO6417YY	1000	
		CHAMPION			49CP60JN6417YY	50CP60JN6417YY	1200	
		DURALASTOMER™	09, 60, 57		49SU60JL##17YY	50SU60JL##17YY	1000	
		SUPER ELASTOMER			49EE60JI6017YY	50EE60JI6017YY	1320	
		ERGOLASTOMER™	04, 09, 73, 64, 57		49HU60JI##17YY	50HU60JI##17YY	1700	
		SEMI-STEEL	04, 09		49SS60JS##17YY	50SS60JS##17YY	1200	
		HEAVY DUTY IRON	04, 09, 63		49HS60JS##17YY	50HS60JS##17YY	1400	
		DUCTILE	04, 09, 73, 63, B1, B5		49DS60JR##17YY	50DS60JR##17YY	2000	
		ENERGY SAVER DUCTILE™	04, 09, B1, B5		49CD60JR##17YY	50CD60JR##17YY	2000	
		FORGED STEEL	04, 09, 73, 63, B1, B5		49FS60JS##17YY	50FS60JS##17YY	2500	
		IRON V-GROOVE	04, 09		49VG60JT##17YY	50VG60JT##17YY	1000	
		DUCTILE V-GROOVE	04, 09, B1, B5		49DV60JT##17YY	50DV60JT##17YY	1500	
		YOKE ONLY				49Z280JZ8317YY	50Z280JZ8317YY	
		NEO-ENERGIZER™	04, 09, 60		49EN80JB##17YY	50EN80JB##17YY	600	
		NOMADIC™	04, 09, 48, 60, 57	B, I	49NM80J+##17YY	50NM80J+##17YY	700	
		RUBBER ON NYLON	04, 09, 48, 60, 57		49NR80JB##17YY	50NR80JB##17YY	600	
		DURA-CUSHION™	04, 09, 63	X, Z	49BC80J+##17YY	50BC80J+##17YY	450	
		ECO-RUBBER	53, P3		49SN80UC##17YY	50SN80UC##17YY	450	
		RUBBER ON ALUMINUM	04, 09, 48, 60, 57		49RA80JB##17YY	50RA80JB##17YY	600	
		MOLD-ON RUBBER	04, 09, 48, 60, 57		49RS80JB##17YY	50RS80JB##17YY	600	
		SUPREME RUBBER	63, 73		49RH80JS##17YY	50RH80JS##17YY	800	
		THERMO-PRO™	04, 09, 60, 63, 48, 57	A, I, T, X, Y, Z,	49TP80J+##17YY	50TP80J+##17YY	600	
		POLYOLEFIN	04, 09, 60, 53, P3, 48, 57, 90	B, E	49P080J+##17YY	50P080J+##17YY	900	
		NYLON	04, 09, 60, 48, 57		49NY80JE##17YY	50NY80JE##17YY	1100	
		IRONMAN	65, 73		49NX80JB##17YY	50NX80JB##17YY	2200	
		ROKHARD™	04, 09, 48, 60, 57		49HI80JB##17YY	50HI80JB##17YY	1100	
		BRIMSTONE®	04, 09, 60, 90		49GN80JQ##17YY	50GN80JQ##17YY	1200	

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					49 Series Swivel Caster Part #	50 Series Rigid Caster Part #		
8	2	EPOXY	04, 09, 90		490V80JQ##17YY	500V80JQ##17YY	1200	
		MAXROK™	04, 09, 48, 60, 57		49MA80JB##17YY	50MA80JB##17YY	1400	
		PHENOLIC	04, 09, 60, 57		49PH80JB##17YY	50PH80JB##17YY	1400	
		HIGH-TEMP PHENOLIC	04, 09, 60, 90		49HT80JQ##17YY	50HT80JQ##17YY	1100	
		POLY MAXROK™	04, 09, 48, 60, 57	G, K	49MU80J+##17YY	50MU80J+##17YY	1400	
		POLYON AL™	04, 09, 48, 60, 57	N, R	49PA80J+##17YY	50PA80J+##17YY	1500	
		DW-BLACK			49DW80JLT317YY	50DW80JLT317YY	750	
		DW-RED			49DW80JRT317YY	50DW80JRT317YY	1100	
		DW-BLUE			49DW80JBT317YY	50DW80JBT317YY	1600	
		DW-GRAY			49DW80JGT317YY	50DW80JGT317YY	1700	
		POLY-PRO™	04, 09, 48, 60, 63, 57		C, D, I, K, M, U, W	49PP80J+##17YY	50PP80J+##17YY	800
						49PP80JP4917YY	50PP80JP4917YY	900
		POLYMADIC™	04, 09, 48, 60, 63, 57		I, M	49PP80JH6317YY	50PP80JH6317YY	1000
						49PM80J+##17YY	50PM80J+##17YY	1000
		POLYON™	04, 09, 60		G, V	49PU80JV6317YY	50PU80JV6317YY	1400
						49PU80J+##17YY	50PU80J+##17YY	
		ENERGY SAVER POLYON™	04, 09, 60			49SW80JU##17YY	50SW80JU##17YY	1500
		POLYFLEXON™ CAST				49RP80JK6317YY	50RP80JK6317YY	1000
		POLYFLEXON™			N, O	49UA80J+6417YY	50UA80J+6417YY	1200
		D-POLYON				49UD80JL6417YY	50UD80JL6417YY	1200
		ULTRAFLEX™				49UX80JO6417YY	50UX80JO6417YY	1200
		CHAMPION				49CP80JN6417YY	50CP80JN6417YY	1500
		DURALASTOMER™	09, 60, 63, 57			49SU80JL##17YY	50SU80JL##17YY	1000
		SUPER ELASTOMER				49EE80JI6017YY	50EE80JI6017YY	1250
		ERGOLASTOMER™	04, 09, 73, 64, 57			49HU80JI##17YY	50HU80JI##17YY	2000
		SEMI-STEEL	04, 09			49SS80JS##17YY	50SS80JS##17YY	1400
		HEAVY DUTY IRON	04, 09, 63			49HS80JS##17YY	50HS80JS##17YY	1600
		DUCTILE	04, 09, 63, 73, B1, B5			49DS80JR##17YY	50DS80JR##17YY	2000
		ENERGY SAVER DUCTILE™	04, 09, B1, B5			49CD80JR##17YY	50CD80JR##17YY	2000
		FORGED STEEL	04, 09, 73, 63, B5, B1			49FS80JS##17YY	50FS80JS##17YY	2500
		IRON V-GROOVE	04, 09			49VG80JT##17YY	50VG80JT##17YY	1200



CP – CHAMPION™

Specially engineered Polyurethane for Best Ergonomic Performance. The Shore "A" 75, 1-3/8" thick tread provides the best protection to cargo. *Please find page 141 for more information.*



UX – SUPER ELASTOMER (ULTRAFLEX™)

A newly innovated polyurethane compound provides this wheel with a high rebound strength. Unparalleled memory rebound after set, donut shaped tread design improves its ergonomic performance when the equipment is at turning point. *For more information, please find page 145.*