

RODAJA ALTO IMPACTO - 6,000 LBS



Applications:
 Ideal for: Towlines and shock load applications, production line dollies & trucks used in various industries including but not limited to: boat & ship molding and assembly, automotive, aerospace, metal fabricating, heavy machinery, military equipment, mobile homes, tractor pulled trailers, extreme duty platform trucks & material handling carts, air cargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, oleum & gymnasium equipment, shipping / receiving carts, warehousing & freight terminal dollies and carts, and countless other applications.



Dual wheel casters offer higher weight capacities with minimal overall heights, better load distribution, floor protection and increased mobility than single wheel casters by spreading the weight over a wider floor area while offering wheel differential action, resulting in less friction between the wheels and the floor, requiring less effort for the operator to swivel. Our D1 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 kingpin-less casters to handle side thrust force better than our competitors designs.

- Dual wheel design offers higher weight capacities & load distribution than single wheel casters.
- Hot forged Kingpinless raceways: 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded on both sides.
- 1/2" CNC machined grade 5 axle bolt & locknut.
- Zinc plated finish is attractive & corrosion resistant.
- Comes with Zerk grease fittings for maintenance.



Options



Face Contact Brake (F)



T Handle Brake (T)



4-Position Lock (P)



4-Position Lock Bolt on. Order Separately Part # 4PSL57

Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
19	4-1/2 x 6-1/4	2-7/16 x 4-4/16 sanded to 3-3/8 x 5-1/4	1/2

Polyon™	Polyon AL™	Polyon MaxRok™	PolyFlexion™ Cast (Round)	PolyFlexion™ (Round)	Champion™	EnergySaver Polyon™ (Crowned)	Dura-Lastomer™	Ergo-Lastomer™
G	V	N	R	G	K			

Polyurefin	CushEndure™	Low Profile Mold on Rubber	Mold-on Rubber	Supreme Rubber™	Rubber on Nylon	Rubber on Aluminum	Dura Cushion™ (Q)	Dura Cushion™ (Z)	Eco-Rubber™	HT Phenolic High Temp	BrimStone™ High Temp	SeRoLLiXer AL™ High Temp

Nylon	MaxRok™	RokHard™	Phenolic	Semi-Steel	Heavy Duty Iron	Ducal	EnergySaver Ductile™ (Crowned)	Forged Steel	Solid Steel V-Croove	MaxRok™ V-Croove	V-Croove	Ductile V-Croove

RoHS Compliant

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Wheel Diameter	Overall Height	Swivel Radius
4	7	4-1/8
5	7-1/2	4-5/8
6	8	5-1/8
8	10-1/8	6-3/4

Nonad™ Flat Tread	Thermo-Pro™	Poly-Pro™ Flat Tread	Polyad™ Premium Polyurethane
I	A	A	I
A	T	X	Y
		Z	
		K	
		M	
		U	
		W	
		H	

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D1 to R1						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.										
4	2 x 2	Nonad™	800	D1N40J0419YY			D1N40J0419YY			
		Rubber on Nylon	800	D1N40J0419YY			D1N40J0419YY			
		Rubber on Aluminum	800	D1R40J0419YY	D1R40J0419YY			D1R40J0419YY		
		Low Profile Rubber	600	D1L40J0419YY						
		Mold On Rubber	800	D1M40J0419YY						
		Thermo-Pro™	600							
		Polyurefin	800	D1P40J0419YY	D1P40J0419YY			D1P40J0419YY		L,T,X,Y
		Nylon	1000	D1N40J0419YY	D1N40J0419YY			D1N40J0419YY		
		RokHard™	1600	D1H40J0419YY	D1H40J0419YY			D1H40J0419YY		
		BrimStone™	1600	D1C40J0419YY	D1C40J0419YY			D1C40J0419YY		
		MaxRok™	1600	D1M40J0419YY	D1M40J0419YY			D1M40J0419YY		
		Phenolic	1600	D1P40J0419YY	D1P40J0419YY			D1P40J0419YY		
		High-Temp Phenolic	1200	D1H40J0419YY	D1H40J0419YY			D1H40J0419YY		
		Polyon MaxRok™	1400	D1M40J0419YY	D1M40J0419YY			D1M40J0419YY		G,K,N,R
		Polyon AL™	1000	D1A40J0419YY				D1A40J0419YY		L,D,K,U,W
		Poly-Pro™	1600	D1P40J0419YY	D1P40J0419YY			D1P40J0419YY		
		Polyad™	1000	D1P40J0419YY	D1P40J0419YY			D1P40J0419YY		
		Polyon™	1200	D1P40J0419YY	D1P40J0419YY			D1P40J0419YY		
		Polyon™	1600	D1P40J0419YY	D1P40J0419YY			D1P40J0419YY		G,V
		EnergySaver Polyon™	1600	D1S40J0419YY				D1S40J0419YY		
PolyFlexion™ Cast	1400	D1R40J0419YY				D1R40J0419YY				
DuraLastomer™	1500	D1S40J0419YY				D1S40J0419YY				
ErgoLastomer™	2000	D1S40J0419YY	D1H40J0419YY	D1H40J0419YY		D1S40J0419YY				
Semi-Steel	1400	D1S40J0419YY				D1S40J0419YY				
Heavy Duty Iron	1800	D1H40J0419YY				D1H40J0419YY				
Ductile	3000	D1D40J0419YY				D1D40J0419YY				
EnergySaver Ductile™	3000	D1D40J0419YY				D1D40J0419YY				
5	2 x 2	Nonad™	100	D1N50J0419YY			D1N50J0419YY			
		Rubber on Nylon	900	D1N50J0419YY			D1N50J0419YY			
		Rubber on Aluminum	1000	D1R50J0419YY	D1R50J0419YY			D1R50J0419YY		
		Mold On Rubber	800	D1M50J0419YY						
		CushEndure™	800							
		Thermo-Pro™	700							
		Polyurefin	1300	D1P50J0419YY	D1P50J0419YY			D1P50J0419YY		L,T,X,Y
		Nylon	1800	D1N50J0419YY	D1N50J0419YY			D1N50J0419YY		
		RokHard™	2000	D1H50J0419YY	D1H50J0419YY			D1H50J0419YY		
		BrimStone™	2000	D1C50J0419YY	D1C50J0419YY			D1C50J0419YY		
		MaxRok™	2000	D1M50J0419YY	D1M50J0419YY			D1M50J0419YY		
		Phenolic	2000	D1P50J0419YY	D1P50J0419YY			D1P50J0419YY		
		High-Temp Phenolic	1500	D1H50J0419YY	D1H50J0419YY			D1H50J0419YY		
		Polyon MaxRok™	2000	D1M50J0419YY	D1M50J0419YY			D1M50J0419YY		G,K,N,R
		Polyon AL™	1800	D1A50J0419YY				D1A50J0419YY		L,D,K,U,W
		Poly-Pro™	1200	D1P50J0419YY	D1P50J0419YY			D1P50J0419YY		
		Polyad™	1500	D1P50J0419YY	D1P50J0419YY			D1P50J0419YY		
		Polyon™	2200	D1P50J0419YY	D1P50J0419YY			D1P50J0419YY		
		Polyon™	1800	D1P50J0419YY	D1P50J0419YY			D1P50J0419YY		G,V
		EnergySaver Polyon™	2600	D1S50J0419YY				D1S50J0419YY		
PolyFlexion™ Cast	1600	D1R50J0419YY				D1R50J0419YY				
DuraLastomer™	1800	D1S50J0419YY				D1S50J0419YY				
ErgoLastomer™	2800	D1S50J0419YY	D1H50J0419YY	D1H50J0419YY		D1S50J0419YY				
Semi-Steel	2000	D1S50J0419YY				D1S50J0419YY				
Heavy Duty Iron	2400	D1H50J0419YY				D1H50J0419YY				
Ductile	3000	D1D50J0419YY				D1D50J0419YY				
EnergySaver Ductile™	3000	D1D50J0419YY				D1D50J0419YY				

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				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 x 2	Nonad™	1200	D1N60J0419YY			D1N60J0419YY			
		Rubber on Nylon	1100	D1N60J0419YY			D1N60J0419YY			
		Dura Cushion™	700	D1B60J0419YY				D1B60J0419YY		X,Z
		Rubber on Aluminum	1100	D1R60J0419YY	D1R60J0419YY			D1R60J0419YY		
		Low Profile Rubber	1200	D1L60J0419YY						
		Mold On Rubber	1100	D1M60J0419YY						
		Supreme Rubber™	1400							
		CushEndure™	900							
		Thermo-Pro™	1000							
		Polyurefin	1400	D1P60J0419YY	D1P60J0419YY			D1P60J0419YY		L,T,X,Y
		Nylon	2000	D1N60J0419YY	D1N60J0419YY			D1N60J0419YY		
		RokHard™	2400	D1H60J0419YY	D1H60J0419YY			D1H60J0419YY		
		BrimStone™	2400	D1C60J0419YY	D1C60J0419YY			D1C60J0419YY		
		MaxRok™	2400	D1M60J0419YY	D1M60J0419YY			D1M60J0419YY		
		Phenolic	2400	D1P60J0419YY	D1P60J0419YY			D1P60J0419YY		
		High-Temp Phenolic	1800	D1H60J0419YY	D1H60J0419YY			D1H60J0419YY		
		Polyon MaxRok™	2400	D1M60J0419YY	D1M60J0419YY			D1M60J0419YY		G,K,N,R
		Polyon AL™	2400	D1A60J0419YY				D1A60J0419YY		L,D,K,U,W
		Poly-Pro™	1440	D1P60J0419YY	D1P60J0419YY			D1P60J0419YY		
		Polyad™	1400	D1P60J0419YY	D1P60J0419YY			D1P60J0419YY		H,M
Polyon™	1800	D1P60J0419YY	D1P60J0419YY			D1P60J0419YY				
Polyon™	2400	D1P60J0419YY	D1P60J0419YY			D1P60J0419YY		G,V		
EnergySaver Polyon™	3800	D1S60J0419YY				D1S60J0419YY				
PolyFlexion™ Cast	1800	D1R60J0419YY				D1R60J0419YY				
PolyFlexion™	1800	D1S60J0419YY				D1S60J0419YY				
Champion™	2400	D1S60J0419YY				D1S60J0419YY				
DuraLastomer™	2000	D1S60J0419YY	D1H60J0419YY	D1H60J0419YY		D1S60J0419YY				
ErgoLastomer™	3400	D1S60J0419YY				D1S60J0419YY				
Semi-Steel	2400	D1S60J0419YY				D1S60J0419YY				
Heavy Duty Iron	2800	D1H60J0419YY				D1H60J0419YY				
Ductile	4000	D1D60J0419YY				D1D60J0419YY				
EnergySaver Ductile™	4000	D1D60J0419YY				D1D60J0419YY				
Forged Steel	5000	D1F60J0419YY				D1F60J0419YY				
8	2 x 2	Nonad™	1400	D1N80J0419YY			D1N80J0419YY			
		Rubber on Nylon	1200	D1N80J0419YY			D1N80J0419YY			
		Dura Cushion™	900	D1B80J0419YY				D1B80J0419YY		X,Z
		Low Profile Rubber	900							
		Rubber on Aluminum	1200	D1R80J0419YY	D1R80J0419YY			D1R80J0419YY		
		Mold On Rubber	1200	D1M80J0419YY						
		Supreme Rubber™	1600							
		Thermo-Pro™	1200							
		Polyurefin	1800	D1P80J0419YY	D1P80J0419YY			D1P80J0419YY		L,T,X,Y
		Nylon	2200	D1N80J0419YY	D1N80J0419YY			D1N80J0419YY		
		RokHard™	2800	D1H80J0419YY	D1H80J0419YY			D1H80J0419YY		
		BrimStone™	2400	D1C80J0419YY	D1C80J0419YY			D1C80J0419YY		
		MaxRok™	2800	D1M80J0419YY	D1M80J0419YY			D1M80J0419YY		
		Phenolic	2800	D1P80J0419YY	D1P80J0419YY			D1P8		