



D2 / R2 Dual Wheel Kingpinless Series - Up to 7,000 lbs.

Durable Superior Casters®



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, aircargo & ground support equipment, storage tanks, gantries & heavy duty processing equipment, coliseum & gymnasium equipment, shipping / receiving carts, warehousing & freight terminal dollies and carts, and countless other applications.



Options



Face Contact Brake (F)



T Handle Brake
1 Side =(R) 2 Sides =(W)



4-Position Lock (P)



4-Position Lock Bolt-on. Order Separately
Part# 4PSL61

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 caster to swivel. Our D2 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 kingpinless 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 Kinpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 3/8" thick legs are robotically welded inside and out.
- 3/4" CNC machined grade 8 axle with lock nut.
- Zinc plated finish is attractive & corrosion resistant.
- Comes with Zerk grease fittings for maintenance.



Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
25	5-1/4 x 7-1/4	3-3/8 x 5-1/4 slotted to 4-1/8 x 6-1/8	1/2

Mold-on Rubber	Supreme Rubber™	Polyon™		EnergySaver Polyon™	Ultra Poly®	Ergo-Lastomer™	Phenolic	HT Phenolic High Temp	Semi-Steel	Ductile	EnergySaver Ductile™ (Crowned)	Forged Steel
		G	V									

Dia	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D1 to R2			+Color	Overall Height	Swivel Radius
				Roller Bearing 23, 24	Tapered Bearing 70	Sealed Precision BB 65			
				Add options by replacing YY in part# with option designator/s.					
5	2-1/2 x 2	Ductile Steel	4000	D2DS50QR2425YY			7-9/16	5-5/8	
	3 x 2	Polyon™	2800	D2PU50LG2425YY					
6	2-1/2 x 2	Mold-On Rubber	1400	D2RS60QB2425YY			G, V	8-1/16	6-1/8
		Phenolic	3200	D2PH60QB2425YY					
		Polyon™	3200	D2PU60Q+2425YY					
		EnergySaver Polyon™	3400	D2SW60QU+2425YY	D2SW60QU7025YY				
		ErgoLastomer™	4400			D2HU60KI6525YY			
		Semi-Steel	3600	D2SS60QS2425YY					
		Ductile Steel	7000	D2DS60QR2425YY	D2DS60QR7025YY				
EnergySaver Ductile™	7000	D2CD60QR2425YY	D2CD60QR7025YY						

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Wheel Diameter	Tread Width	Wheel Type	Load Cap	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D2 to R2			+Color	Overall Height	Swivel Radius	
				Roller Bearing 23, 24	Tapered Bearing 70,79	Sealed Precision BB 65				
				Add options by replacing YY in part# with option designator/s.						
6	3 x 2	Mold-On Rubber	1500	D2RS60LB2425YY				8-1/16	6-1/8	
		Supreme Rubber™	1700		D2RH60LS7025YY					
		Phenolic	4000	D2PH60LB2425YY						
		Polyon™	4000	D2PU60L+2425YY						
		EnergySaver Polyon™	4400	D2SW60LU2425YY	D2SW60LU7025YY					
		UltraPoly*	6000	D2EX60LG2425YY	D2EX60LG7025YY	D2EX60LG6525YY				
		Semi-Steel	5000	D2SS60LS2425YY						
		Ductile Steel	7000	D2DS60LR2425YY	D2DS60LR7025YY	D2DS60LG6525YY				
		EnergySaver Ductile™	7000	D2CD60LR2425YY	D2CD60LR7025YY					
Forged Steel	7000	D2FS60LS2725YY	D2FS60LS7925YY							
8	2-1/2 x 2	Mold-On Rubber	1700	D2RS80QB2425YY				10-1/2	7-5/8	
		Phenolic	4000	D2PH80QB2425YY						
		Polyon™	4000	D2PU80Q+2425YY			G,V			
		EnergySaver Polyon™	4400	D2SW80QU2425YY	D2SW80QU7025YY					
		ErgoLastomer™	4600			D2HU80KI6525YY				
		Semi-Steel	3600	D2SS80QS2425YY						
		Ductile	7000	D2DS80QR2425YY	D2DS80QR7025YY					
EnergySaver Ductile™	7000	D2CD80QR2425YY	D2CD80QR7025YY							
8	3 x 2	Mold-On Rubber	1800	D2RS80LB2425YY				10-1/2	7-5/8	
		Supreme Rubber™	2000		D2RH80LS7025YY					
		Phenolic	5000	D2PH80LB2425YY						
		High-Temp Phenolic	3800	D2HT80LQ2425YY						
		Polyon™	5000	D2PU80L+2425YY			D2PU80LG6525YY			G,V
		EnergySaver Polyon™	5400	D2SW80LU2425YY	D2SW80LU7025YY	D2SW80LU6525YY				
		UltraPoly*	7000	D2EX80LG2425YY	D2EX80LG7025YY	D2EX80LG6525YY				
		ErgoLastomer™	6000			D2HU80LI6525YY				
		Semi-Steel	5000	D2SS80LS2425YY						
		Ductile	7000	D2DS80LR2425YY	D2DS80LR7025YY	D2DS80LR6525YY				
EnergySaver Ductile™	7000	D2CD80LR2425YY	D2CD80LR7025YY							
Forged Steel	7000	D2FS80LS2725YY	D2FS80LS7925YY							
10	2-1/2 x 2	Mold-On Rubber	2000	D2RS10QB2425YY				12-1/2	9-1/8	
		Phenolic	5000	D2PH10QB2425YY						
		Polyon™	4400	D2PU10Q+2425YY			G,V			
		EnergySaver Polyon™	4800	D2SW10QU2425YY	D2SW10QU7025YY					
		Semi-Steel	4000	D2SS10QS2425YY						
Ductile	7000	D2DS10QR2425YY	D2DS10QR7025YY							
10	3 x 2	Mold-On Rubber	2200	D2RS10LB2425YY	D2RS10LB7025YY			12-1/2	9-1/4	
		Supreme Rubber™	2600		D2RH10LS7025YY					
		Phenolic	5800	D2PH10LB2425YY						
		High-Temp Phenolic	4800	D2HT10LQ2425YY						
		Polyon™	6000	D2PU10L+2425YY			D2PU10LG6525YY			G,V
		EnergySaver Polyon™	6000	D2SW10LU2425YY	D2SW10LU7025YY					
		UltraPoly*	8000	D2EX10LG2425YY	D2EX10LG7025YY	D2EX10LG6525YY				
		ErgoLastomer™	6400			D2HU10LI6525YY				
		Semi-Steel	5000	D2SS10LS2425YY						
		Ductile	7000	D2DS10LR2425YY	D2DS10LR7025YY	D2DS10LR6525YY				
EnergySaver Ductile™	7000	D2CD10LR2425YY	D2CD10LR7025YY							
Forged Steel	7000	D2FS10LS2725YY	D2FS10LS7925YY							
12	2-1/2 x 2	Mold-On Rubber	2400	D2RS12QB2425YY				15-1/2	11	
		Phenolic	6000	D2PH12QB2425YY						
		Polyon™	5000	D2PU12Q+2425YY			G,V			
		EnergySaver Polyon™	5400	D2SW12QU2425YY						
		Semi-Steel	4000	D2SS12QS2425YY						
12	3 x 2	Mold-On Rubber	2600	D2RS12LB2425YY				15-1/2	11-1/8	
		Supreme Rubber™	2800		D2RH12LS7025YY					
		Phenolic	7000	D2PH12LB2425YY						
		High-Temp Phenolic	5200	D2HT12LQ2425YY						
		Polyon™	7000	D2PU12L+2425YY			D2PU12LG6525YY			G,V
		EnergySaver Polyon™	7000	D2SW12LU2425YY	D2SW12LU7025YY					
		UltraPoly*	7000	D2EX12LG2425YY	D2EX12LG7025YY	D2EX12LG6525YY				
		Semi-Steel	5000	D2SS12LS2425YY						
		Ductile	7000	D2DS12LR2425YY	D2DS12LR7025YY	D2DS12LR6525YY				
		EnergySaver Ductile™	7000	D2CD12LR2425YY	D2CD12LR7025YY					
Forged Steel	7000	D2FS12LS2725YY	D2FS12LS7925YY							