



# D4 / R4 Dual Wheel Kingpinless Series - Up to 40,000 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.

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 D4 Series casters are made out of ASTM1045 steel, drop forged 5/8" thick top plate integrates with a forged 7" diameter precisely machined raceway with a single row of hardened 3/4" 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.

- 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.
- 1/2" thick legs are robotically welded on both sides.
- 1-1/4" CNC machined grade 8 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  
1 Side =(R) 2 Sides =(W)



4-Position Lock Bolt-on. Order Separately  
Part# 4PSL65

### Top Plate Specifications

Plate Code	Overall Size	Bolt Hole Pattern	Mounting Bolt Size
45	8-1/2 x 8-1/2	7 x 7	5/8

Mold-on Rubber	Supreme Rubber™	UltraPoly®	Phenolic	Ductile	Forged Steel

Wheel Diameter	Tread Width	Wheel Type	Swivel caster part numbers shown below; to order Rigid casters change part# prefix D4 to R4						Overall Height	Swivel Radius
			Roller Bearings 33	Weight Capacity	Tapered Bearings 74	Weight Capacity	Sealed Precision BB's 68	Weight Capacity		
8	4 x 2	UltraPoly®	D4EX80NG3345YY	8000	D4EX80NG7445YY	8000	D4EX80NG6845YY	8000	11	7-1/2
		Ductile	D4DS80NR3345YY	22000	D4DS80NR7445YY	34000	D4DS80NR6845YY	20000		
		Forged Steel	D4FS80NS3345YY	22000	D4FS80NS7445YY	36000				
10	4 x 2	Mold-On Rubber	D4RS10NB3345YY	2800					13	9
		UltraPoly®	D4EX10NG3345YY	11000	D4EX10NG7445YY	11000	D4EX10NG6845YY	11000		
		Ductile	D4DS10NR3345YY	22000	D4DS10NR7445YY	34000	D4DS10NR6845YY	20000		
		Forged Steel	D4FS10NS3345YY	22000	D4FS10NS7445YY	40000				
12	4 x 2	Supreme Rubber	D4RH12NS3345YY	3000	D4RH12NS7445YY	3000			15-1/2	10-3/4
		Phenolic	D4PH12NB3345YY	13000						
		Mold-On Rubber	D4RS12NB3345YY	3000						
		UltraPoly®	D4EX12NG3345YY	13000	D4EX12NG7445YY	13000	D4EX12NG6845YY	13000		
		Ductile	D4DS12NR3345YY	22000	D4DS12NR7445YY	34000	D4DS12NR6845YY	20000		
Forged Steel	D4FS12NS3345YY	22000	D4FS12NS7445YY	40000	D4FS12NS6845YY	22000				