

# RODAJA ALTO IMPACTO DUAL – 40,000 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, 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.

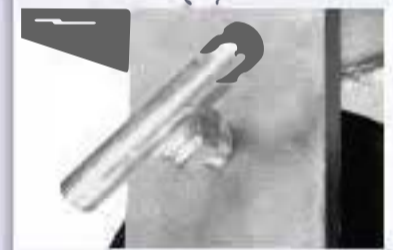
- Dual wheel design offers higher weight capacities & load distribution than single wheel casters.
- Hot forged Kingpinless raceways; 1 piece integrally forged top plate and inner raceway design.
- 1/2" thick legs are robotically welded on both sides.
- 1-1/4" CNC machined grade 8 axle bolt & locknut.
- 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™ | Ultra Poly® | Phenolic | Ductile | Forged Steel |
|----------------|-----------------|-------------|----------|---------|--------------|
|                |                 |             |          |         |              |

| Wheel Diameter | Tread Width    | Wheel Type     | Swivel caster part numbers shown below;<br>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          | Ultra Poly®    | 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              |               |
|                |                | Ultra Poly®    | 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            |                     |                 |                          |                 |                |               |
|                |                | Ultra Poly®    | D4EX12NG3345YY   | 13000           | D4EX12NG7445YY      | 13000           | D4EX12NG6845YY           |                 |                | 13000         |
|                |                | Ductile        | D4DS12NR3345YY   | 22000           | D4DS12NR7445YY      | 34000           | D4DS12NR6845YY           |                 |                | 20000         |
| Forged Steel   | D4FS12NS3345YY | 22000          | D4FS12NS7445YY   | 40000           | D4FS12NS6845YY      | 22000           |                          |                 |                |               |