

40 Series

2000 lbs
900 kg
 2
4
5
6
8



High Endurance High Performance

The 40 Series are hot forged ASTM 1045 steel kingpinless casters that each can withstand up to 2000 lbs. Whether it's machinery, military, fabrication, tow-lines or automotive equipment, the 40 Series will deliver.

Features

- Hot forged ASTM 1045 steel
- Design eliminates problems associated with kingpin failure due to severe shock loading
- Top plate and inner raceway are integrally forged construction
- Precision machined and induction hardened sealed raceway provides exceptionally smooth performance
- 3/8" Diameter HRC45 steel ball bearings absorb thrust and load in severe environments
- Double welded legs
- Rigid are manufactured from 8 mm thick steel
- 1/2" Diameter Zerk axle & lock nut



**Heavy
Duty
Caster**



Load Capacity
**2000 lbs
900 kg**

Industries and Applications



Industrial



Machinery/Fabrication
Tow-Line



Institutional



Automotive

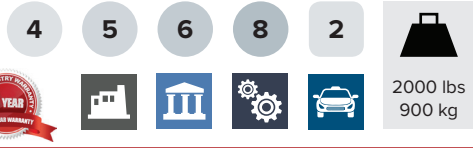


| Size | Bolt Pattern | Attaching Bolt Dia. | **Plate |
|---------------|-----------------------------------|---------------------|---------|
| 4 x 4-1/2 | 2-5/8 x 3-5/8 to 3 x 3 | 3/8 | 03 |
| 4-1/2 x 6-1/4 | 2-7/16 x 4-15/16 to 3-3/8 x 5-1/4 | 1/2 | 04 |

| Caster Type | Part # |
|-----------------------|-----------|
| Swivel | CS |
| Rigid | CR |
| Swivel/Top Lock Brake | TS |

| Bearing Options | ^ Part # |
|---------------------|----------|
| Roller | 23 |
| Q34 Precision Ball | 38 |
| 1/2 I.D. Delrin | 56 |
| 3/4 I.D. Delrin | 57 |
| 6203 Precision Ball | 63 |
| 6204 Precision Ball | 64 |

| Wheel Dia. | Tread Width | Wheel Type | Load Cap. | OAH | Radius | Swivel Part # | ^ Bearing Options |
|------------|-------------|-------------------------------------|-----------|-------|--------|---------------------------|-------------------|
| 4 | 2 | Yoke Only | 2000 | 5-5/8 | 3-1/8 | 40 CS 420-** | 23, 38, 56, 57 |
| 4 | 2 | Elastic Rubber Nylon | 400 | 5-5/8 | 3-1/8 | 40 CS 420ERN^**-** | 23, 38, 56, 57 |
| 4 | 2 | Duratek High Tech Rubber | 450 | 5-5/8 | 3-1/8 | 40 CS 420PPR^**-** | 23, 38, 56, 57 |
| 4 | 2 | Duratough Polyurethane Polyolefin | 700 | 5-5/8 | 3-1/8 | 40 CS 420PTU^**-** | 23, 38, 56, 57 |
| 4 | 2 | Polyurethane Steel | 700 | 5-5/8 | 3-1/8 | 40 CS 420PU^**-** | 23, 38, 56, 57 |
| 4 | 2 | Semi-Steel | 700 | 5-5/8 | 3-1/8 | 40 CS 420SS^**-** | 23, 38, 56, 57 |
| 4 | 2 | V-Groove | 700 | 5-5/8 | 3-1/8 | 40 CS 420VG^**-** | 23, 38, 56, 57 |



| Wheel Dia. | Tread Width | Wheel Type | Load Cap. | OAH | Radius | Swivel Part # | ^ Bearing Options |
|------------|-------------|--------------------------------------------|-----------|-------|--------|---------------|--------------------|
| 4 | 2 | Solid Polyurethane | 800 | 5-5/8 | 3-1/8 | 40CS420SPU^** | 23, 38, 56, 57 |
| 4 | 2 | Glass-filled Nylon | 800 | 5-5/8 | 3-1/8 | 40CS420MA^** | 23, 38, 56, 57 |
| 4 | 2 | Polyurethane Glass-filled Nylon | 800 | 5-5/8 | 3-1/8 | 40CS420MU^** | 23, 38, 56, 57 |
| 4 | 2 | Phenolic | 800 | 5-5/8 | 3-1/8 | 40CS420PH^** | 23, 38, 56, 57 |
| 4 | 2 | Sirius HD Donut Polyurethane Aluminum | 1000 | 5-5/8 | 3-1/8 | 40CS420DUA^** | 63 |
| 4 | 2 | HD Solid Polyurethane Glass-filled Nylon | 1200 | 5-5/8 | 3-1/8 | 40CS420HU^** | 23, 38, 56, 57, 63 |
| 4 | 2 | Ductile Steel | 1500 | 5-5/8 | 3-1/8 | 40CS420DS^** | 23, 38 |
| 5 | 2 | Yoke Only | 2000 | - | - | 40CS520-** | - |
| 5 | 2 | Elastic Rubber Nylon | 450 | 6-1/2 | 3-3/4 | 40CS520ERN^** | 63 |
| 5 | 2 | Duratek High Tech Rubber | 500 | 6-1/2 | 3-3/4 | 40CS520PPR^** | 23, 38, 56, 57 |
| 5 | 2 | Duratough Polyurethane Polyolefin | 750 | 6-1/2 | 3-3/4 | 40CS520PTU^** | 23, 38, 56, 57 |
| 5 | 2 | Polyurethane Steel | 1000 | 6-1/2 | 3-3/4 | 40CS520PU^** | 23, 38, 56, 57 |
| 5 | 2 | Semi-Steel | 1000 | 6-1/2 | 3-3/4 | 40CS520SS^** | 23, 38, 56, 57 |
| 5 | 2 | V-Groove | 1000 | 6-1/2 | 3-3/4 | 40CS520VG^** | 23, 38, 56, 57 |
| 5 | 2 | Solid Polyurethane | 1000 | 6-1/2 | 3-3/4 | 40CS520SPU^** | 23, 38, 56, 57 |
| 5 | 2 | Glass-filled Nylon | 1000 | 6-1/2 | 3-3/4 | 40CS520MA^** | 23, 38, 56, 57 |
| 5 | 2 | Polyurethane Glass-filled Nylon | 1000 | 6-1/2 | 3-3/4 | 40CS520MU^** | 23, 38, 56, 57 |
| 5 | 2 | Phenolic | 1000 | 6-1/2 | 3-3/4 | 40CS520PH^** | 23, 38, 56, 57 |
| 5 | 2 | Sirius HD Donut Polyurethane Aluminum | 1200 | 6-1/2 | 3-3/4 | 40CS520DUA^** | 63 |
| 5 | 2 | HD Solid Polyurethane Glass-filled Nylon | 1500 | 6-1/2 | 3-3/4 | 40CS520HU^** | 23, 38, 56, 57, 63 |
| 5 | 2 | Ductile Steel | 1500 | 6-1/2 | 3-3/4 | 40CS520DS^** | 23, 38 |
| 6 | 2 | Yoke Only | 2000 | - | - | 40CS620-** | - |
| 6 | 2 | Elastic Rubber Nylon | 550 | 7-1/2 | 4-1/2 | 40CS620ERN^** | 63 |
| 6 | 2 | Duratek High Tech Rubber | 600 | 7-1/2 | 4-1/2 | 40CS620PPR^** | 23, 38, 56, 57 |
| 6 | 2 | Duratough Polyurethane Polyolefin | 900 | 7-1/2 | 4-1/2 | 40CS620PTU^** | 23, 38, 56, 57 |
| 6 | 2 | Polyurethane Steel | 1200 | 7-1/2 | 4-1/2 | 40CS620PU^** | 23, 38, 56, 57 |
| 6 | 2 | Semi-Steel | 1200 | 7-1/2 | 4-1/2 | 40CS620SS^** | 23, 38, 56, 57 |
| 6 | 2 | V-Groove | 1200 | 7-1/2 | 4-1/2 | 40CS620VG^** | 23, 38, 56, 57 |
| 6 | 2 | Solid Polyurethane | 1200 | 7-1/2 | 4-1/2 | 40CS620SPU^** | 23, 38, 56, 57 |
| 6 | 2 | Glass-Filled Nylon | 1200 | 7-1/2 | 4-1/2 | 40CS620MA^** | 23, 38, 56, 57 |
| 6 | 2 | Polyurethane Glass-filled Nylon | 1200 | 7-1/2 | 4-1/2 | 40CS620MU^** | 23, 38, 56, 57 |
| 6 | 2 | Phenolic | 1200 | 7-1/2 | 4-1/2 | 40CS620PH^** | 23, 38, 56, 57 |
| 6 | 2 | Sirius HD Polyurethane Aluminum | 1500 | 7-1/2 | 4-1/2 | 40CS620TUA^** | 63 |
| 6 | 2 | Sirius HD Donut Polyurethane Aluminum | 1500 | 7-1/2 | 4-1/2 | 40CS620DUA^** | 63 |
| 6 | 2 | HD Solid Polyurethane Glass-filled Nylon | 1800 | 7-1/2 | 4-1/2 | 40CS620HU^** | 23, 38, 56, 57, 63 |
| 6 | 2 | Ductile Steel | 2000 | 7-1/2 | 4-1/2 | 40CS620DS^** | 23, 38 |
| 8 | 2 | Yoke Only | 2000 | - | - | 40CS820-** | - |
| 8 | 2 | Elastic Rubber Nylon | 600 | 9-1/2 | 6-3/4 | 40CS820ERN^** | 63 |
| 8 | 2 | Duratek High Tech Rubber | 675 | 9-1/2 | 6-3/4 | 40CS820PPR^** | 23, 38, 56, 57 |
| 8 | 2 | Duratough Polyurethane Polyolefin | 1000 | 9-1/2 | 6-3/4 | 40CS820PTU^** | 23, 38, 56, 57 |
| 8 | 2 | Polyurethane Steel | 1400 | 9-1/2 | 6-3/4 | 40CS820PU^** | 23, 38, 56, 57 |
| 8 | 2 | Semi-Steel | 1400 | 9-1/2 | 6-3/4 | 40CS820SS^** | 23, 38, 56, 57 |
| 8 | 2 | V-Groove | 1400 | 9-1/2 | 6-3/4 | 40CS820VG^** | 23, 38, 56, 57 |
| 8 | 2 | Solid Polyurethane | 1400 | 9-1/2 | 6-3/4 | 40CS820SPU^** | 23, 38, 56, 57 |
| 8 | 2 | Glass-Filled Nylon | 1400 | 9-1/2 | 6-3/4 | 40CS820MA^** | 23, 38, 56, 57 |
| 8 | 2 | Polyurethane Glass-filled Nylon | 1400 | 9-1/2 | 6-3/4 | 40CS820MU^** | 23, 38, 56, 57 |
| 8 | 2 | Phenolic | 1400 | 9-1/2 | 6-3/4 | 40CS820PH^** | 23, 38, 56, 57 |
| 8 | 2 | Sirius HD Polyurethane Aluminum | 2000 | 9-1/2 | 6-3/4 | 40CS820TUA^** | 63, 64 |
| 8 | 2 | Sirius HD Donut Polyurethane Aluminum | 2000 | 9-1/2 | 6-3/4 | 40CS820DUA^** | 63, 64 |
| 8 | 2 | HD Solid Polyurethane Glass-filled Nylon | 2000 | 9-1/2 | 6-3/4 | 40CS820HU^** | 23, 38, 56, 57, 63 |
| 8 | 2 | Ductile Steel | 2000 | 9-1/2 | 6-3/4 | 40CS820DS^** | 23, 38 |