



FEATURES

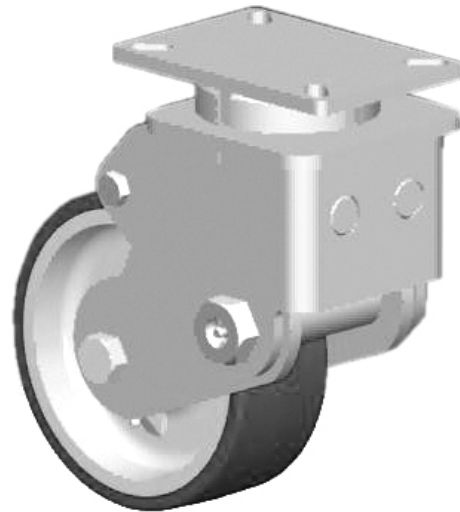
Our popular shock absorbing casters have swivel sections that are constructed of high alloy steel and are precision machined for close tolerances and long life. These casters feature legs of thick section plate steel. Integrally forged kingpins are available from 3/4" to 1-1/4" in diameter. In normal configurations, these swivel sections will carry 3 to 4 times their listed capacity.

BENEFITS

The high strength chrome vanadium springs provide longer life through constant flexing and compressing. The spring compression starts with as little as 25 pounds loading per caster resulting in cushioned loads and quiet empty returns. The long swivel lead reduces excessive shimmy and vibration while towing.

OPTIONS

Special non-catalog sizes and designs are available. Swivel locks and face contact brakes are available, consult factory.



73-08309-60-1 shown

APPLICATIONS

Shock absorbing casters are ideal for jet engine dollies, aircraft jacks, in-plant trailers, trash gondolas, lift truck stabilizer casters, revolving signs and parade floats.

| WHEEL | | | CAPACITY | | PART NUMBER | | | | | |
|-------|-------|----------------|----------------|---------|-------------|-------------|-----------------|-------------------|--------|------|
| Dia. | Width | Material | Roller Bearing | Tapered | OAH | Swivel Lead | Straight Roller | Precision Tapered | Series | Wt. |
| 4 | 2.00 | Polyurethane | 500 | | 7.31 | 1.75 | 53-04201-60-1 | | 50 | 13.0 |
| 4 | 2.00 | Mold on Rubber | 400 | | 7.31 | 1.75 | 53-04201-71-1 | | 50 | 13.0 |
| 4 | 2.00 | Phenolic Resin | 500 | | 7.31 | 1.75 | 53-04201-30-1 | | 50 | 12.0 |
| 5 | 2.00 | Polyurethane | 500 | | 7.81 | 1.75 | 53-05201-60-1 | | 50 | 13.0 |
| 5 | 2.00 | Mold on Rubber | 400 | | 7.81 | 1.75 | 53-05201-71-1 | | 50 | 13.0 |
| 5 | 2.00 | Phenolic Resin | 500 | | 7.81 | 1.75 | 53-05201-30-1 | | 50 | 12.0 |
| 6 | 2.00 | Polyurethane | 500 | | 9.25 | 2.25 | 53-06201-60-1 | | 50 | 15.0 |
| 6 | 2.00 | Mold on Rubber | 425 | | 9.25 | 2.25 | 53-06201-71-1 | | 50 | 15.0 |
| 6 | 2.00 | Phenolic Resin | 500 | | 9.25 | 2.25 | 53-06201-30-1 | | 50 | 13.0 |
| 8 | 2.00 | Polyurethane | 500 | | 11.63 | 3.25 | 53-08201-60-1 | | 50 | 16.0 |
| 8 | 2.00 | Mold on Rubber | 500 | | 11.63 | 3.25 | 53-08201-71-1 | | 50 | 16.0 |
| 8 | 2.00 | Phenolic Resin | 500 | | 11.63 | 3.25 | 53-08201-30-1 | | 50 | 13.0 |
| 5 | 2.00 | Polyurethane | 400 | | 7.50 | 2.75 | 63-05201-60-1 | | 60 | 13.0 |
| 5 | 2.00 | Mold on Rubber | 400 | | 7.50 | 2.75 | 63-05201-71-1 | | 60 | 13.0 |
| 5 | 2.00 | Phenolic Resin | 400 | | 7.50 | 2.75 | 63-05201-30-1 | | 60 | 11.0 |
| 6 | 2.00 | Polyurethane | 500 | | 8.50 | 2.38 | 63-06201-60-1 | | 60 | 15.0 |
| 6 | 2.00 | Mold on Rubber | 500 | | 8.50 | 2.38 | 63-06201-71-1 | | 60 | 15.0 |
| 6 | 2.00 | Phenolic Resin | 500 | | 8.50 | 2.38 | 63-06201-30-1 | | 60 | 13.0 |
| 8 | 2.00 | Polyurethane | 500 | | 10.50 | 3.50 | 63-08201-60-1 | | 60 | 16.0 |
| 8 | 2.00 | Mold on Rubber | 410 | | 10.50 | 3.50 | 63-08201-71-1 | | 60 | 16.0 |
| 8 | 2.00 | Phenolic Resin | 500 | | 10.50 | 3.50 | 63-08201-30-1 | | 60 | 13.0 |



CASTER CONCEPTS

SHOCK ABSORBING CASTERS

20,000 maximum capacity
LBS

SHOCK ABSORBING CASTERS 20,000 lbs maximum capacity

| WHEEL | | CAPACITY | | | | PART NUMBER | | | | |
|-------|-------|------------------------|--------|---------|-------|-------------|-----------------|-------------------|--------|-------|
| Dia. | Width | Material | Roller | Tapered | OAH | Swivel Lead | Straight Roller | Precision Tapered | Series | Wt. |
| 6 | 2.50 | Polyurethane | 800 | 800 | 9.50 | 3.63 | 67-06255-60-1 | 67-06257-60-1 | 65 | 27.0 |
| 6 | 2.50 | Mold on Rubber | 670 | 670 | 9.50 | 3.63 | 67-06255-70-1 | 67-06257-70-1 | 65 | 26.0 |
| 6 | 2.50 | Phenolic Resin | 800 | 800 | 9.50 | 3.63 | 67-06255-30-1 | 67-06257-30-1 | 65 | 18.0 |
| 8 | 2.50 | Polyurethane | 800 | 800 | 11.50 | 4.00 | 67-08255-60-1 | 67-08257-60-1 | 65 | 25.0 |
| 8 | 2.50 | Mold on Rubber | 670 | 670 | 11.50 | 4.00 | 67-08255-70-1 | 67-08257-70-1 | 65 | 25.0 |
| 8 | 2.50 | Phenolic Resin | 800 | 800 | 11.50 | 4.00 | 67-08255-30-1 | 67-08257-30-1 | 65 | 20.0 |
| 10 | 2.50 | Polyurethane | 800 | 800 | 14.00 | 5.50 | 67-10255-60-1 | 67-10257-60-1 | 65 | 32.0 |
| 10 | 2.50 | Mold-on rubber | 800 | 800 | 14.00 | 5.50 | 67-10255-70-1 | 67-10257-70-1 | 65 | 27.0 |
| 10 | 2.50 | Phenolic Resin | 800 | 800 | 14.00 | 5.50 | 67-10255-30-1 | 67-10257-30-1 | 65 | 22.0 |
| 6 | 3.00 | Polyurethane | 1,100 | 1,100 | 10.00 | 4.00 | 73-06301-60-1 | 73-06309-60-1 | 70 | 35.0 |
| 6 | 3.00 | Mold on Rubber | 700 | 700 | 10.00 | 4.00 | 73-06301-70-1 | 73-06309-70-1 | 70 | 34.0 |
| 6 | 3.00 | Phenolic Resin | 1,100 | 1,100 | 10.00 | 4.00 | 73-06301-30-1 | 73-06309-30-1 | 70 | 28.0 |
| 8 | 3.00 | Polyurethane | 1,100 | 1,100 | 12.00 | 4.00 | 73-08301-60-1 | 73-08309-60-1 | 70 | 38.0 |
| 8 | 3.00 | Mold on Rubber | 850 | 850 | 12.00 | 4.00 | 73-08301-70-1 | 73-08309-70-1 | 70 | 38.0 |
| 8 | 3.00 | T/R Compound Soft Poly | 1,100 | 1,100 | 12.00 | 4.00 | 73-08301-66-1 | 73-08309-66-1 | 70 | 32.0 |
| 10 | 3.00 | Polyurethane | 1,100 | 1,100 | 13.50 | 5.50 | 73-10301-60-1 | 73-10309-60-1 | 70 | 45.0 |
| 10 | 3.00 | Mold on Rubber | 1,100 | 1,100 | 13.50 | 5.50 | 73-10301-70-1 | 73-10309-70-1 | 70 | 42.0 |
| 10 | 3.00 | T/R Compound Soft Poly | 1,100 | 1,100 | 13.50 | 5.50 | 73-10301-66-1 | 73-10309-66-1 | 70 | 38.0 |
| 8 | 3.00 | Polyurethane | 1,700 | 1,700 | 12.00 | 4.00 | 83-08301-60-1 | 83-08309-60-1 | 80 | 58.0 |
| 8 | 3.00 | Mold on Rubber | 825 | 825 | 12.00 | 4.00 | 83-08301-70-1 | 83-08309-70-1 | 80 | 58.0 |
| 8 | 3.00 | T/R Compound Soft Poly | 1,700 | 1,700 | 12.00 | 4.00 | 83-08301-66-1 | 83-08309-66-1 | 80 | 48.0 |
| 10 | 3.00 | Polyurethane | 1,700 | 1,700 | 14.50 | 4.50 | 83-10301-60-1 | 83-10309-60-1 | 80 | 65.0 |
| 10 | 3.00 | Mold on Rubber | 1,000 | 1,000 | 14.50 | 4.50 | 83-10301-70-1 | 83-10309-70-1 | 80 | 55.0 |
| 10 | 3.00 | T/R Compound Soft Poly | 1,700 | 1,700 | 14.50 | 4.50 | 83-10301-66-1 | 83-10309-66-1 | 80 | 50.0 |
| 12 | 3.00 | Polyurethane | 1,500 | 1,500 | 17.00 | 5.50 | 83-12301-60-1 | 83-12309-60-1 | 80 | 65.0 |
| 12 | 3.00 | Mold on Rubber | 1,150 | 1,150 | 17.00 | 5.50 | 83-12301-70-1 | 83-12309-70-1 | 80 | 62.0 |
| 12 | 3.00 | Phenolic Resin | 1,500 | 1,500 | 17.00 | 5.50 | 83-12301-30-1 | 83-12309-30-1 | 80 | 64.0 |
| 10 | 4.00 | Polyurethane | 4,000 | 4,000 | 16.25 | 3.50 | | 93-10409-60-1 | 91 | 100.0 |
| 10 | 4.00 | Forged Steel | 4,000 | 4,000 | 16.25 | 3.50 | | 93-10409-20-1 | 91 | 110.0 |
| 10 | 5.00 | Polyurethane | 4,000 | 4,000 | 16.25 | 3.50 | | 93-10509-65-1 | 91 | 110.0 |

SUPER DUTY SHOCK ABSORBING DUAL WHEEL CASTERS




| | | | | | | | | |
|----|------|--------------|--------|-------|------|-----------------|----|-------|
| 10 | 5.00 | Polyurethane | 8,000 | 16.25 | 3.50 | 2-93-10509-65-1 | 91 | 250.0 |
| 18 | 5.00 | Polyurethane | 20,000 | 25.50 | 4.50 | 103-18509-65-1 | 91 | 400.0 |

Capacity listed is for manual operation. For powered operations, consult factory.

Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 83-12309-30-2)

Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.

All dimensions are in inches. All weights are in pounds.

| |  Top Plate Size |  Bolt Hole Spacing |  Bolt Diameter |
|-----------|--|---|---|
| STD 53 | 4.0 x 5.0 | 2.625 x 3.625 Slotted to 3.0 x 3.0 | 0.375 |
| STD 63/67 | 4.5 x 6.25 | 2.438 x 4.938 Slotted to 3.375 x 5.25 | 0.5 |
| STD 73 | 5.0 x 7.25 | 3.375 x 5.25 Slotted to 4.125 x 6.125 | 0.5 |
| STD 83 | 6.0 x 7.5 | 4.5 x 6.0 | 0.5 |
| STD 93 | 8.5 x 8.5 | 7.0 x 7.0 | 0.625 |

CASTER CONCEPTS WILL MODIFY ANY CASTER TO MEET CUSTOMER SPECIFICATIONS

Caster Concepts, Inc., 16000 E. Michigan Ave., Albion, MI 49224 (517) 629-8838 Facsimile (800) 800-0036 www.casterconcepts.com