SPRING LOADED CASTERS
CAPACITY RANGE 500-3000 LBS

141 Series
Unique polyurethane spring design is durable and corrosion resistant.

Common Applications:
- Manufacturing Plant Carts
- Aerospace / Automotive
- Specialty Toolboxes
- Ground Support Equipment
- Technology Carts
- Portable Cranes & Hoists
- Mobile Workstations
- Monitoring Carts
- Laboratory Equipment

Benefits of Spring Loaded Casters:
- Better floor and equipment protection
- Reduce operating noise
- Reduce unwanted vibration
- Increase product life expectancy

Kingpin Casters

40 Series Medium Duty
Capacity to 500 .......... 88-89

41 Series Medium Duty
Capacity to 800 .......... 90

42 Series Heavy Duty
Capacity to 800 .......... 91

44 Series Xtra Heavy Duty
Capacity to 1500 .......... 92

Kingpinless Casters

141 Series
Capacity to 1500 .......... 93

S310 Series
Capacity to 3000 .......... 94-95

S410 Series
Capacity to 3000 .......... 96-97

S610 Series
Capacity to 3000 .......... 98-99

Need Even More Capacity Or A Custom Configuration?

Excellent for Weight Carts
10,000 lbs load capacity!
You won't find this "bad boy" at just any caster source. Albion engineers and craftsmen can custom design and build a solution for even the most challenging applications.
40 Medium Duty Spring-Loaded Kingpin Casters
CAPACITY TO 500

Designated with the load in mind, 40 series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS
- Shock sensitive carts
- Aircraft jacks
- Monitoring equipment
- Material handling equipment

SWIVEL CROSS SECTION

MOUNTING OPTION

FEATURES
- Load Springs: Maximum rated capacity loads will deflect wheel approximately 3/8" (50%). Different load springs for each series permits wide variation in ride “softness.” They can be preloaded to obtain various degrees of deflection.
- Top Plate & Yoke Base: Made from 1/4" steel plate and unnotched.
- Swivel Section: Cold formed, hardened double ball bearing raceways minimize ball indentation and wear.
- Legs: 1/4" steel cold formed to increase strength and welded to the yoke base.
- King Bolt: 5/8" diameter orbitally spun steel rivet.
- Axle: 1/2" diameter hollow axle complete with lock nut. Axle is solid for 28 & 29 ball bearings.
- Wheel Seals: Nylon seal retaining/thrust washers.
- Alternate or custom caster configurations available.

RIG OPTIONS
- Neoprene sealed swivel section specify SS02.
- Hollow axle specify ZF07.
- Available with kingpinless section, consult factory.

BRAKE OPTIONS
- Single Side and Double Sided.
- Brakes available, consult factory.
- Swivel Lock available (welded), consult factory.

BEARING OPTIONS

Mold-on Rubber on Aluminum (28 Precision Ball Bearing)*

<table>
<thead>
<tr>
<th>Material on Aluminum</th>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity Load</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NP</td>
<td>5 2 500</td>
<td>8 1 1/4</td>
<td>10 1/2</td>
<td>3 3/8</td>
<td>40NP0522</td>
<td>40NP08228</td>
</tr>
<tr>
<td></td>
<td>6 2 500</td>
<td>8 1/2</td>
<td>11</td>
<td>3 3/8</td>
<td>40NP08228</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 2 500</td>
<td>10 1/2</td>
<td>13 1/2</td>
<td></td>
<td>40NP08228</td>
<td></td>
</tr>
</tbody>
</table>

Mold-on Rubber on Cast Iron (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material on Cast Iron</th>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity Load</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR</td>
<td>5 2 450</td>
<td>8 1 1/4</td>
<td>10 1/2</td>
<td>3 3/8</td>
<td>40MR05201</td>
<td>40MR08201</td>
</tr>
<tr>
<td></td>
<td>6 2 500</td>
<td>8 1/2</td>
<td>11</td>
<td>3 3/8</td>
<td>40MR08201</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 2 500</td>
<td>10 1/2</td>
<td>13 1/2</td>
<td></td>
<td>40MR08201</td>
<td></td>
</tr>
<tr>
<td>*Industrial Ball (27) bearings available. To order change “01” to other bearing code.</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Industrial Ball example: 40MR05227.</td>
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</tbody>
</table>

X-tra Soft Flat Tread (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material on Cast Iron</th>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity Load</th>
<th>Overall Height</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MH</td>
<td>5 2 500</td>
<td>8 1 1/4</td>
<td>10 1/2</td>
<td>3 3/8</td>
<td>40MH05201</td>
<td>40MH08201</td>
</tr>
<tr>
<td></td>
<td>6 2 500</td>
<td>8 1/2</td>
<td>11</td>
<td>3 3/8</td>
<td>40MH08201</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 2 500</td>
<td>10 1/2</td>
<td>13 1/2</td>
<td></td>
<td>40MH08201</td>
<td></td>
</tr>
<tr>
<td>*Industrial Ball (27) bearings available. To order change “01” to other bearing code.</td>
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<td>Industrial Ball example: 40MH05227.</td>
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</tr>
</tbody>
</table>

For swivel models add “S”, for rigid model add “R” to end of base caster number.

Note: Wheel capacities can change with each bearing type. Consult factory.

+ For swivel models add “S”, for rigid model add “R” to end of base caster number.

Continue on next page >>
Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add “PREV” to end of caster number.
Spring into safety with this clever spring loaded caster featuring SpringGuard™, which is well suited for the automotive and aviation industries. The spring is not exposed; instead it is protected by a urethane guard for additional safety.

**TYPICAL APPLICATIONS**
- Diagnostic and electrical
- Institutional and laboratory
- Medical equipment and carts
- Food processing
- Mobile workstations and storage racks
- Automotive seat racks
- Ground support equipment
- Packaging equipment
- Specialty toolboxes
- Tilt carts

**FEATURES**
- **Load Springs:** Springs are encapsulated and protected by a urethane SpringGuard™ for added safety, plus noise and vibration reduction.
- **Swivel Section:** Fully heat treated double ball raceway construction, extends the life of the caster.
- **Swivel Lead:** Longer swivel lead allows the caster to index quicker into in-line position for easier movement.
- **Top Plate & Yoke Base:** Top plate and legs are made from ¼" thick cold formed steel.

**RIG OPTIONS**
- **Hollow axle specify ZF07**

**BRAKE OPTIONS**
- Consult Factory

**BEARING OPTION**
- **Precision Ball (28)**

**Spring Deflection Curve**
Linear deflection curve demonstrates consistent smooth spring action with loads from 100 lbs. to 1200 lbs.

**TYPICAL APPLICATIONS**
- Diagnostic and electrical
- Institutional and laboratory
- Medical equipment and carts
- Food processing
- Mobile workstations and storage racks
- Automotive seat racks
- Ground support equipment
- Packaging equipment
- Specialty toolboxes
- Tilt carts

**FEATURES**
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- **Swivel Section:** Fully heat treated double ball raceway construction, extends the life of the caster.
- **Swivel Lead:** Longer swivel lead allows the caster to index quicker into in-line position for easier movement.
- **Top Plate & Yoke Base:** Top plate and legs are made from ¼" thick cold formed steel.

**RIG OPTIONS**
- **Hollow axle specify ZF07**

**BRAKE OPTIONS**
- Consult Factory

**BEARING OPTION**
- **Precision Ball (28)**

**Spring Deflection Curve**
Linear deflection curve demonstrates consistent smooth spring action with loads from 100 lbs. to 1200 lbs.
Heavy Duty Spring-Loaded Kingpin Casters
CAPACITY TO 800

TYPICAL APPLICATIONS
• Shock sensitive carts
• Aircraft jacks
• Monitoring equipment
• Material handling equipment
• Computer equipment

Designed with greater load capacity than our 40 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS

• Shock sensitive carts
• Aircraft jacks
• Monitoring equipment
• Material handling equipment
• Computer equipment

MOUNTING OPTION

SWIVEL CROSS SECTION

For swivel models add “S”, for rigid model add “R” to end of base caster number.

Moldon Rubber on Cast Iron (07 Roller Bearing)*

<table>
<thead>
<tr>
<th>Type</th>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR</td>
<td>8</td>
<td>2 1/2</td>
<td>800</td>
<td>11 1/2</td>
<td>2 1/4</td>
<td>22 1/2</td>
<td>42MR08407</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>2 1/2</td>
<td>800</td>
<td>13 1/2</td>
<td>2 1/4</td>
<td>26 1/2</td>
<td>42MR10407</td>
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</table>

Pneumatic (28 Precision Ball Bearing)

<table>
<thead>
<tr>
<th>Type</th>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF</td>
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<td>2 10/16</td>
<td>295</td>
<td>11 1/2</td>
<td>2 1/4</td>
<td>19 1/4</td>
<td>42SF08528</td>
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<td></td>
<td>10</td>
<td>4 10/16</td>
<td>350</td>
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<td>2 1/4</td>
<td>21</td>
<td>42SF10628</td>
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Polyurethane on Cast Iron (07 Roller Bearing)*

<table>
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<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PY</td>
<td>8</td>
<td>2 1/2</td>
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<td>2 1/4</td>
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<td>800</td>
<td>13 1/2</td>
<td>2 1/4</td>
<td>21 1/4</td>
<td>42PY10407</td>
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Vulkollan on Iron (07 Roller Bearing)

<table>
<thead>
<tr>
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<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
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</thead>
<tbody>
<tr>
<td>VY</td>
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<td>2 1/2</td>
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<td>2 1/4</td>
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<tr>
<td></td>
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<td>2 1/2</td>
<td>800</td>
<td>13 1/2</td>
<td>2 1/4</td>
<td>21 1/4</td>
<td>42VY10407</td>
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</tbody>
</table>

Phenolic (07 Roller Bearing)*

<table>
<thead>
<tr>
<th>Type</th>
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<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM</td>
<td>8</td>
<td>2 1/2</td>
<td>800</td>
<td>11 1/2</td>
<td>2 1/4</td>
<td>23</td>
<td>42TM08407</td>
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<td></td>
<td>10</td>
<td>2 1/2</td>
<td>800</td>
<td>13 1/2</td>
<td>2 1/4</td>
<td>21 1/4</td>
<td>42TM10407</td>
</tr>
</tbody>
</table>

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

<table>
<thead>
<tr>
<th>Type</th>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Approx. Wt.</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NX</td>
<td>8</td>
<td>2 1/2</td>
<td>800</td>
<td>13 1/2</td>
<td>2 1/4</td>
<td>21 1/4</td>
<td>42NX08428</td>
</tr>
</tbody>
</table>

FEATURES
• Load Springs: Maximum rated capacity loads will deflect wheel approximately 5/8” (50%). Different load springs for each series permits wide variation in ride “softness.” They can be preloaded to obtain various degrees of deflection Top
• Top Plate & Yoke Base: AISI 1045 drop forged steel for extended service life
• Swivel Section: Double ball bearing with coined “deep-groove” load and machined thrust raceways provide optimal performance under extreme loads
• Legs: 1/4” steel, formed to increase strength
• King Bolt: 3/4” diameter heat treated bolt and nut for enhanced shock load capacity
• Axle: 1/2” diameter hollow axle with lock nut for easy lubrication of wheels with straight roller bearing. Solid axle for 28 ball bearing
• Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle
• Alternate or custom caster configurations available

RIG OPTIONS
• Neoprene sealed swivel section specify SS05
• Available with kingpinless section, consult factory

BRAKE OPTIONS
Single Side and Double Sided Brakes available, consult factory
Swivel Lock available (welded), consult factory

To order change “07” to other bearing code.

Example: 42PY08407.

*For swivel models add “S”, for rigid model add “R” to end of base caster number.

* Tapered Roller (09) bearing available.

For alternate or custom caster configurations available, consult factory.
Prepared with greater load capacity than our 40, 41, and 42 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampering effect of these casters.

**TYPICAL APPLICATIONS**
- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

**BEARING OPTIONS**
- Polyurethane on Cast Iron (01 Roller Bearing)*
- Pneumatic (01 Roller Bearing)*
- Polyurethane on Aluminum (Flat Tread) (28 Precision Ball Bearing)*
- Trionix™ High Impact Polymer (28 Precision Ball Bearing)*
- X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

**RIG OPTIONS**
- Neoprene sealed swivel section specify SS07
- Lubrication: Zerk fitting in swivel section and in wheel hub for extended bearing life
- Available with kingpinless section, consult factory
- Alternate or custom caster configurations available

** BRAKE OPTIONS**
- Single Side and Double Sided Brakes available, consult factory
- Swivel Lock available (welded), consult factory

**FEATURES**
- Load Springs: Maximum rated capacity loads will deflect wheel approximately 3/4". Different load springs permit wide variation in ride “softness.” They can be preloaded to obtain various degrees of deflection
- Swivel Top Plate: AISI 1045 drop forged steel for strength & reliability
- Yoke Base: AISI 1045 drop forged steel with machined swivel section protects from extreme wear and greater capacity
- Swivel Section: Swivel load bearing is 4" diameter deep grooved load raceway with 1/2" steel balls and the thrust race is 2-5/8" diameter using 3/8" diameter steel balls for maximum performance under extreme loads
- Legs: 3/8" steel plate, welded inside and out to the yoke base to handle side impacts
- King Bolt: 1" diameter bolt and nut heat-treated for maximum performance
- Axle: 3/4" diameter solid axle with lock nut

**MOUNTING OPTION**
- Swivel: 5 1/4" Rigid: 5" 1/2" Attaching Bolt 3 1/8" 4 1/8"
- Swivel: 5 1/4" Rigid: 5" 3/16" 6 1/6"

**TYPICAL APPLICATIONS**
- For swivel models add "S", for rigid model add "R" to end of base caster number.

<table>
<thead>
<tr>
<th>Molded Rubber on Cast Iron (01 Roller Bearing)*</th>
<th>Pneumatic (01 Roller Bearing)*</th>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>MR</td>
<td>10</td>
<td>3</td>
<td>1000</td>
</tr>
<tr>
<td>12</td>
<td>3</td>
<td>1200</td>
<td>15 1/2</td>
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<tr>
<td>*Tapered Roller (09) bearing available.</td>
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</tbody>
</table>

To order change “01” to other bearing code. Example: 44MR10501.

<table>
<thead>
<tr>
<th>Pneumatic (01 Roller Bearing)*</th>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF</td>
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<td>4.10/6</td>
</tr>
<tr>
<td>14</td>
<td>5.30/6</td>
<td>785</td>
</tr>
<tr>
<td>16</td>
<td>4.80/6</td>
<td>1000</td>
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<tr>
<td>*Tapered Roller (09) bearing available.</td>
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</tbody>
</table>

To order change “01” to other bearing code. Example: 44SF12701.

<table>
<thead>
<tr>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>PY</td>
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<tr>
<td>12</td>
<td>3</td>
</tr>
<tr>
<td>*Tapered Roller (09) bearing available.</td>
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</tbody>
</table>

To order change “01” to other bearing code. Example: 44PY10501.

<table>
<thead>
<tr>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
<th>Polyurethane on Cast Iron (01 Roller Bearing)*</th>
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</thead>
<tbody>
<tr>
<td>PY 80A</td>
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<td>12</td>
<td>3</td>
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<tr>
<td>*Tapered Roller (09) bearing available.</td>
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</tbody>
</table>

To order change “01” to other bearing code. Example: 44PY1050180A.

**Bearing Options**
- Straight Roller (01) Tapered Roller (09) Precision Ball (28)

**Vulkollan on Cast Iron (01 Roller Bearing)***
- 44VY10501 44VY12501
- *Tapered Roller (09) bearing available.

To order change “01” to other bearing code. Example: 44VY10501.

**X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)***
- 44XP10501
- *Tapered Roller (09) and Precision Ball (28) bearings available.

To order change “01” to other bearing code. Example: 44XP10501.

**Trionix™ High Impact Polymer (28 Precision Ball Bearing)***
- 44NX10501
- *Tapered Roller (09) bearing available.

To order change “01” to other bearing code. Example: 44NX10501.

**Polyurethane on Aluminum (Flat Tread) (28 Precision Ball Bearing)***
- 44PD10501
- *Tapered Roller (09) bearing available.

To order change “01” to other bearing code. Example: 44PD10501.
This poly spring caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment and automotive industries. 141 series are equally at home in other extremely abusive and rugged applications.

**TYPICAL APPLICATIONS**
- Aircraft tripod jacks
- Portable medical equipment, computer equipment
- Any shock sensitive load
- Automotive seat racks
- Tilt carts
- Heavy duty toolboxes

**SWIVEL CROSS SECTION**

**FEATURES**
- Protects cargo from damaging shocks and unwanted vibration
- Unique polyurethane spring design is durable and corrosion resistant
- Solid spring material features no spring coil where debris can jam spring action
- Yellow Dichromate finish is attractive and features better corrosion resistance compared to zinc plating
- Quiet rolling, rugged kingpinless caster rig
- 5", 6" and 8" wheel diameters available to meet overall load height and application requirements
- Longer swivel lead allows the caster to index quicker into in-line position for easier movement

**BRAKE OPTIONS**
6" and 8" only. Specify B to order, add brake code below to end of model. Example: 141AX06228SB

**BEARING OPTIONS**
(28) Precision Ball

**SWIVEL LOCK OPTIONS**
Hand operated field installable swivel lock order SL160000 separately. For optional PATK plate use model SL160000K

**MOUNTING OPTION**

**SPRING DEFLECTIONS**
Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 800 lbs.

**Drive lasting results with CG-MAX EFFICIENCY WHEEL™**
- Our most advanced polyurethane wheel
- ANSI:J59M tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant

Visit albioncasters.com/CG-MAX for additional information and CAD models.
### Polyurethane Models

**CG-MAX Efficiency Wheel™ Orange Round Polyurethane on Aluminum**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>1000</td>
<td>7½</td>
<td>3</td>
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<td>2</td>
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<td>3</td>
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<td>8</td>
<td>2</td>
<td>1500</td>
<td>10½</td>
<td>3</td>
<td>141AN08228S</td>
</tr>
</tbody>
</table>

**New**

85 Shore A

Learn more on previous page

**CG-MAX Efficiency Wheel™ Maroon Round Polyurethane on Aluminum**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>1000</td>
<td>7½</td>
<td>3</td>
<td>141AX05228S</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>1250</td>
<td>8</td>
<td>3</td>
<td>141AX06228S</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>1500</td>
<td>10½</td>
<td>3</td>
<td>141AX08228S</td>
</tr>
</tbody>
</table>

New

85 Shore A

Learn more on previous page

**Green Polyurethane Round Tread on Aluminum**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>1000</td>
<td>7½</td>
<td>3</td>
<td>141PM05228S</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>1250</td>
<td>8</td>
<td>3</td>
<td>141PM06228S</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>1500</td>
<td>10½</td>
<td>3</td>
<td>141PM08228S</td>
</tr>
</tbody>
</table>

95 Shore A

Learn more on previous page

**Butterscotch Polyurethane Round Tread on Aluminum**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>1000</td>
<td>7½</td>
<td>3</td>
<td>141PM8005228S</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>1250</td>
<td>8</td>
<td>3</td>
<td>141PM8006228S</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>1500</td>
<td>10½</td>
<td>3</td>
<td>141PM8008228S</td>
</tr>
</tbody>
</table>

80 Shore A

Learn more on previous page

**Polyurethane Models (Continued)**

**Yellow Polyurethane on Heavy Duty Cast Iron**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>1000</td>
<td>7½</td>
<td>3</td>
<td>141PF05228S</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>1250</td>
<td>8</td>
<td>3</td>
<td>141PF06228S</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>1500</td>
<td>10½</td>
<td>3</td>
<td>141PF08228S</td>
</tr>
</tbody>
</table>

**Rubber Models**

**X-tra Soft Rubber Flat Tread on Polypropylene**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>500</td>
<td>7½</td>
<td>3</td>
<td>141XS05228S</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>600</td>
<td>8</td>
<td>3</td>
<td>141XS06228S</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>675</td>
<td>10½</td>
<td>3</td>
<td>141XS08228S</td>
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</tbody>
</table>

**X-tra Soft Rubber Round Tread on Polypropylene**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2</td>
<td>450</td>
<td>8</td>
<td>3</td>
<td>141XR06228S</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>600</td>
<td>10½</td>
<td>3</td>
<td>141XR08228S</td>
</tr>
</tbody>
</table>

**Magnum Polyurethane Round Tread on Aluminum**

<table>
<thead>
<tr>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2</td>
<td>750</td>
<td>8</td>
<td>3</td>
<td>141UA06228S</td>
</tr>
<tr>
<td>8</td>
<td>2</td>
<td>900</td>
<td>10½</td>
<td>3</td>
<td>141UA08228S</td>
</tr>
</tbody>
</table>

**Base Swivel Caster Number**

For rigid models change “S” to “R” at end of base caster number.

141 Series Wheel Selection Hints

CG-MAX PM UA PF

Polyurethane

- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses

CB-MAX Efficiency Wheel™

New CG-MAX EFFICIENCY wheels feature a unique polyurethane blend that is more debris resistant compared to other polyurethane wheels

XS XR

Rubber/Pneumatic Style

- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Debris rejection

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement.
**S310** Contender
Spring Loaded Kingpinless Casters
CAPACITY TO 3000

**FEATURES**
- **Load Springs**: Protect from damaging shocks and reduce noise levels through the dampening effect of the springs.
- **Top Plate**: 5/16" AISI 1045 heat treated steel welded inside and out for longer life.
- **Swivel Section**: One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section.
- **Yoke Base**: Notched AISI 1045 heat treated steel.
- **Legs**: welded inside and out.
- **Axle**: 3/4" diameter.
- **Finish**: Zinc plating.
- **Alternate or custom caster configurations available**.

**RIG OPTIONS**
- For non-spring loaded versions, see S310 Series on pages 48-49.
- S310 Optional Plates also available, consult factory.

**TYPICAL APPLICATIONS**
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

**MTUING OPTIONS**

**MOUNTING OPTIONS**

**Standard Plate**

**Special Order Plates**

Optional (PATD)

Optional (PATP)

**Swivel Cross Section**

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

**Tapered Roller (09) bearings available. To order change “01” to “09”.

Example: S310PY10409.

**Mold-on Polyurethane on Aluminum (01 Roller Bearing)**

<table>
<thead>
<tr>
<th>PD</th>
<th>8</th>
<th>2 1/2</th>
<th>2010</th>
<th>11 3/8</th>
<th>4 7/8</th>
<th>S310PD08401</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>3</td>
<td>2520</td>
<td>11 3/8</td>
<td>4 7/8</td>
<td>S310PD03509</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>2 1/2</td>
<td>2370</td>
<td>14</td>
<td>4 7/8</td>
<td>S310PD10401</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>14</td>
<td>4 7/8</td>
<td>S310PD10509</td>
<td></td>
</tr>
</tbody>
</table>

Standard durability 60 Shore D. Other durometers available.

*Roller (01) bearings available. To order change “01” to “09”.
Example: S310PD01049.

**Polyurethane on Cast Iron (09 Tapered Roller Bearing)**

<table>
<thead>
<tr>
<th>PY</th>
<th>6</th>
<th>2 1/2</th>
<th>1600</th>
<th>10 3/8</th>
<th>4 7/8</th>
<th>S310PY06409</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>3</td>
<td>2000</td>
<td>11 3/8</td>
<td>4 7/8</td>
<td>S310PY03509</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>2 1/2</td>
<td>2000</td>
<td>11 3/8</td>
<td>4 7/8</td>
<td>S310PY08409</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>3</td>
<td>2500</td>
<td>11 3/8</td>
<td>4 7/8</td>
<td>S310PY08509</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>2 1/2</td>
<td>2300</td>
<td>14</td>
<td>4 7/8</td>
<td>S310PY10409</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>14</td>
<td>4 7/8</td>
<td>S310PY10509</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>2 1/2</td>
<td>2700</td>
<td>15</td>
<td>5 1/16</td>
<td>S310PY12409</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>3</td>
<td>3000</td>
<td>16</td>
<td>5 1/16</td>
<td>S310PY12509</td>
<td></td>
</tr>
</tbody>
</table>

*Roller (01) bearings available. To order change “01” to “09”.
Example: S310PY01049.

80A Durometer available, add “80A” to end of caster number.
80A capacity reduced by approximately 20%.
Swivel example: S310PY064080A.
For 70D consult factory.

**Thick Tread Polyurethane on Cast Iron (09 Tapered Roller Bearing)**

<table>
<thead>
<tr>
<th>PX</th>
<th>6</th>
<th>3</th>
<th>2250</th>
<th>10 3/8</th>
<th>4 7/8</th>
<th>S310PX06509</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>3</td>
<td>2780</td>
<td>11 3/8</td>
<td>4 7/8</td>
<td>S310PX08509</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>2 1/2</td>
<td>2600</td>
<td>14</td>
<td>4 7/8</td>
<td>S310PX10409</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>14</td>
<td>4 7/8</td>
<td>S310PX10509</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>3</td>
<td>3000</td>
<td>16</td>
<td>5 1/16</td>
<td>S310PX12509</td>
<td></td>
</tr>
</tbody>
</table>

Standard durability 95 Shore A. Other durometers available.

*Roller (01) bearings available. To order change “01” to “09”.
Example: S310PX01049.

*Attaching 7 1/4" bolt.
*Attaching 5 1/4" bolt.
*Attaching 6 1/4" bolt.
*Attaching 4 1/2" bolt.
*Attaching 5 1/4" bolt.
*Attaching 6 1/4" bolt.
*Attaching 4 1/2" bolt.

**SWIVEL CROSS SECTION**

+ For swivel models add "S", for rigid model add "R" to end of base caster number.

**Swivel example:** S310PY06409

**For 70D consult factory.**

**For non-spring loaded versions, see S310 Series on pages 48-49.**

**S310 Optional Plates also available, consult factory.**

**Designated from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength. Great capacity and shock protection. Noise levels are reduced through the dampening effect of these casters. Capacities listed at 50% of wheel deflection (21/32”). Total wheel deflection is 1-5/16".**

**TYPICAL APPLICATIONS**
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

**Continued on next page >>**

**Premium Quality**

**Environmentally Friendly**

**Towing**

Consult factory prior to ordering to ensure selection supports your towing requirement.
### Aubin Industries Swivel-EAZ® Crown Tread (28 Prec. Ball Bearing)

<table>
<thead>
<tr>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>3 1/4</td>
<td>10 1/8</td>
<td>4 1/3</td>
<td>S310EY06528</td>
</tr>
<tr>
<td>8</td>
<td>3 1/4</td>
<td>10 1/8</td>
<td>4 1/3</td>
<td>S310EY10528</td>
</tr>
</tbody>
</table>

Standard durometer 95 Shore A. Other durometers available.

### Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)

<table>
<thead>
<tr>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>3 1/4</td>
<td>10 1/8</td>
<td>4 1/3</td>
<td>S310EZ06528</td>
</tr>
<tr>
<td>8</td>
<td>3 1/4</td>
<td>10 1/8</td>
<td>4 1/3</td>
<td>S310EZ10528</td>
</tr>
</tbody>
</table>

Standard durometer 95 Shore A. Other durometers available.

### Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*

<table>
<thead>
<tr>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2 1/2</td>
<td>2600</td>
<td>11 1/4</td>
<td>S310PF08528</td>
</tr>
<tr>
<td>8</td>
<td>2 1/2</td>
<td>2600</td>
<td>11 1/4</td>
<td>S310PF10528</td>
</tr>
<tr>
<td>8</td>
<td>3 1/2</td>
<td>2600</td>
<td>11 1/4</td>
<td>S310PF12528</td>
</tr>
</tbody>
</table>

95 Shore A

*Tapered Roller (09) bearings available.

To order change “28” to “09”. Example: S310PF10509.

### Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

<table>
<thead>
<tr>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2 1/2</td>
<td>2350</td>
<td>10 1/4</td>
<td>S310VY06509</td>
</tr>
<tr>
<td>8</td>
<td>2 1/2</td>
<td>2350</td>
<td>10 1/4</td>
<td>S310VY08509</td>
</tr>
<tr>
<td>8</td>
<td>3 1/2</td>
<td>2350</td>
<td>10 1/4</td>
<td>S310VY10509</td>
</tr>
</tbody>
</table>

*Roller (01) bearings available. To order change “09” to “01”. Example: S310VY10509.

### Thick Tread Vulkollan on Cast Iron (09 Tapered Roller Bearing)**

<table>
<thead>
<tr>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>3 1/2</td>
<td>3000</td>
<td>11 1/4</td>
<td>S310VX06509</td>
</tr>
<tr>
<td>8</td>
<td>3 1/2</td>
<td>3000</td>
<td>11 1/4</td>
<td>S310VX08509</td>
</tr>
<tr>
<td>8</td>
<td>3 1/2</td>
<td>3000</td>
<td>11 1/4</td>
<td>S310VX10509</td>
</tr>
</tbody>
</table>

*Roller (01) bearings available. To order change “09” to “01”. Example: S310VX10509.

### X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

<table>
<thead>
<tr>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2 1/2</td>
<td>2000</td>
<td>11 1/4</td>
<td>S310XP08528</td>
</tr>
<tr>
<td>8</td>
<td>2 1/2</td>
<td>2000</td>
<td>11 1/4</td>
<td>S310XP10528</td>
</tr>
</tbody>
</table>

80 Shore A

### Phenolic (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number*</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>2 1/2</td>
<td>1600</td>
<td>10 1/4</td>
<td>S310TM06501</td>
</tr>
<tr>
<td>6</td>
<td>3 1/2</td>
<td>2000</td>
<td>11 1/4</td>
<td>S310TM08501</td>
</tr>
</tbody>
</table>

*Tapered Roller (09) bearings available. To order change “01” to “09”. Example: S310TM10501.
The S410 Series is a line of spring loaded kingpinless casters designed for environmentally friendly towing. The casters are made from high-quality materials, including heat-treated AISI 1045 stamped steel and zinc plating, which provides greater corrosion resistance and greater capacity. Swivel models are available with optional plates and 60 Shore D swivel section. For non-spring loaded versions, see the 410 Series on pages 50-51.

**Features**
- **Load Springs**: Protect from damaging shocks and reduce noise levels through the dampening effect of the springs.
- **Top Plate**: 3/8”, AISI 1045 heat treated steel welded inside and out for longer life.
- **Swivel Section**: One row of 1/2” ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section.
- **Yoke Base**: Notched AISI 1045 heat treated steel.
- **Legs**: welded inside and out.
- **Axle**: 3/4” diameter.
- **Finish**: Zinc plating.
- **Alternate or custom caster configurations available**.

**Rig Options**
- For non-spring loaded versions, see the 410 Series on pages 50-51.
- S410 optional plates also available; consult factory.

**Brake Options**
- Consult factory.

**Mounting Options**
- Standard Plate
- Special Order Plates

**Swivel Cross Section**
- For swivel models add “S”, for rigid model add “R” to end of base caster number.

They are suitable for a variety of applications such as:
- Conveyor drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation ground support
- Aircraft tripod jacks
- Shock sensitive loads

**Capacities**
- Tapered roller (09) bearings available. To order change “01” to “09”. Standard durometer 60 Shore D. Other durometers available.
- Capacity increased by approximately 20%.

**Swivel Lead**
- RPMs available; consult factory.

**Mold-On Polyurethane on Aluminum (01 Roller Bearing)**
- Example: S410PY010409.

**Mold-On Polyurethane on Cast Iron (09 Roller Bearing)**
- Example: S410PY091409.

**Thick Tread Polyurethane on Cast Iron (09 Roller Bearing)**
- Example: S410PX091409.
Aubin Industries Swivel-EAZ® Crown Tread (28 Prec. Ball Bearing)

**EY**
- 6: 3 2137 10/7s 47s S410EY06528
- 8: 3 3000 11/7s 47s S410EY08528
- Standard durometer 95 Shore A. Other durometers available.

Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)

**EZ**
- 6: 3 2850 10/7s 47s S410EZ06528
- 8: 3 3000 11/7s 47s S410EZ08528
- 10: 3 3000 14 47s S410EZ10528
- Standard durometer 95 Shore A. Other durometers available.

Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*

**PF**
- 6: 2½ 2900 10/7s 47s S410PF06428
- 8: 2½ 3000 11/7s 47s S410PF08428
- 8: 3 3000 11/7s 47s S410PF08528
- 10: 3 3000 14 47s S410PF10528
- 95 Shore A

Polyurethane Reactive on Iron (28 Precision Ball Bearing)*

**PR**
- 10: 3 2400 14 47s S410PR10528
- 12: 3 2800 16 51½/16 S410PR12528
- 80 Shore A

Vulkollan on Cast Iron (09 Tapered Roller Bearing)**

**VY**
- 6: 2½ 2350 10/7s 47s S410VY06409
- 8: 2½ 2900 11/7s 47s S410VY08409
- 8: 3 3000 11/7s 47s S410VY08509
- 10: 3 3000 14 47s S410VY10509
- *Roller (01) bearings available. To order change "09" to "01". Example: S410VY10509.

Thick Tread Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

**VX**
- 6: 3 3000 10/7s 47s S410VX06509
- 8: 3 3000 11/7s 47s S410VX08509
- 10: 3 3000 14 47s S410VX10509
- *Roller (01) bearings available. To order change "09" to "01". Example: S410VX10509.

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

**XP**
- 8: 2½ 2000 11/7s 47s S410XP08528
- 8: 3 2000 11/7s 47s S410XP08528
- 10: 2½ 2500 14 47s S410XP10528
- 10: 3 2500 14 47s S410XP10528

Phenolic (01 Roller Bearing)*

**TM**
- 6: 2½ 1600 10/7s 47s S410TM06501
- 6: 3 2000 10/7s 47s S410TM06501
- 8: 2½ 2000 11/7s 47s S410TM08501
- 8: 3 2500 11/7s 47s S410TM08501
- 10: 2½ 2500 14 47s S410TM10501
- 10: 3 2900 14 47s S410TM10501
- 12: 2½ 3000 16 51½/16 S410TM12501
- 12: 3 3000 16 51½/16 S410TM12501
- *Tapered Roller (09) bearings available. To order change "01" to "09". Example: S410TM10509.
Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters. Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32”). Total wheel deflection is 1-5/16”.

### Features
- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 1/2” AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** 3/4” ball bearings mounted in a 4-3/8” precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **Legs:** 3/8” thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 2-1/2” and 3” tread width wheels feature a 3/4” axle, 3-1/2” and 4” tread width wheels feature a 1” axle
- **Alternate or custom caster configurations available**

### Rig Options
- For non-spring loaded versions, see 610 Series on pages 52-53
- S410 optional plates also available; consult factory

### Brake Options
Consult factory

---

**Wheel Diameter**

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Tread Width</th>
<th>Capacity</th>
<th>Overall Height</th>
<th>Swivel Lead</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/2</td>
<td>1000</td>
<td>1000</td>
<td>5/8</td>
<td>8</td>
<td>S610MR060509</td>
</tr>
<tr>
<td>3</td>
<td>1300</td>
<td>1300</td>
<td>5/8</td>
<td>8</td>
<td>S610MR060509</td>
</tr>
<tr>
<td>4</td>
<td>1800</td>
<td>1800</td>
<td>5/8</td>
<td>10</td>
<td>S610MR100509</td>
</tr>
</tbody>
</table>

**Kingpinless Casters**

Example: S610MR060509

---

**Polyurethane on Cast Iron (09 Tapered Roller Bearing)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Wheel Diameter (Inches)</th>
<th>Tread Width (Inches)</th>
<th>Capacity (Lbs)</th>
<th>Overall Height (Inches)</th>
<th>Swivel Lead (Inches)</th>
<th>Base Caster Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>S610PY060509</td>
<td>2 1/2</td>
<td>1000</td>
<td>1000</td>
<td>5/8</td>
<td>8</td>
<td>S610PY060509</td>
</tr>
<tr>
<td>S610PY060509</td>
<td>3</td>
<td>1300</td>
<td>1300</td>
<td>5/8</td>
<td>8</td>
<td>S610PY060509</td>
</tr>
<tr>
<td>S610PY060509</td>
<td>4</td>
<td>1800</td>
<td>1800</td>
<td>5/8</td>
<td>10</td>
<td>S610PY100509</td>
</tr>
</tbody>
</table>

---

**Polyurethane on Aluminum (01 Roller Bearing)**

Example: S610PD08401

---

**Mold-on Polyurethane on Cast Iron (09 Tapered Roller Bearing)**

Example: S610MR060509

---

**Thick Tread Polyurethane (09 Tapered Roller Bearing)**

Example: S610PX100509

---

*Roller (01) bearings available. To order change “09” to “01”. Example: S610PX060509

*Roller (01) bearings available. To order change “09” to “01”. Example: S610PY060509

*Roller (01) bearings available. To order change “09” to “01”. Example: S610PY060509

---

**Aircraft Tripod Jacks**

**Aviation Ground Support**

**Chassis rack carts**

---

**MOUNTING OPTION**

**SWIVEL CROSS SECTION**

---

* Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

---

**Continue on next page >>**
### Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF</td>
<td>6</td>
<td>2 1/2</td>
<td>2900</td>
<td>8 3 2000</td>
</tr>
<tr>
<td></td>
<td>8</td>
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<td>3000</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
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</table>

*To order change “01” to “09”. Example: S610PF06428

### Polyurethane Reactive on Iron (28 Precision Ball Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PR</td>
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<td>3</td>
<td>2400</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>3</td>
<td>2800</td>
<td>8 3 3000</td>
</tr>
</tbody>
</table>

*To order change “09” to “01”. Example: S610PR10528

### Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VY</td>
<td>6</td>
<td>2 1/2</td>
<td>2350</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>2 1/2</td>
<td>2900</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
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</tbody>
</table>

*Roller (01) bearings available.

### Thick Tread Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VX</td>
<td>6</td>
<td>3</td>
<td>3000</td>
<td>6</td>
</tr>
<tr>
<td></td>
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<td>3</td>
<td>3000</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

*Roller (01) bearings available.

### X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>XP</td>
<td>8</td>
<td>2 1/2</td>
<td>2000</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>3</td>
<td>2000</td>
<td>8 3 3000</td>
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<tr>
<td></td>
<td>10</td>
<td>2 1/2</td>
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<td>10 2 2500</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>2500</td>
<td>10 3 2500</td>
</tr>
</tbody>
</table>

### Phenolic (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TM</td>
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<td>2 1/2</td>
<td>1600</td>
<td>6</td>
</tr>
<tr>
<td></td>
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<td>8 3 2000</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>3</td>
<td>2500</td>
<td>8 3 2500</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>2 1/2</td>
<td>2500</td>
<td>10 2 2500</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>2900</td>
<td>10 3 2900</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>2 1/2</td>
<td>3000</td>
<td>12 2 3000</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>3</td>
<td>3000</td>
<td>12 3 3000</td>
</tr>
</tbody>
</table>

*Tapered Roller (09) bearings available.

---

### Trionix™ High Impact Polymer (28 Precision Ball Bearing)

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NX</td>
<td>6</td>
<td>2 1/2</td>
<td>3000</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>2 1/2</td>
<td>3000</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

### Cast Iron (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA</td>
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<td>2 1/2</td>
<td>2300</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>2 1/2</td>
<td>3000</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

*To order change “01” to “09”. Example: S610CA06401

### V-Groove Cast Iron (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VG/VF</td>
<td>6</td>
<td>2 1/2</td>
<td>2500</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>2 1/2</td>
<td>3000</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

*To order change “01” to “09”. Example: S610VG06401

### V-Groove Drop Forged Steel (01 Roller Bearing)

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS</td>
<td>6</td>
<td>2 1/2</td>
<td>3000</td>
<td>6 3 3000</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>3</td>
<td>3000</td>
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</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

*To order change “01” to “09”. Example: S610FS06401

### Drop Forged Steel (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR</td>
<td>6</td>
<td>2 1/2</td>
<td>3000</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>3</td>
<td>3000</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

*To order change “01” to “09”. Example: S610FR06401

### Ductile Iron Crowned Tread (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FM</td>
<td>6</td>
<td>2 1/2</td>
<td>3000</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>3</td>
<td>3000</td>
<td>8 3 3000</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

*To order change “01” to “09”. Example: S610FM06401

### Ductile Iron Flat Tread (01 Roller Bearing)*

<table>
<thead>
<tr>
<th>Material</th>
<th>Width (in)</th>
<th>Diameter (in)</th>
<th>Height (in)</th>
<th>Weight (lb)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM</td>
<td>6</td>
<td>2 1/2</td>
<td>3000</td>
<td>6</td>
</tr>
<tr>
<td></td>
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<td>3</td>
<td>3000</td>
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</tr>
<tr>
<td></td>
<td>10</td>
<td>3</td>
<td>3000</td>
<td>10 3 3000</td>
</tr>
</tbody>
</table>

*To order change “01” to “09”. Example: S610VM06401

---

*For swivel models add “S”*, for rigid models add “R”** to end of base caster number.

For swivel models add “S”*, for rigid models add “R”** to end of base caster number.

For swivel models add “S”*, for rigid models add “R”** to end of base caster number.

For swivel models add “S”*, for rigid models add “R”** to end of base caster number.