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

### MOUNTING OPTION

<table>
<thead>
<tr>
<th>4½&quot;</th>
<th>3/8&quot; Attaching Bolt</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½&quot;</td>
<td>3½&quot;</td>
</tr>
</tbody>
</table>

### Optional (PATK)

- 4½" | 2½" |
- 3½" | 3½" |

### SWIVEL CROSS SECTION

The 141’s unique polyurethane spring design is quiet, durable and corrosion resistant.

### SPRING DEFLECTIONS

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

### 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

### SPRING LOADED

Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

### Drive lasting results with CG-MAX EFFICIENCY WHEEL™

- Our most advanced polyurethane wheel
- ANSI:ICWM 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 abioncasters.com/CG-MAX for additional information and CAD models.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement
POLYURETHANE MODELS

**CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum**

<table>
<thead>
<tr>
<th>Size</th>
<th>Wheel Diameter</th>
<th>Tread Width</th>
<th>Capacity (Lbs)</th>
<th>Overall Height</th>
<th>Base Caster Number</th>
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</thead>
<tbody>
<tr>
<td>5</td>
<td>2</td>
<td>1000</td>
<td>7 1/2</td>
<td>3</td>
<td>141AN05228S</td>
</tr>
<tr>
<td>6</td>
<td>2</td>
<td>1250</td>
<td>8</td>
<td>3</td>
<td>141AN06228S</td>
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<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**

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**New**

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**Green Polyurethane Round Tread on Aluminum**

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**Butterscotch Polyurethane Round Tread on Aluminum**

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**CG-MAX EFFICIENCY WHEEL™**

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

**141 Series Wheel Selection Hints**

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

**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