

141

Kingpinless Contender Poly Spring Casters

CAPACITY TO 1500

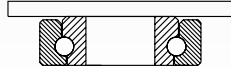


This poly spring caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment and automotive industries. 141 series are equally at home in other extremely abusive and rugged applications.

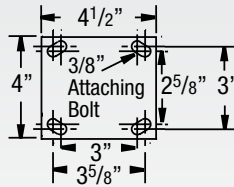
TYPICAL APPLICATIONS

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

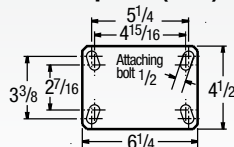
SWIVEL CROSS SECTION



MOUNTING OPTION



Optional (PATK)



Quiet



Premium Quality



Towing[^]

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

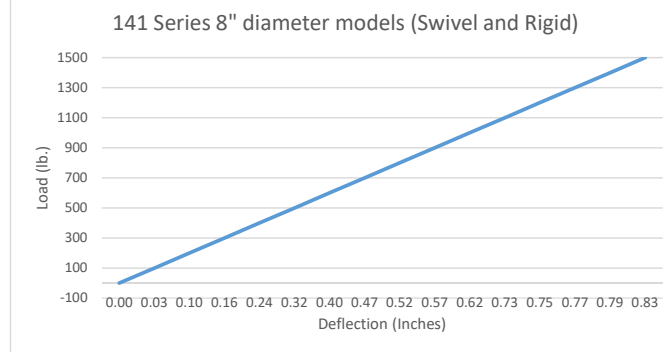
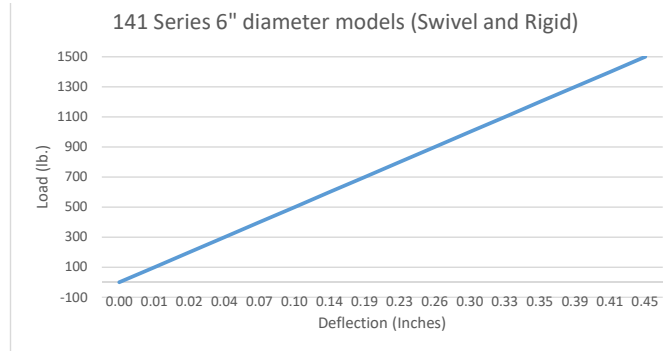
Hand operated field installable swivel lock order **SL160000** separately. For optional PATK plate use model **SL160000K**



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.



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™



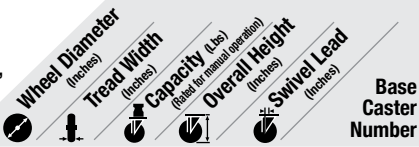
- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant



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

[^]Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

| AN | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|------------|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| New | 5 | 2 | 1000 | 7 1/2 | 3 | 141AN05228S |
| | 6 | 2 | 1250 | 8 | 3 | 141AN06228S |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141AN08228S |



85 Shore A
Learn more on
previous page

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

| AX | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|------------|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| New | 5 | 2 | 1000 | 7 1/2 | 3 | 141AX05228S |
| | 6 | 2 | 1250 | 8 | 3 | 141AX06228S |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141AX08228S |



85 Shore A
Learn more on
previous page

Standard Bearing: Precision Ball (28)
with new patent pending top hats.

Green Polyurethane Round Tread on Aluminum

| PM | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 5 | 2 | 1000 | 7 1/2 | 3 | 141PM05228S |
| | 6 | 2 | 1250 | 8 | 3 | 141PM06228S |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141PM08228S |



95 Shore A

Standard Bearing: Precision Ball (28).

Butterscotch Polyurethane Round Tread on Aluminum

| PM 80A | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|--------|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 5 | 2 | 1000 | 7 1/2 | 3 | 141PM05228S80A |
| | 6 | 2 | 1250 | 8 | 3 | 141PM06228S80A |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141PM08228S80A |

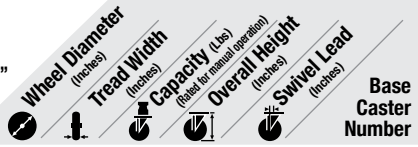


80 Shore A

Standard Bearing: Precision Ball (28).

To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Base Swivel Caster
Number In Chart
For rigid models change "S"
to "R" at end of base
caster number.



POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

| PF | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 2 | 1500 | 8 | 3 | 141PF06228S |
| | 8 | 2 | 1500 | 10 1/8 | 3 | 141PF08228S |



Standard Bearing: Precision Ball (28).

RUBBER MODELS

X-tra Soft Rubber Flat Tread on Polypropylene

| XS | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 5 | 2 | 500 | 7 1/2 | 3 | 141XS05228S |
| | 6 | 2 | 600 | 8 | 3 | 141XS06228S |
| | 8 | 2 | 675 | 10 1/8 | 3 | 141XS08228S |



Standard Bearing: Precision Ball (28).

X-tra Soft Rubber Round Tread on Polypropylene

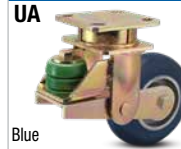
| XR | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 2 | 450 | 8 | 3 | 141XR06228S |
| | 8 | 2 | 600 | 10 1/8 | 3 | 141XR08228S |



Standard Bearing: Precision Ball (28).

Magnum Polyurethane Round Tread on Aluminum

| UA | Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (Push for manual operation) | Overall Height (inches) | Swivel Lead (inches) | Base Caster Number |
|----|-------------------------|----------------------|--|-------------------------|----------------------|--------------------|
| | 6 | 2 | 750 | 8 | 3 | 141UA06228S |
| | 8 | 2 | 900 | 10 1/8 | 3 | 141UA08228S |



Standard Bearing: Precision Ball (28).

Blue
Shore 95A Standard

Optional durometers and colors available; consult factory.



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



CG-MAX PM UA PF

Polyurethane

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



XS XR

Rubber/Pneumatic Style

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