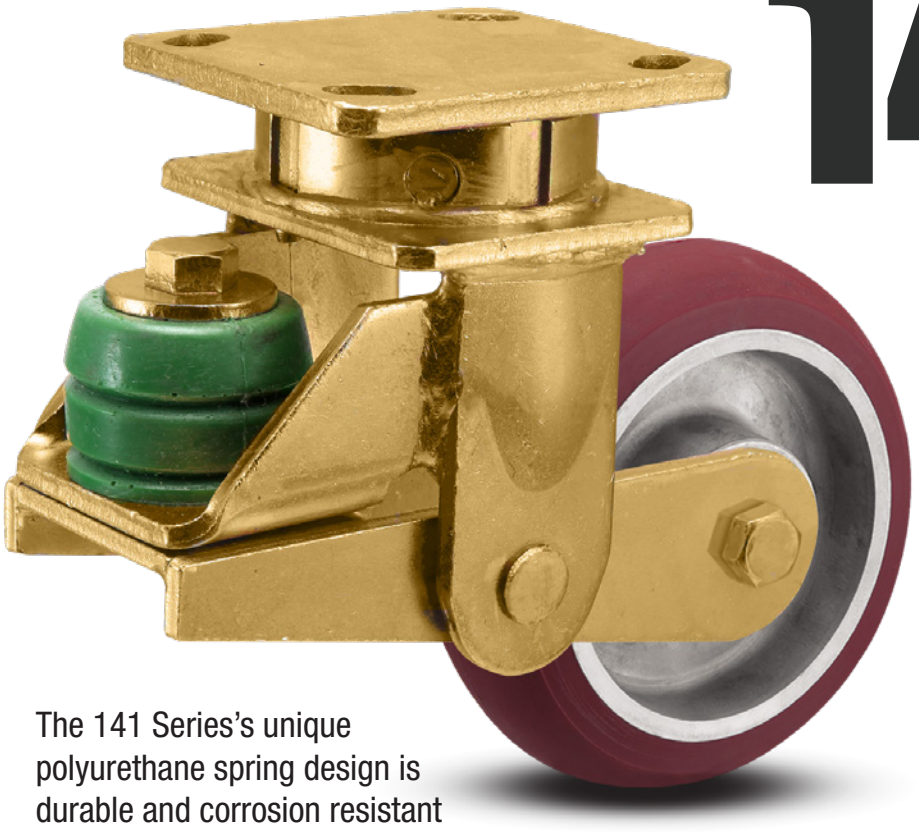
ALBION®

// THE CASTER EXPERTS

141 SERIES

Kingpinless Contender Poly Spring Caster

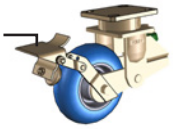


The 141 Series's unique polyurethane spring design is durable and corrosion resistant

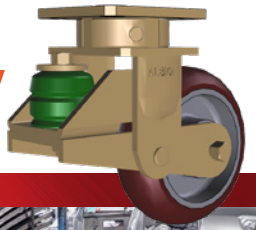
FEATURES

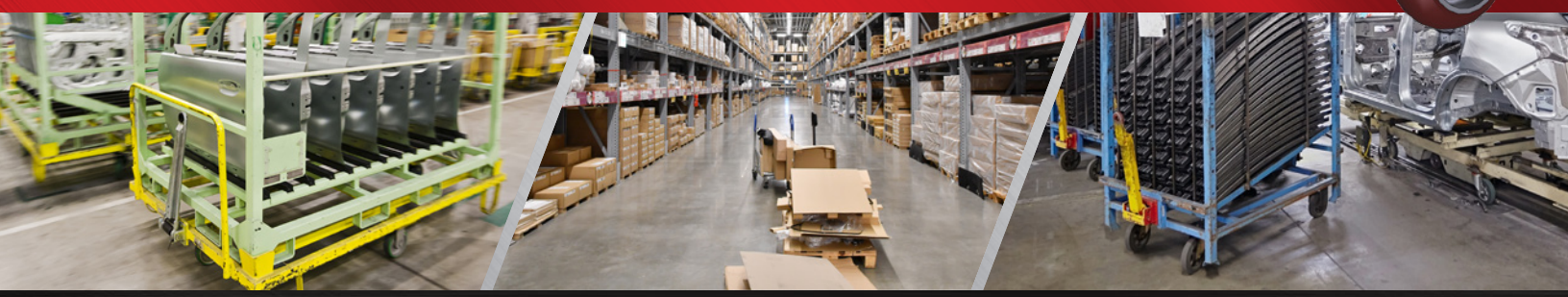
- Protects cargo from damaging shocks and unwanted vibration
- Unique polyurethane spring design is durable and corrosion resistant
- Quiet-rolling, rugged kingpinless caster rig
- Extended lead reduces towing "chatter" noise during operation
- 5", 6", and 8" wheel diameters available to meet overall load height and application requirements

FIELD INSTALLABLE BRAKE (6" AND 8" MODELS)
OPTIONAL K PLATE (4 ½" X 6 ¼")



3D CAD MODELS
AVAILABLE ONLINE
Visit website for details.





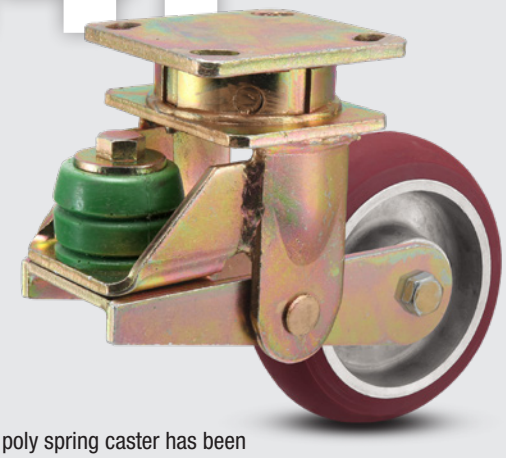
WORK SAFER AND MORE EFFICIENTLY // WITH THE ALBION 141 SERIES

www.AlbionCasters.com

141 Kingpinless Poly Spring Casters

CAPACITY UP TO 1500

Quiet | Premium Quality | Towing^



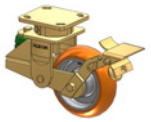
This poly spring caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment and automotive industries. 141 series are equally at home in other extremely abusive and rugged applications.

FEATURES

- Protects cargo from damaging shocks and unwanted vibration
- 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: 141AX06228S**B**



BEARING OPTIONS

(28) Precision Ball Bearings

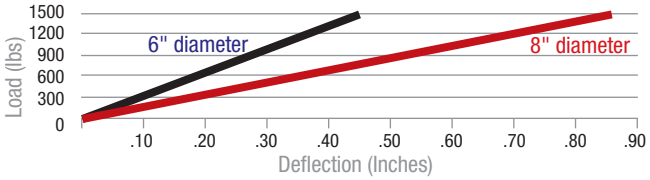
SWIVEL LOCK OPTIONS

Hand operated field installable swivel lock order **SL16000013A** separately. For optional PATK plate use model **SL160000K**

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

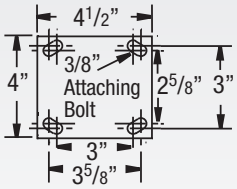
SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 1500 lbs.

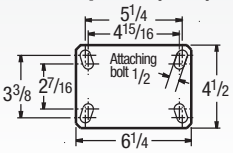


Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average among select yoke swivel and rigid sizes.

MOUNTING OPTION



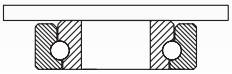
Optional (PATK)



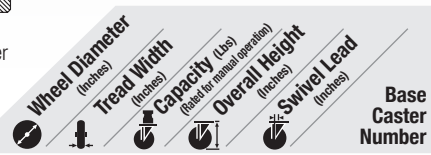
TYPICAL APPLICATIONS

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

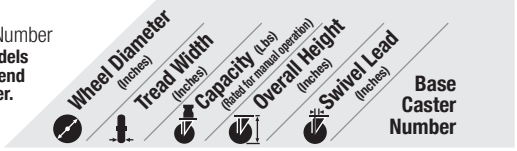
SWIVEL CROSS SECTION



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



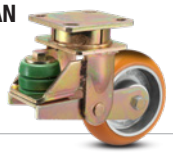
Base Swivel Caster Number In Chart **For rigid models change "S" to "R"at end of base caster number.**



POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

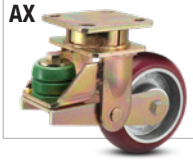


5	2	1000	7 1/2	3	141AN05228S
6	2	1250	8	3	141AN06228S
8	2	1500	10 1/8	3	141AN08228S

85 Shore A Standard Bearing: Precision Ball (**28**)

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX



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 Standard Bearing: Precision Ball (**28**)

Green Polyurethane Round Tread on Aluminum

PM

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**).

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

PF

6	2	1500	8	3	141PF06228S
8	2	1500	10 1/8	3	141PF08228S

Standard Bearing: Precision Ball (**28**).

Butterscotch Polyurethane Round Tread on Aluminum

PM 80A

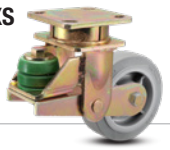
5	2	1000	7 1/2	3	141PM05228S80A
6	2	1250	8	3	141PM06228S80A
8	2	1500	10 1/8	3	141PM08228S80A

80 Shore A Standard Bearing: Precision Ball (**28**).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

RUBBER MODELS

Performa Rubber Flat Tread on Polypropylene

XS

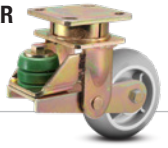


5	2	500	7 1/2	3	141XS05228S
6	2	600	8	3	141XS06228S
8	2	675	10 1/8	3	141XS08228S

Standard Bearing: Precision Ball (**28**).

Performa Rubber Round Tread on Polypropylene

XR



6	2	450	8	3	141XR06228S
8	2	600	10 1/8	3	141XR08228S

Standard Bearing: Precision Ball (**28**).

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement Specifications subject to change without notice.

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