

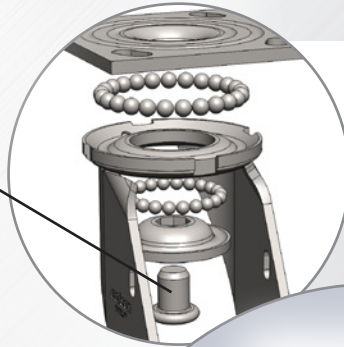
WHY KINGPINLESS?

Kingpinless casters *eliminate* **kingpin failure.**

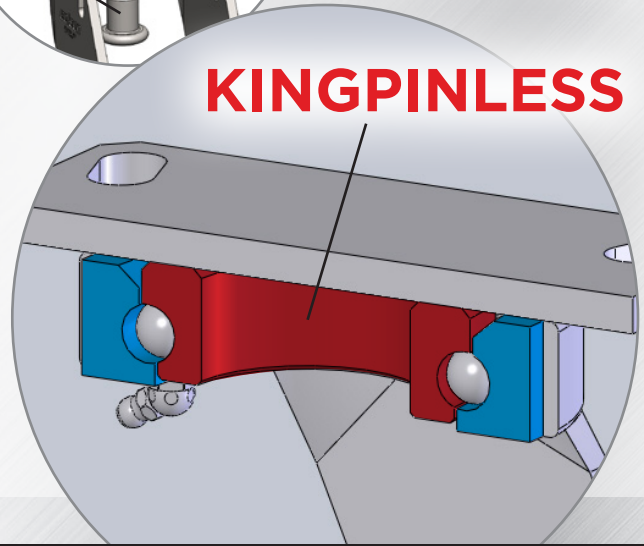
Kingpinless casters are particularly well-suited for any type of power-towed applications where impact and shock loading cause failure in conventional king bolt and nut swivel casters.

A caster with a “kingpin” is the most common, traditional style swivel caster. All the elements that work together to let the caster swivel are held together by one kingpin. In high impact applications, the kingpin becomes strained over time and will fail rendering the caster useless.

A kingpinless caster has a precision machined inner raceway, where large ball bearings are held in between the top plate and yoke base. This allows for greater load distribution, easier swiveling, and eliminates the number one cause of swivel caster failure.



85% of Caster failures are due to **Kingpin Failure.**



Contender Kingpinless Models



Single Wheel
Pages 41 - 58



Dual Wheel
Pages 105 - 108



Spring Loaded
Pages 93 - 99

Albion's leading lineup of kingpinless casters are ready to keep you rolling longer, and eliminate the issue you may have with conventional kingpin style casters that simply can't hold up to your rugged application. Available in single, dual, and spring loaded - we have your heavy duty needs covered all the way up to 30,000 lbs.!

Stainless Kingpinless



Sometimes even heavy duty casters need protection from the elements - and Albion offers the leading stainless selection of kingpinless casters. Prevent corrosion, maintain clean and safe operations, and keep on rolling in the toughest of environments.

Pages 75-86



HEAVY DUTY KINGPINLESS CASTERS

CAPACITY RANGE 300-20000 LBS



410 Contender Series
Heavy Duty Kingpinless Caster

Common Applications:

- Conveyor-Drawn Tow-Trucks
- Heavy Duty Bakery Racks
- Production Dollies
- Heavy Duty Dough Troughs
- Body Dolly Carts
- Engine Dollies
- Material Carts
- Aircraft Maintenance Stands
- Aircraft Engine Stands



110 Contender Series
Capacity to 200042-44



610 Contender Series
Capacity to 950052-53



170 Economy Series
Capacity to 150046-47



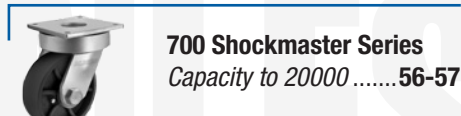
600 Shockmaster Series
Capacity to 1000054-55



310 Contender Series
Capacity to 410048-49



410 Contender Series
Capacity to 540050-51



700 Shockmaster Series
Capacity to 2000056-57

HEAVY DUTY KINGPINLESS

Premium and Specialty Heavy Duty Kingpinless Casters That May Interest You ...

STAINLESS STEEL CASTERS



If your heavy duty casters are exposed to cleaning agents, steam, water, caustic solutions or other agents that cause rust, switch to Stainless Steel to extend your caster life (pages 75-86).

KINGPINLESS SPRING LOADED CASTERS



If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and noise levels, see the Spring Loaded Section (pages 93-99).

110

Contender™ Kingpinless Casters

CAPACITY TO 2000

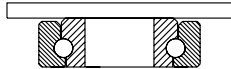


Precision raceways and fully heat treated construction make the 110 Series the ideal solution for applications exposed to rugged conditions or high amounts of impact and shock. More durable than competitors' case or induction hardened construction, and longer lasting than conventional kingpin designs.

TYPICAL APPLICATIONS

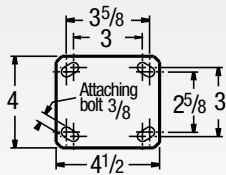
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

SWIVEL CROSS SECTION

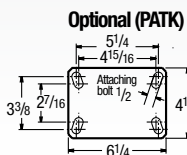


Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base caster number.

MOUNTING OPTIONS Standard Plate



Special Order Plate



Consult factory for additional mounting options



FEATURES

- **3 Year warranty**
- **Top Plate:** 5/16" AISI 1045 steel welded and heat treated for longer life
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings mounted in a **heat treated** precision machined raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on precision ball models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



Straight Roller (01) Precision Ball (28)
Consult factory for additional bearing options.

TOE GUARD



Specify **TO** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

STAINLESS STEEL OPTION

See 120 Series



RIG OPTIONS

- **Optional overall heights** of 9 1/2" for 8" wheel diameter models add **-01** to end of caster number
- **Optional swivel leads** of 2-1/4" for 6" casters and 3-1/2" for 8" casters. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.

ACCESSORIES

To order, add brake code below to end of caster number. Example: 110XS06201SCB110

Cam brake specify **CB110**



PLB Integrated brake specify **PLB** (6" and 8" models only)

Face brake specify **FBB**

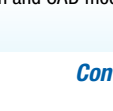
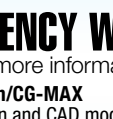
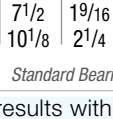
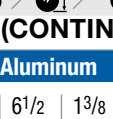


Face brake specify **FBC** (Not available with swivel lock)

Face brake specify **FBE**



Poly Cam brake specify **P**



Swivel Lock Hand operated field installable swivel lock specify **L**

Foot operated field installable swivel lock order **SL160002** separately

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on nominal operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
4	2	800	5 5/8	1 3/16	110AN04228S	
5	2	1000	6 1/2	1 3/8	110AN05228S	
6	2	1250	7 1/2	1 9/16	110AN06228S	
8	2	1500	10 1/8	2 1/4	110AN08228S	

85 Shore A Learn more at right
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) (Based on nominal operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
4	2	800	5 5/8	1 3/16	110AX04228S	
5	2	1000	6 1/2	1 3/8	110AX05228S	
6	2	1250	7 1/2	1 9/16	110AX06228S	
8	2	1500	10 1/8	2 1/4	110AX08228S	

85 Shore A Learn more at right
Standard Bearing: Precision Ball (28) with new patent pending top hats.

Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on nominal operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
5	2	1000	6 1/2	1 3/8	110PM05228S
6	2	1250	7 1/2	1 9/16	110PM06228S
8	2	1500	10 1/8	2 1/4	110PM08228S

95 Shore A Standard Bearing: Precision Ball (28).

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (Lbs) (Based on nominal operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number
5	2	1000	6 1/2	1 3/8	110PM05228S	
6	2	1250	7 1/2	1 9/16	110PM06228S	
8	2	1500	10 1/8	2 1/4	110PM08228S	

95 Shore A Standard Bearing: Precision Ball (28).

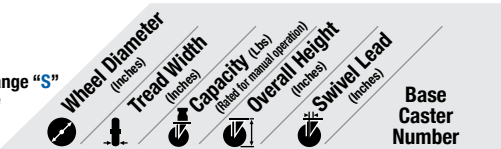
CG-MAX EFFICIENCY WHEEL™

See wheel section for more information or ...

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



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



POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A

5	2	1000	6 1/2	1 3/8	110PM05228S80A
6	2	1250	7 1/2	1 9/16	110PM06228S80A
8	2	1500	10 1/8	2 1/4	110PM08228S80A

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

Magnum Polyurethane on Aluminum Round Tread

UA

4	2	700	5 5/8	1 3/16	110UA04228S
6	2	750	7 1/2	1 9/16	110UA06228S
8	2	900	10 1/8	2 1/4	110UA08228S

Standard Bearing: Precision Ball (28).

Blue Shore 95A Standard
UA Black Shore 70A
UA Red Shore 80A
UA Orange Shore 73D

4"=400 capacity
6"=410 capacity
8"=500 capacity

4"=500 capacity
6"=500 capacity
8"=800 capacity

4"=900 capacity
6"=1,000 capacity
8"=1,200 capacity

To order color/durometer enter durometer code at end of model. Red wheel example: 110UA08228S80AS.

Aubin Industries Swivel-EAZ® Dual Round Tread

EY

4	2	675	5 5/8	1 3/16	110EY04228S
5	2	900	6 1/2	1 3/8	110EY05228S
6	2	1425	7 1/2	1 9/16	110EY06228S
8	2	2000	10 1/8	2 1/4	110EY08228S

Standard Bearing: Precision Ball (28).

Aubin Industries Swivel-EAZ® Dual Crowned Tread

EZ

4	2	900	5 5/8	1 3/16	110EZ04228S
5	2	1400	6 1/2	1 3/8	110EZ05228S
6	2	1900	7 1/2	1 9/16	110EZ06228S
8	2	2000	10 1/8	2 1/4	110EZ08228S

Standard Bearing: Precision Ball (28).

Green Polyurethane Crowned Tread on Aluminum

PD

4	2	700	5 5/8	1 3/16	110PD04201S
5	2	1050	6 1/2	1 3/8	110PD05201S
6	2	1230	7 1/2	1 9/16	110PD06201S
8	2	1500	10 1/8	2 1/4	110PD08201S

Standard Bearing: Roller (01).

Yellow Polyurethane Tread on Heavy Duty Iron

PF

6	2	2000	7 1/2	1 9/16	110PF06228S
8	2	2000	10 1/8	2 1/4	110PF08228S

95 Shore A *Standard Bearing: Precision Ball (28).*

Solid Elastomer Polyurethane

SE

4	2	1000	5 5/8	1 3/16	110SE04228S
5	2	1000	6 1/2	1 3/8	110SE05228S
6	2	1200	7 1/2	1 9/16	110SE06228S
8	2	1200	10 1/8	2 1/4	110SE08228S

Standard Bearing: Precision Ball (28).

Polyurethane on Polypropylene

XA

4	2	600	5 5/8	1 3/16	110XA04229S
5	2	750	6 1/2	1 3/8	110XA05229S
6	2	900	7 1/2	1 9/16	110XA06229S
8	2	1200	10 1/8	2 1/4	110XA08229S

Standard Bearing: Pedestal Precision Ball (29).

NYLON MODELS

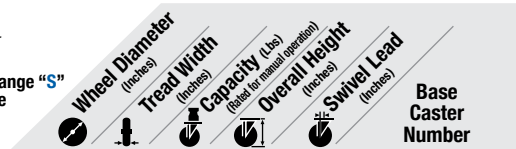
Trionix™ High Impact Polymer

NX

4	2	2000	5 5/8	1 3/16	110NX04228S
5	2	2000	6 1/2	1 3/8	110NX05228S
6	2	2000	7 1/2	1 9/16	110NX06228S
8	2	2000	10 1/8	2 1/4	110NX08228S

Standard Bearing: Precision Ball (28).

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



NYLON MODELS (CONTINUED)

High Temp Glass Filled Nylon

HT

4	2	800	5 5/8	1 3/16	110HT04201S
5	2	1000	6 1/2	1 3/8	110HT05201S
6	2	1200	7 1/2	1 9/16	110HT06201S
8	2	1400	10 1/8	2 1/4	110HT08201S

Standard Bearing: Roller (01).
Optional Bearing: Plain Bore (41). Change 01 above to bearing code.

Heavy Duty Glass Filled Nylon

DT

4	2	1000	5 5/8	1 3/16	110DT04228S
5	2	1200	6 1/2	1 3/8	110DT05228S
6	2	1400	7 1/2	1 9/16	110DT06228S
8	2	1600	10 1/8	2 1/4	110DT08228S

Standard Bearing: Precision Ball (28).

METAL MODELS

Ductile Iron Crowned Tread

FR

5	2	1500	6 1/2	1 3/8	110FR05201S
6	2	2000	7 1/2	1 9/16	110FR06201S
8	2	2000	10 1/8	2 1/4	110FR08201S

Standard Bearing: Roller (01).
Optional Bearing: Precision Ball (28). Change 01 above to 28.

Cast Iron

CA

4	17/8	1000	5 5/8	1 3/16	110CA04201S
5	17/8	1300	6 1/2	1 3/8	110CA05201S
6	17/8	1400	7 1/2	1 9/16	110CA06201S
8	2	1800	10 1/8	2 1/4	110CA08201S

Standard Bearing: Roller (01).

V-Grooved Cast Iron

VG

4	2	800	5 5/8	1 3/16	110VG04201S
5	2	800	6 1/2	1 3/8	110VG05201S
6	2	1000	7 1/2	1 9/16	110VG06201S

Standard Bearing: Roller (01).

RUBBER MODELS

X-tra Soft Flat Tread on Polypropylene

XS

4	2	400	5 5/8	1 3/16	110XS04228S
5	2	500	6 1/2	1 3/8	110XS05228S
6	2	600	7 1/2	1 9/16	110XS06228S
8	2	675	10 1/8	2 1/4	110XS08228S

Standard Bearing: Precision Ball (28).

X-tra Soft Round Tread on Polypropylene

XR

6	2	450	7 1/2	1 9/16	110XR06228S
8	2	600	10 1/8	2 1/4	110XR08228S

Standard Bearing: Precision Ball (28).

Neoprene Rubber Round Tread on Aluminum

NP

6	2	700	7 1/2	1 9/16	110NP06228S
8	2	700	10 1/8	2 1/4	110NP08228S

Standard Bearing: Precision Ball (28).

Neoprene Rubber Crowned Tread on Aluminum

MG

4	2	500	5 5/8	1 3/16	110MG04228S
5	2	600	6 1/2	1 3/8	110MG05228S
6	2	700	7 1/2	1 9/16	110MG06228S
8	2	700	10 1/8	2 1/4	110MG08228S

Standard Bearing: Precision Ball (28).

PHENOLIC MODELS

Phenolic

TM

4	2	800	5 5/8	1 3/16	110TM04201S
5	2	1000	6 1/2	1 3/8	110TM05201S
6	2	1200	7 1/2	1 9/16	110TM06201S
8	2	1400	10 1/8	2 1/4	110TM08201S

Standard Bearing: Roller (01).



Need even more load capacity?

Check out our USA Made 310 and 410 Series Kingpinless Casters – also featuring an industry leading 3 Year Warranty:

310 Series (up to 4,100 lb. capacity each) – pages **48-49**

410 Series (up to 5,400 lb. capacity each) – pages **50-51**

ALBION®

the caster experts

Made in the **USA**

INTRODUCING THE
LASER CUT
CONTENDER™ KINGPINLESS

310 & 410 SERIES

- NEW Precision Laser Cut Designs
- Industry Leading 3-Year Warranty
- 310 Now Featuring Thicker 3/8" Legs for Increased Strength
- Proudly Made in the USA
- Premium Quality and Performance
- Newly Designed Brakes and Toe Guards Coming Soon

View Product on
Pages 48 – 51

New Precision Laser Cut Design
Premium USA-made Quality

NEW

AlbionCasters.com

170

Heavy Duty Kingpinless Casters

CAPACITY TO 1500

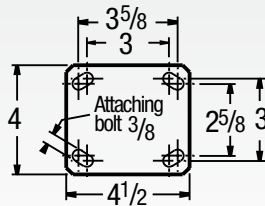


One year standard warranty. Ideal for economical applications where kingpin casters will not simply hold up to shock or impact. Also review our 110 Series for even higher load capacities and a 3-year warranty.

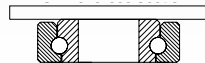
TYPICAL APPLICATIONS

- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

MOUNTING OPTIONS Standard Plate



SWIVEL CROSS SECTION



Economical



Ergonomic

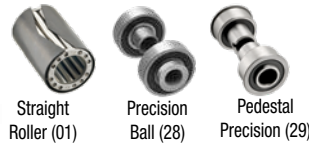


Towing[^]

FEATURES

- **Top Plate:** 5/16" AISI 1045 steel
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings are mounted in a precision machined 2-3/8" diameter raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, precision ball, and Oillex models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



STAINLESS STEEL OPTION

See 120 Series



RIG OPTIONS

- **Optional swivel leads** of 3-1/2" for 8" casters. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.
- **Optional overall heights** of 10 1/8" for 8" wheel diameter models remove **-01** at end of caster number

ACCESSORIES

To order, add brake code below to end of model. Example: 170XS06201SCB170

Cam brake specify **CB170**



Face brake specify **FBB**

Face brake specify **FBC** (Not compatible with swivel lock on 4" and 5" sizes)



Swivel Lock
Hand operated field installable swivel lock specify **L**

Foot operated field installable **swivel lock** order **SL160002** separately



Drive lasting results with

CG-MAX EFFICIENCY WHEEL™



See wheel section for more information or ...

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

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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	4	2	800	5 5/8	1 3/16	170AN04228S
	5	2	1000	6 1/2	1 3/8	170AN05228S
	6	2	1250	7 1/2	1 9/16	170AN06228S
	8	2	1500	9 1/2	2 1/4	170AN08228S-01

85 Shore A
Learn more at right
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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	4	2	800	5 5/8	1 3/16	170AX04228S
	5	2	1000	6 1/2	1 3/8	170AX05228S
	6	2	1250	7 1/2	1 9/16	170AX06228S
	8	2	1500	9 1/2	2 1/4	170AX08228S-01

85 Shore A
Learn more at right
Standard Bearing: Precision Ball (28) with new patent pending top hats.

Base Swivel Caster

Number In Chart

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

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	5	2	1000	6 1/2	1 3/8	170PM05228S
	6	2	1250	7 1/2	1 9/16	170PM06228S
	8	2	1500	9 1/2	2 1/4	170PM08228S-01

95 Shore A
Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	5	2	1000	6 1/2	1 3/8	170PM05228S80A
	6	2	1250	7 1/2	1 9/16	170PM06228S80A
	8	2	1500	9 1/2	2 1/4	170PM08228S-0180A

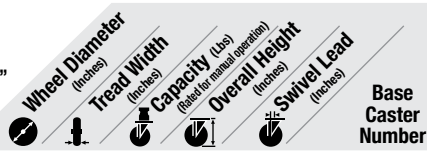
80 Shore A
Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Yellow Polyurethane on Heavy Duty Cast Iron

PF	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	6	2	1500	7 1/2	1 9/16	170PF06228S
	8	2	1500	9 1/2	2 1/4	170PF08228S-01

95 Shore A
Standard Bearing: Precision Ball (28).

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



POLYURETHANE MODELS (CONTINUED)

Solid Elastomer Polyurethane

SE		4	2	1000	55/8	13/16	170SE04228S
		5	2	1000	61/2	13/8	170SE05228S
		6	2	1200	71/2	19/16	170SE06228S
		8	2	1200	91/2	21/4	170SE08228S-01



Standard Bearing: Precision Ball (28).

Polyurethane on Polypropylene

XA		4	2	600	55/8	13/16	170XA04201S
		5	2	750	61/2	13/8	170XA05201S
		6	2	900	71/2	19/16	170XA06201S
		8	2	1000	91/2	21/4	170XA08201S-01

Standard Bearing: Roller (01).

NYLON MODELS

Maxim® Nylon Glass

NG		4	2	800	55/8	13/16	170NG04201S
		5	2	1000	61/2	13/8	170NG05201S
		6	2	1200	71/2	19/16	170NG06201S
		8	2	1400	91/2	21/4	170NG08201S-01

Standard Bearing: Roller (01).

METAL MODELS

Cast Iron

CA		4	2	1000	55/8	13/16	170CA04201S
		5	2	1300	61/2	13/8	170CA05201S
		6	2	1400	71/2	19/16	170CA06201S
		8	2	1500	91/2	21/4	170CA08201S-01

Standard Bearing: Roller (01).

V-Groove Cast Iron

VG		4	2	800	55/8	13/16	170VG04201S
		5	2	800	61/2	13/8	170VG05201S
		6	2	1000	71/2	19/16	170VG06201S

Standard Bearing: Roller (01).

RUBBER MODELS

X-tra Soft Flat Tread on Polypropylene

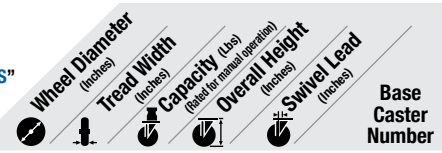
XS		4	2	400	55/8	13/16	170XS04201S
		5	2	500	61/2	13/8	170XS05201S
		6	2	600	71/2	19/16	170XS06201S
		8	2	675	91/2	21/4	170XS08201S-01



Standard Bearing: Roller (01).

Optional Bearing: Precision Ball (28); change 01 above to 28.

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



RUBBER MODELS (CONTINUED)

X-tra Soft Round Tread on Polypropylene

XR		6	2	450	71/2	19/16	170XR06201S
		8	2	600	91/2	21/4	170XR08201S-01



Standard Bearing: Roller (01).
Optional Bearing: Precision Ball (28);
change 01 above to 28.

Moldon Rubber on Cast Iron

MR		4	2	300	55/8	13/16	170MR04201S
		5	2	450	61/2	13/8	170MR05201S
		6	2	500	71/2	19/16	170MR06201S
		8	2	600	91/2	21/4	170MR08201S-01

Standard Bearing: Roller (01).

PNEUMATIC STYLE MODELS

Monoprene Semi-Pneumatic

SZ		6	2	250	71/2	19/16	170SZ06228S
		8	2	280	91/2	21/4	170SZ08228S-01

Standard Bearing: Precision Ball (28).

For grey tread specify "SV" wheel code
(example 170SV05228S).

PHENOLIC MODELS

Phenolic

TM		4	2	800	55/8	13/16	170TM04201S
		5	2	1000	61/2	13/8	170TM05201S
		6	2	1200	71/2	19/16	170TM06201S
		8	2	1400	91/2	21/4	170TM08201S-01



Standard Bearing: Roller (01).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

RT		4	2	800	55/8	13/16	170RT04201S
		5	2	1000	61/2	13/8	170RT05201S
		6	2	1200	71/2	19/16	170RT06201S
		8	2	1400	91/2	21/4	170RT08201S-01

Standard Bearing: Roller (01).
Optional Bearings: Plan Bore (41);
Change 01 above to 41.

170 Series Wheel Selection Hints



CG-MAX PM PF



SE XA

Polyurethane

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



NG

Nylon

- High load capacities
- Impact resistant
- Corrosion resistant
- High-temp options



CA VG

Metal tread

- High load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures



XS XR MR SZ

Rubber

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



TM

Phenolic

- High load capacities
- Impact resistant
- Economical
- High-temp options



RT

Polypropylene

- Most economical
- Lightweight
- High-temp options

310

Made in the USA
Contender™
Kingpinless Casters
CAPACITY TO 4100



Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined raceway, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

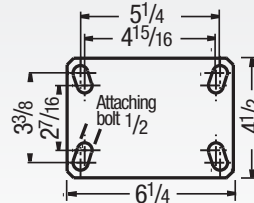
TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

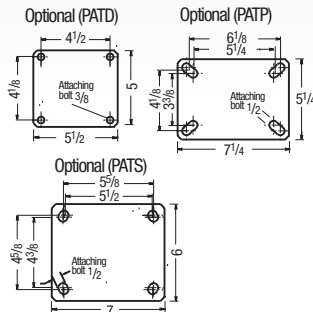
SWIVEL CROSS SECTION



MOUNTING OPTIONS Standard Plate



Special Order Plate



- Premium Quality
- Towing[^]
- Environmentally Friendly

FEATURES

- **New laser cut steel construction**
- **3 Year warranty**
- **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 raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Towable Swivel Leads:**
 6" dia. 2-7/32"
 8" dia. 2-15/16"
 10" dia. 3-3/8"
 12" dia. 4-5/16"
 Consult factory for capacity changes. To order add **XL** to end of model. Example: 310MR06401**SXL**
- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 94-95

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 310PY08401**SP**

Poly Cam
specify **P**



PLB Integrated
specify **PLB**

Single Side specify **SSB310**
Double Sided specify **DSB310**

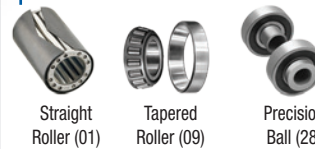


Face Contact
specify **FBB**

Hand Operated Swivel Lock
specify **L**



BEARING OPTIONS



TOE GUARD

Specify **TOE** for caster integrated toe guard. Standard model toe guards are 1/2" from the floor.

STAINLESS STEEL OPTION

See page 84



	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Moldon Rubber on Cast Iron (01 Roller Bearing)*

MR/MH	6	2 1/2	700	7 1/2	1 3/8	310MR06401
	6	3	750	7 1/2	1 3/8	310MR06501
	8	2 1/2	850	10 1/8	2 1/16	310MR08401
	8	3	900	10 1/8	2 1/16	310MR08501
	10	2 1/2	950	11 1/2	2 1/4	310MR10401
	10	2 1/2**	1500	11 1/2	2 1/4	310MH10401
	10	3	1000	11 1/2	2 1/4	310MR10501
	10	3**	1800	11 1/2	2 1/4	310MH10501
	12	2 1/2	950	13 1/2	2 11/16	310MR12401
	12	2 1/2**	1700	13 1/2	2 11/16	310MH12401
	12	3	1200	13 1/2	2 11/16	310MR12501

*MR available with Tapered Roller (09) bearings. Change "01" to "09". Example: 310MR10409.

**Heavy-duty MH version of wheel.

Polyurethane on Cast Iron (01 Roller Bearing)*

PY	6	2 1/2	1600	7 1/2	1 3/8	310PY06401
	6	3	2000	7 1/2	1 3/8	310PY06501
	8	2 1/2	2000	10 1/8	2 1/16	310PY08401
	8	3	2500	10 1/8	2 1/16	310PY08501
	10	2 1/2	2300	11 1/2	2 1/4	310PY10401
	10	3	3000	11 1/2	2 1/4	310PY10501
	12	2 1/2	2700	13 1/2	2 11/16	310PY12401
	12	3	3500	13 1/2	2 11/16	310PY12501


PY 80A




*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310PY10409.

80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 310PY06401**S80A**.


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


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Polyurethane on Aluminum (01 Roller Bearing)*
	8	2 1/2	2010	10 1/8	2 1/16	310PD08401
	8	3	2520	10 1/8	2 1/16	310PD08501
	10	2 1/2	2370	11 1/2	2 1/4	310PD10401
	10	3	3000	11 1/2	2 1/4	310PD10501


Standard durometer 95 Shore A. Other durometers available. *Tapered Roller (09) bearings available. Change "01" to "09". Example: 310PD10409.


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Thick Tread Polyurethane (01 Roller Bearing)*
	6	3	2250	7 1/2	1 3/8	310PX06501
	8	3	2780	10 1/8	2 1/16	310PX08501
	10	2 1/2	2600	11 1/2	2 1/4	310PX10401
	10	3	3300	11 1/2	2 1/4	310PX10501
	12	3	3760	13 1/2	2 11/16	310PX12501

Standard durometer 95 Shore A. Other durometers available. *Tapered Roller (09) bearings available. Change "01" to "09". Example: 310PX10409.


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Aubin Industries Swivel-EAZ® Crown Tread (28 Prec. Ball Bearing)
	6	3	2137	7 1/2	1 3/8	310EY06528
	8	3	3250	10 1/8	2 1/16	310EY08528
	10	3	3800	11 1/2	2 1/4	310EY10528
	12	3	4000	13 1/2	2 11/16	310EY12528

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)
	6	3	2850	7 1/2	1 3/8	310EZ06528
	8	3	4000	10 1/8	2 1/16	310EZ08528
	10	3	4100	11 1/2	2 1/4	310EZ10528
	12	3	4100	13 1/2	2 11/16	310EZ12528


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Polyurethane on Cast Iron (01 Roller Bearing)
	6	2 1/2	1600	7 1/2	1 3/8	310PI06401
	6	3	2000	7 1/2	1 3/8	310PI06501
	8	2 1/2	2000	10 1/8	2 1/16	310PI08401
	8	3	2500	10 1/8	2 1/16	310PI08501
	10	2 1/2	2200	11 1/2	2 1/4	310PI10401
	10	3	2800	11 1/2	2 1/4	310PI10501
	12	2 1/2	2500	13 1/2	2 11/16	310PI12401
	12	3	3000	13 1/2	2 11/16	310PI12501

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*
	6	2 1/2	2900	7 1/2	1 3/8	310PF06428
	8	2 1/2	3100	10 1/8	2 1/16	310PF08428
	8	3	4000	10 1/8	2 1/16	310PF08528
	10	3	4100	11 1/2	2 1/4	310PF10528


95 Shore A *Tapered Roller (09) bearings available. Change "28" to "09". Example: 310PF10509.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Polyurethane Reactive on Iron (28 Precision Ball Bearing)*
	10	3	2400	11 1/2	2 1/4	310PR10528
	12	3	2800	13 1/2	2 11/16	310PR12528

80 Shore A *Tapered Roller (09) bearings available. Change "28" to "09". Example: 310PR10509.


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Vulkolan on Cast Iron (01 Roller Bearing)*
	6	2 1/2	2350	7 1/2	1 3/8	310VY06401
	6	3	3000	7 1/2	1 3/8	310VY06501
	8	2 1/2	2900	10 1/8	2 1/16	310VY08401
	8	3	4000	10 1/8	2 1/16	310VY08501
	10	3	4100	11 1/2	2 1/4	310VY10501


*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310VY10509.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Vulkolan Thick Tread Polyurethane (01 Roller Bearing)*
	6	3	3000	7 1/2	1 3/8	310VX06501
	8	3	4000	10 1/8	2 1/16	310VX08501
	10	3	4100	11 1/2	2 1/4	310VX10501


*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310VX10509.


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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)
	8	2 1/2	2000	10 1/8	2 1/16	310XP08428
	8	3	2000	10 1/8	2 1/16	310XP08528
	10	2 1/2	2500	11 1/2	2 1/4	310XP10428
	10	3	2500	11 1/2	2 1/4	310XP10528


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Phenolic (01 Roller Bearing)*
	6	2 1/2	1600	7 1/2	1 3/8	310TM06401
	6	3	2000	7 1/2	1 3/8	310TM06501
	8	2 1/2	2000	10 1/8	2 1/16	310TM08401
	8	3	2500	10 1/8	2 1/16	310TM08501
	10	2 1/2	2500	11 1/2	2 1/4	310TM10401
	10	3	2900	11 1/2	2 1/4	310TM10501
	12	2 1/2	3000	13 1/2	2 11/16	310TM12401
	12	3	3500	13 1/2	2 11/16	310TM12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310TM10409.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Trionix™ High Impact Polymer (28 Precision Ball Bearing)
	6	2 1/2	4100	7 1/2	1 3/8	310NX06428
	6	3	4100	7 1/2	1 3/8	310NX06528
	8	2 1/2	4100	10 1/8	2 1/16	310NX08428
	8	3	4100	10 1/8	2 1/16	310NX08528
	10	2 1/2	4100	11 1/2	2 1/4	310NX10428
	10	3	4100	11 1/2	2 1/4	310NX10528


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Cast Iron (01 Roller Bearing)*
	6	2 1/2	2300	7 1/2	1 3/8	310CA06401
	6	3	2800	7 1/2	1 3/8	310CA06501
	8	2 1/2	2300	10 1/8	2 1/16	310CA08401
	8	3	2800	10 1/8	2 1/16	310CA08501
	10	2 1/2	2300	11 1/2	2 1/4	310CA10401
	10	3	2800	11 1/2	2 1/4	310CA10501
	12	3	2800	13 1/2	2 11/16	310CA12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310CA10409.


Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						V-Groove Cast Iron (01 Roller Bearing)*
	6	2 1/2	2500	7 1/2	1 3/8	310VG06401
	8	2 1/2	2500	10 1/8	2 1/16	310VG08401
	8	3	2500	10 1/8	2 1/16	310VG08501
	10	3	3500	11 1/2	2 1/4	310VG10501

V-Groove Drop Forged Steel (01 Roller Bearing)
8 | 3 | 4100 | 10 1/8 | 2 1/16 | 310VF08501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310VF10409.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Drop Forged Steel (01 Roller Bearing)*
	6	2 1/2	4000	7 1/2	1 3/8	310FS06401
	8	2 1/2	4000	10 1/8	2 1/16	310FS08401
	8	3	4100	10 1/8	2 1/16	310FS08501
	10	3	4100	11 1/2	2 1/4	310FS10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 310FS10509.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+	
						Ductile Iron Crowned Tread (01 Roller Bearing)*
	6	2 1/2	3500	7 1/2	1 3/8	310FR06401
	6	3	4100	7 1/2	1 3/8	310FR06501
	8	3	4100	10 1/8	2 1/16	310FR08501
	10	3	4100	11 1/2	2 1/4	310FR10501

*Tapered Roller (09) bearings available. Change "01" to other bearing code. Example: 310FR08509. Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 310FM08501.

410

Made in the USA
Contender™
Kingpinless Casters
CAPACITY TO 5400

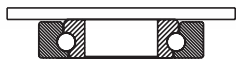


Constructed from high quality, heat treated AISI 1045 laser-cut steel. Precision machined race-way, fully welded legs (inside and outside), and kingpinless design delivers superior strength in rugged applications.

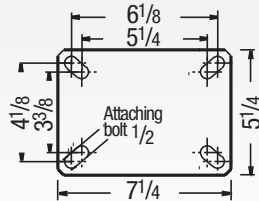
TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

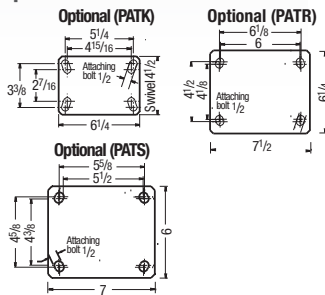
SWIVEL CROSS SECTION



MOUNTING OPTIONS Standard Plate



Special Order Plate



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **New laser-cut steel construction**
- **3 Year warranty**
- **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 race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 96-97.



BRAKE OPTIONS

To order, add brake code below to end of model. Example: 410PY08401SP

Poly Cam
specify **P**



PLB Integrated
specify **PLB**

Single Side specify **SSB410**. **Double Sided** specify **DSB410**

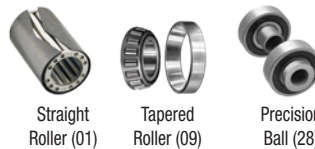


Face Contact
specify **FBB**

Hand Operated Swivel Lock
specify **L**



BEARING OPTIONS



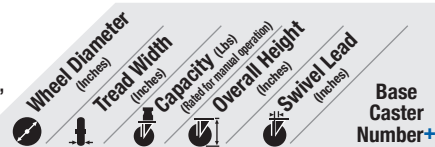
TOE GUARD



Specify **TOE** for caster integrated toe guard. Standard

model toe guards are 1/2" from the floor.

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



Polyurethane on Aluminum (01 Roller Bearing)*

PD	6	8	10	12	15	20
8	2 1/2	2010	10 1/2	2 15/16	410PD08401	
8	3	2520	10 1/2	2 15/16	410PD08501	
10	2 1/2	2370	12 1/2	3 3/8	410PD10401	
10	3	3000	12 1/2	3 3/8	410PD10501	

*Tapered Roller (09) bearings and Precision Bearing (28) available. Change "01" to other bearing code. Tapered example: 410PD08409.

Polyurethane on Cast Iron (01 Roller Bearing)*

PY	6	8	10	12	15	20
6	2 1/2	1600	8	27/32	410PY06401	
6	3	2000	8	27/32	410PY06501	
8	2 1/2	2000	10 1/2	2 15/16	410PY08401	
8	3	2500	10 1/2	2 15/16	410PY08501	
10	2 1/2	2300	12 1/2	3 3/8	410PY10401	
10	3	3000	12 1/2	3 3/8	410PY10501	
12	2 1/2	2700	15 1/2	4 5/16	410PY12401	
12	3	3500	15 1/2	4 5/16	410PY12501	

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410PY10509.

80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 410PY08401S80A.

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

EY	6	8	10	12	15	20
6	3	2137	8	27/32	410EY06528	
8	3	3250	10 1/2	2 15/16	410EY08528	
10	3	3800	12 1/2	3 3/8	410EY10528	
12	3	4000	15 1/2	4 5/16	410EY12528	

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

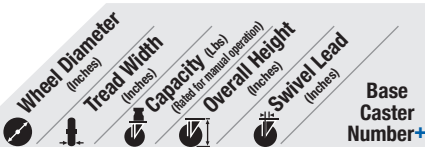
Molder Rubber on Cast Iron (01 Roller Bearing)*


MR/MH	6	8	10	12	15	20
6	2 1/2	700	8	27/32	410MR06401	
6	3	750	8	27/32	410MR06501	
8	2 1/2	850	10 1/2	2 15/16	410MR08401	
8	2 1/2**	1300	10 1/2	2 15/16	410MH08401	
8	3	900	10 1/2	2 15/16	410MR08501	
10	2 1/2	950	12 1/2	3 3/8	410MR10401	
10	2 1/2**	1500	12 1/2	3 3/8	410MH10401	
10	3	1000	12 1/2	3 3/8	410MR10501	
10	3**	1800	12 1/2	3 3/8	410MH10501	
12	2 1/2	950	15 1/2	4 5/16	410MR12401	
12	2 1/2**	1700	15 1/2	4 5/16	410MH12401	
12	3	1200	15 1/2	4 5/16	410MR12501	


*MR available with Tapered Roller (09) bearings. Change "01" to "09". Example: 410MR10409.

**Heavy-duty MH version of wheel.


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




Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)						
EZ 	6	3	2850	8	27/32	410EZ06528
	8	3	4000	10 1/2	215/16	410EZ08528
	10	3	4800	12 1/2	3 3/8	410EZ10528
	12	3	5400	15 1/2	4 5/16	410EZ12528


Thick Tread Polyurethane (01 Roller Bearing)*						
PX 	6	3	2250	8	27/32	410PX06501
	8	3	2780	10 1/2	215/16	410PX08501
	10	2 1/2	2600	12 1/2	3 3/8	410PX10401
	10	3	3300	12 1/2	3 3/8	410PX10501
	12	3	3760	15 1/2	4 5/16	410PX12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410PX10509.


Polyurethane on Cast Iron (01 Roller Bearing)						
PI 	6	2 1/2	1600	8	27/32	410PI06401
	6	3	2000	8	27/32	410PI06501
	8	2 1/2	2000	10 1/2	215/16	410PI08401
	8	3	2500	10 1/2	215/16	410PI08501
	10	2 1/2	2200	12 1/2	3 3/8	410PI10401
	10	3	2800	12 1/2	3 3/8	410PI10501
	12	2 1/2	2500	15 1/2	4 5/16	410PI12401
12	3	3000	15 1/2	4 5/16	410PI12501	

Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*						
PF 	6	2 1/2	2900	8	27/32	410PF06428
	8	2 1/2	3100	10 1/2	215/16	410PF08428
	8	3	4000	10 1/2	215/16	410PF08528
	10	3	4200	12 1/2	3 3/8	410PF10528
			95 Shore A			


*Tapered Roller (09) bearings available. Change "28" to "09". Example: 410PF10509.

Polyurethane Reactive on Iron (28 Precision Ball Bearing)*						
PR 	10	3	2400	12 1/2	215/16	410PR10528
	12	3	2800	15 1/2	3 3/8	410PR12528
			80 Shore A			


*Tapered Roller (09) bearings available. Change "28" to "09". Example: 410PR10509.

Vulkollan on Cast Iron (01 Roller Bearing)*						
VY 	6	2 1/2	2350	8	27/32	410VY06401
	6	3	3000	8	27/32	410VY06501
	8	2 1/2	2900	10 1/2	215/16	410VY08401
	8	3	4000	10 1/2	215/16	410VY08501
	10	3	5000	12 1/2	3 3/8	410VY10501

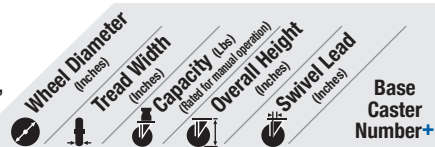
*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410VY10509.


Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*						
VX 	6	3	3000	8	27/32	410VX06501
	8	3	4000	10 1/2	215/16	410VX08501
	10	3	5000	12 1/2	3 3/8	410VX10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410VX10509.


X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)						
XP 	8	2 1/2	2000	10 1/2	215/16	410XP08428
	8	3	2000	10 1/2	215/16	410XP08528
	10	2 1/2	2500	12 1/2	3 3/8	410XP10428
	10	3	2500	12 1/2	3 3/8	410XP10528


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




Phenolic (01 Roller Bearing)*						
TM 	6	2 1/2	1600	8	27/32	410TM06401
	6	3	2000	8	27/32	410TM06501
	8	2 1/2	2000	10 1/2	215/16	410TM08401
	8	3	2500	10 1/2	215/16	410TM08501
	10	2 1/2	2500	12 1/2	3 3/8	410TM10401
	10	3	2900	12 1/2	3 3/8	410TM10501
	12	2 1/2	3000	15 1/2	4 5/16	410TM12401
	12	3	3500	15 1/2	4 5/16	410TM12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410TM10409.


Trionix™ High Impact Polymer (28 Precision Ball Bearing)						
NX 	6	2 1/2	5400	8	27/32	410NX06428
	6	3	5400	8	27/32	410NX06528
	8	2 1/2	5400	10 1/2	215/16	410NX08428
	8	3	5400	10 1/2	215/16	410NX08528
	10	2 1/2	5400	12 1/2	3 3/8	410NX10428
	10	3	5400	12 1/2	3 3/8	410NX10528


Cast Iron (01 Roller Bearing)*						
CA 	6	2 1/2	2300	8	27/32	410CA06401
	6	3	2800	8	27/32	410CA06501
	8	2 1/2	2300	10 1/2	215/16	410CA08401
	8	3	2800	10 1/2	215/16	410CA08501
	10	2 1/2	2300	12 1/2	3 3/8	410CA10401
	10	3	2800	12 1/2	3 3/8	410CA10501
	12	3	2800	15 1/2	4 5/16	410CA12501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410CA10509.


V-Grooved Cast Iron (01 Roller Bearing)*						
VG 	6	2 1/2	2500	8	27/32	410VG06401
	8	2 1/2	2500	10 1/2	215/16	410VG08401
	8	3	2500	10 1/2	215/16	410VG08501
	10	3	3500	12 1/2	3 3/8	410VG10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410VG10509.

Drop Forged V-Grooved Cast Iron (01 Roller Bearing)						
VF 	8	3	5400	10 1/2	215/16	410VF08501

Drop Forged Steel (01 Roller Bearing)*						
FS 	6	2 1/2	4000	8	27/32	410FS06401
	8	2 1/2	4000	10 1/2	215/16	410FS08401
	8	3	4500	10 1/2	215/16	410FS08501
	10	3	5400	12 1/2	3 3/8	410FS10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 410FS10509. 6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5400 and 10x3 capacity increases to 5400 with use of 09 bearing.

Ductile Iron Crowned Tread (01 Roller Bearing)*						
FR 	6	2 1/2	3500	8	27/32	410FR06401
	6	3	5400	8	27/32	410FR06501
	8	3	5400	10 1/2	215/16	410FR08501
	10	3	5400	12 1/2	3 3/8	410FR10501

*Tapered Roller (09) available. Change "01" to other bearing code. Example: 410FR06409. Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 410FM06401.

410 SERIES • CAPACITY TO 5400
HEAVY DUTY KINGPINLESS

610

Contender™ Kingpinless Casters CAPACITY TO 9500

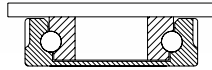


Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters.

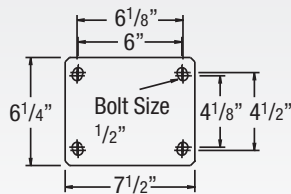
TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

SWIVEL CROSS SECTION



MOUNTING OPTION



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel precision machined and through-hardened for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerkl in swivel section
- **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

- Dual wheel models available, consult factory
- Shear disk mounting, consult factory
- **Optional Spring Loaded:** Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. See pages 98-99.



BRAKE OPTIONS

To order, add brake code below to end of model. Example: 610PY08409SP

Poly Cam
specify **P**



PLB Integrated
specify **PLB**



Single Side specify **SSB610**. **Double Sided** specify **DSB610**



Hand Operated Swivel Lock
specify **L**

BEARING OPTIONS



Straight Roller (01)



Tapered Roller (09)



Precision Ball (28)

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Moldon Rubber on Cast Iron (01 Roller Bearing)*

MR/MH	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	6	2 1/2	540	8 1/2	1 3/4	610MR06401
	6	3	680	8 1/2	1 3/4	610MR06501
	8	2 1/2	670	10 1/2	2 1/4	610MR08401
	8	2 1/2**	1300	10 1/2	2 1/4	610MH08401
	8	3	840	10 1/2	2 1/4	610MR08501
	10	2 1/2**	1500	12 1/2	2 3/4	610MH10501
	10	3	1000	12 1/2	2 3/4	610MR10501
	10	3**	1800	12 1/2	2 3/4	610MH10501
	10	4	1400	12 1/2	2 3/4	610MR10701
	12	2 1/2**	1700	15 1/2	3 5/8	610MH12501
	12	3 1/2	1370	15 1/2	3 5/8	610MR12601
	12	4	1600	15 1/2	3 5/8	610MR12701
	14	3	1280	18	4 3/8	610MR14501

*MR available with Tapered Roller (01) bearings. Change "01" to "09". Example: 610MR10509.

**Heavy-duty MH version of wheel.

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Polyurethane on Aluminum (01 Roller Bearing)

PD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	8	2 1/2	2010	10 1/2	2 1/4	610PD08401
	8	3	2520	10 1/2	2 1/4	610PD08501
	10	2 1/2	2370	12 1/2	2 3/4	610PD10401
	10	3	3000	12 1/2	2 3/4	610PD10501

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
	6	2 1/2	1600	8 1/2	1 3/4	610PY06409
	6	3	2000	8 1/2	1 3/4	610PY06509
	8	2 1/2	2000	10 1/2	2 1/4	610PY08409
	8	3	2500	10 1/2	2 1/4	610PY08509
	8	4	3800	10 1/2	2 1/4	610PY08709
	10	3	3000	12 1/2	2 3/4	610PY10509
	10	4	4200	12 1/2	2 3/4	610PY10709
	12	3 1/2	4110	15 1/2	3 5/8	610PY12609
	12	4	4800	15 1/2	3 5/8	610PY12709
	14	4	5000	18	4 3/8	610PY14709

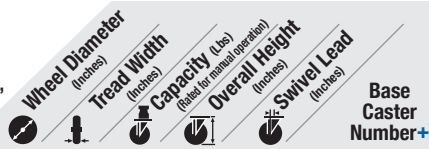
*Roller (01) bearings available. Change "09" to "01". Example: 610PY10501.



80A Durometer available, add "80A" to end of caster number. 80A capacity reduced by approximately 20%. Swivel example: 610PY06409S80A.

Continue on next page >>

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



Aubin Industries Swivel-EAZ® Round Tread (28 Prec. Ball Bearing)							
EY		6	3	2137	8	27/32	610EY06528
		8	3	3250	10 1/2	2 15/16	610EY08528

Aubin Industries Swivel-EAZ® Flat Tread (28 Prec. Ball Bearing)							
EZ		6	3	2850	8	27/32	610EZ06528
		8	3	4000	10 1/2	2 15/16	610EZ08528
		10	3	4800	12 1/2	3 3/8	610EZ10528

Thick Tread Polyurethane (09 Tapered Roller Bearing)*							
PX		6	3	2250	8 1/2	1 3/4	610PX06509
		8	3	2780	10 1/2	1 3/4	610PX08509
		8	4	3850	10 1/2	2 1/4	610PX08709
		10	3	3300	12 1/2	2 3/4	610PX10509
		10	4	4620	12 1/2	2 3/4	610PX10709
		12	4	5280	15 1/2	3 5/8	610PX12709

*Roller (01) bearings available. Change "09" to "01". Example: 610PX10501.

Polyurethane on Heavy Duty Cast Iron (28 Precision Ball Bearing)*							
PF		6	2 1/2	2900	8 1/2	1 3/4	610PF06428
		8	2 1/2	3100	10 1/2	2 1/4	610PF08428
		8	3	4000	10 1/2	2 1/4	610PF08528
		10	3	4200	12 1/2	2 3/4	610PF10528

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610PF10509.

Vulkollan Thick Tread Polyurethane (09 Roller Bearing)*							
VX		6	3	3000	8 1/2	1 3/4	610VX06509
		8	3	4000	10 1/2	2 1/4	610VX08509
		10	3	5000	12 1/2	2 3/4	610VX10509

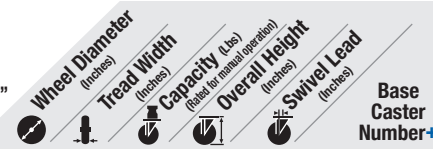
*Roller (01) bearings available. Change "09" to "01". Example: 610VX10501.

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)							
XP		8	2 1/2	2000	10 1/2	2 1/4	610XP08428
		8	3	2000	10 1/2	2 1/4	610XP08528
		10	3	2500	12 1/2	2 3/4	610XP10528

Phenolic (01 Roller Bearing)*							
TM		6	2 1/2	1600	8 1/2	1 3/4	610TM06401
		6	3	2000	8 1/2	1 3/4	610TM06501
		8	2 1/2	2000	10 1/2	2 1/4	610TM08401
		8	3	2500	10 1/2	2 1/4	610TM08501
		10	3	2900	12 1/2	2 3/4	610TM10501
		12	3 1/2	4000	15 1/2	3 5/8	610TM12601
		12	4	8000	15 1/2	3 5/8	610TM12701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610TM10509.

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



Trionix (28 Precision Ball Bearing)							
NX		6	2 1/2	7200	8 1/2	1 3/4	610NX06428
		6	3	7200	8 1/2	1 3/4	610NX06528
		8	2 1/2	7200	10 1/2	2 1/4	610NX08428
		8	3	7200	10 1/2	2 1/4	610NX08528
		10	3	7200	12 1/2	2 3/4	610NX10528

Cast Iron (01 Roller Bearing)*							
CA		6	3	2800	8 1/2	1 3/4	610CA06501
		8	2 1/2	2300	10 1/2	2 1/4	610CA08401
		8	3	2800	10 1/2	2 1/4	610CA08501
		8	4	4000	10 1/2	2 1/4	610CA08701
		10	3	2800	12 1/2	2 3/4	610CA10501
		10	4	4000	12 1/2	2 3/4	610CA10701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610CA10509.

V-Grooved Cast Iron (01 Roller Bearing)*							
VG		6	2 1/2	2500	8 1/2	1 3/4	610VG06401
		8	2 1/2	2500	10 1/2	2 1/4	610VG08401
		8	3	2500	10 1/2	2 1/4	610VG08501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610VG10509.

Drop Forged V-Grooved Cast Iron (01 Roller Bearing)*							
VF		6	3	6000	8 1/2	1 3/4	610VF06501
		8	4	6000	10 1/2	2 1/4	610VF08701
		10	4	8350	12 1/2	2 3/4	610VF10701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610VF10509.
Note: Capacity increases to 9500 lbs. with use of 09 bearings.

Drop Forged Steel (01 Roller Bearing)*							
FS		6	2 1/2	4000	8 1/2	1 3/4	610FS06401
		8	2 1/2	4000	10 1/2	2 1/4	610FS08401
		8	3	5400	10 1/2	2 1/4	610FS08501
		10	3	5400	12 1/2	2 3/4	610FS10501
		10	4	8350	12 1/2	2 3/4	610FS10701

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610FS10509. 6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5500, 10x3 capacity increases to 6000 and 10x4 capacity increases to 9500 with use of 09 bearings.

Heavy Duty Drop Forged Steel (01 Roller Bearing)*							
FH		8	3	6000	10 1/2	2 1/4	610FH08501
		10	3	6000	12 1/2	2 3/4	610FH10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 610FH10509. 10x3 capacity increases to 6500 with use of 09 bearings. All FH models include 1" axle.

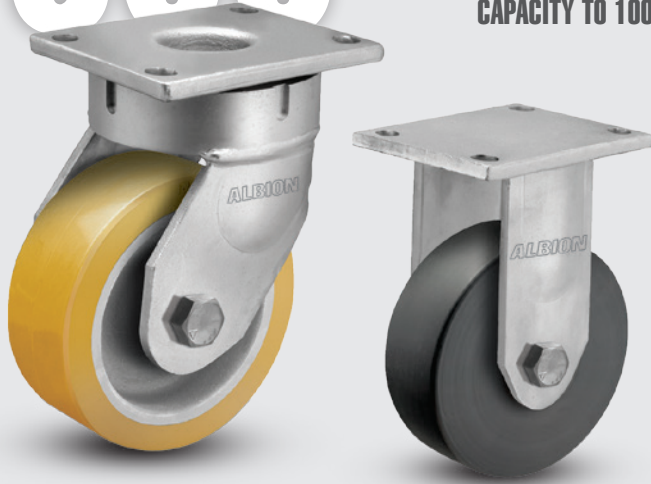
Ductile Iron Crowned Tread (01 Roller Bearing)*							
FR, FM, VM		6	2 1/2	3500	8 1/2	1 3/4	610FR06401
		6	3	6000	8 1/2	1 3/4	610FR06501
		8	3	6000	10 1/2	2 1/4	610FR08501
		10	3	6000	12 1/2	2 3/4	610FR10501

*Tapered Roller (09) available. Change "01" to "09". Example: 610FR06409.
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 610FM06401.

600

Shockmaster™ Kingpinless Casters

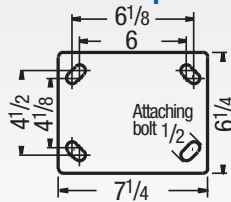
CAPACITY TO 10000



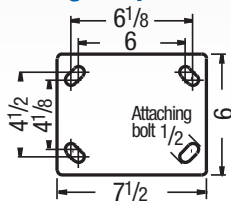
An added step up from the 610 (previous page), constructed of a one-piece forging for ultimate durability and strength. Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads would damage less rugged casters.

MOUNTING OPTIONS

Swivel Top Plate



Rigid Top Plate



TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas

SWIVEL CROSS SECTION



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

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)*

MR	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on nominal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	6	2 1/2	700	8 1/2	2 1/2	600MR06409
	6	3	750	8 1/2	2 1/2	600MR06509
	8	2 1/2	850	10 1/2	2 1/2	600MR08409
	8	2 1/2**	850	10 1/2	2 1/2	600MH08409
	8	3	900	10 1/2	2 1/2	600MR08509
	10	3	1000	12 1/2	2 1/2	600MR10509
	10	3**	1000	12 1/2	2 1/2	600MH10509
	10	4	1400	12 1/2	2 1/2	600MR10709
	12	3 1/2	1500	15 1/2	2 1/2	600MR12609
	12	4	1600	15 1/2	2 1/2	600MR12709

*Roller (01) bearings available. Change "09" to "01". Example: 600MR10501.

**Heavy-duty MH version of wheel.



Premium Quality



Towing^



Environmentally Friendly

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-1/2" precision machined raceway. Zerk in swivel section
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory
- Notched yoke base for swivel locks specify **NY600**

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 600PY08409SP

Poly Cam specify **P**



PLB Integrated specify **PLB**



Single Side specify **SSB610**. **Double Sided** specify **DSB610**



Face Contact specify **F**



Hand Operated Detachable Swivel Lock specify **L**.



BEARING OPTIONS



Straight Roller (01)



Tapered Roller (09)



Precision Ball (28)



Radial Ball (27)

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on nominal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Polyurethane on Aluminum (01 Roller Bearing)*

PD	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	8	2 1/2	2010	10 1/2	2 1/2	600PD08401
	8	3	2520	10 1/2	2 1/2	600PD08501
	10	2 1/2	2370	12 1/2	2 1/2	600PD10401
	10	3	3000	12 1/2	2 1/2	600PD10501

*Tapered Roller (09) bearings available. Change "01" to "09". Example: 600PD08409.

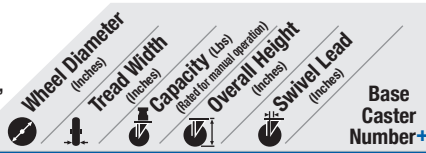
Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	6	2 1/2	1600	8 1/2	2 1/2	600PY06409
	6	3	2000	8 1/2	2 1/2	600PY06509
	8	2 1/2	2000	10 1/2	2 1/2	600PY08409
	8	3	2500	10 1/2	2 1/2	600PY08509
	8	4	3800	10 1/2	2 1/2	600PY08709
	10	3	3000	12 1/2	2 1/2	600PY10509
	10	4	4200	12 1/2	2 1/2	600PY10709
	12	3 1/2	4110	15 1/2	2 1/2	600PY12609
	12	4	4800	15 1/2	2 1/2	600PY12709

*Roller (01) bearings available. Change "09" to "01". Example: 600PY06401.

Continue on next page >>

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



Thick Tread Polyurethane (09 Tapered Roller Bearing)*						
PX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	3	2250	8 1/2	2 1/2	600PX06509
	8	3	2780	10 1/2	2 1/2	600PX08509
	8	4	3850	10 1/2	2 1/2	600PX08709
	10	3	3300	12 1/2	2 1/2	600PX10509
	10	4	4620	12 1/2	2 1/2	600PX10709
	12	4	5280	15 1/2	2 1/2	600PX12709

*Roller (01) bearings available. Change "09" to "01".
Example: 600PX10501.

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*						
VY	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	2350	8 1/2	2 1/2	600VY06409
	6	3	3000	8 1/2	2 1/2	600VY06509
	8	2 1/2	2900	10 1/2	2 1/2	600VY08409
	8	3	4000	10 1/2	2 1/2	600VY08509
	10	2 1/2	3450	12 1/2	2 1/2	600VY10409
	10	3	5000	12 1/2	2 1/2	600VY10509

*Roller (01) bearings available. Change "09" to "01".
Example: 600VY10501.

Vulkollan Thick Tread Polyurethane (09 Tapered Roller Bearing)*						
VX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	2350	8 1/2	2 1/2	600VX06409
	6	3	3000	8 1/2	2 1/2	600VX06509
	8	2 1/2	2900	10 1/2	2 1/2	600VX08409
	8	3	4000	10 1/2	2 1/2	600VX08509
	10	2 1/2	3450	12 1/2	2 1/2	600VX10409
	10	3	5000	12 1/2	2 1/2	600VX10509

*Roller (01) bearings available. Change "09" to "01".
Example: 600VX10501.

X-treme Plus Solid Polyurethane (01 Roller Bearing)*						
XP	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	8	2 1/2	2000	10 1/2	2 1/2	600XP08401
	8	3	2000	10 1/2	2 1/2	600XP08501
	10	3	2500	12 1/2	2 1/2	600XP10501

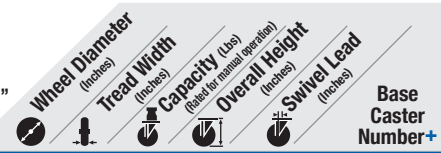
*Precision Ball (28) bearings available. Change "01" to "28".

Phenolic (01 Roller Bearing)*						
TM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	1600	8 1/2	2 1/2	600TM06401
	6	3	2000	8 1/2	2 1/2	600TM06501
	8	2 1/2	2000	10 1/2	2 1/2	600TM08401
	8	3	2500	10 1/2	2 1/2	600TM08501
	10	3	2900	12 1/2	2 1/2	600TM10501
	12	3 1/2	4000	15 1/2	2 1/2	600TM12601
	12	4	8000	15 1/2	2 1/2	600TM12701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600TM10509.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)						
NX	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	7200	8 1/2	2 1/2	600NX06428
	6	3	7200	8 1/2	2 1/2	600NX06528
	8	2 1/2	7200	10 1/2	2 1/2	600NX08428
	8	3	7200	10 1/2	2 1/2	600NX08528
	10	2 1/2	7200	12 1/2	2 1/2	600NX10428
	10	3	7200	12 1/2	2 1/2	600NX10528

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



Cast Iron (01 Roller Bearing)*						
CA	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	3	2800	8 1/2	2 1/2	600CA06501
	8	2 1/2	2300	10 1/2	2 1/2	600CA08401
	8	3	2800	10 1/2	2 1/2	600CA08501
	8	4	4000	10 1/2	2 1/2	600CA08701
	10	3	2800	12 1/2	2 1/2	600CA10501
	10	4	4000	12 1/2	2 1/2	600CA10701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600CA10509.

V-Grooved Cast Iron (01 Roller Bearing)*						
VG	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	2500	8 1/2	2 1/2	600VG06401
	8	2 1/2	2500	10 1/2	2 1/2	600VG08401
	8	3	2500	10 1/2	2 1/2	600VG08501

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600VG06409.

Drop Forged V-Grooved Cast Iron (01 Roller Bearing)*						
VF	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	3	6000	8 1/2	2 1/2	600VF06501
	8	4	8350	10 1/2	2 1/2	600VF08701
	10	4	8350	12 1/2	2 1/2	600VF08701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600VF06509.
Note: Capacity increases to 10000 lbs. if specifying tapered roller bearing.

Drop Forged Steel (01 Roller Bearings)*						
FS	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	4000	8 1/2	2 1/2	600FS06401
	8	2 1/2	4000	10 1/2	2 1/2	600FS08401
	8	3	4500	10 1/2	2 1/2	600FS08501
	10	3	5000	12 1/2	2 1/2	600FS10501
	10	4	8350	12 1/2	2 1/2	600FS10701

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600FS10509. 6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5500, 10x3 capacity increases to 6000, 10x4 capacity increases to 10,000 with use of 09 bearing.

Heavy Duty Drop Forged Steel (01 Roller Bearings)*						
FH	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	8	3	6500	10 1/2	2 1/2	600FH08501
	10	3	6000	12 1/2	2 1/2	600FH10501

*Tapered Roller (09) bearings available. Change "01" to "09".
Example: 600FH10509. 10x3 capacity increases to 6500 with use of 09 bearing.

Ductile Iron Crowned Tread (01 Roller Bearing)*						
FR, FM, VM	Wheel Diameter (inches)	Tread Width (inches)	Capacity (lbs) (Based on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Base Caster Number+
	6	2 1/2	3500	8 1/2	2 1/2	600FR06401
	6	3	6000	8 1/2	2 1/2	600FR06501
	8	3	6000	10 1/2	2 1/2	600FR08501
	10	3	6000	12 1/2	2 1/2	600FR10501

*Tapered Roller (09) available. Change "01" to "09". Example: 600FR08509.
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 600FM08501.

600 SERIES • CAPACITY TO 10000

HEAVY DUTY KINGPINLESS

700

Shockmaster™ Kingpinless Casters

CAPACITY TO 20000



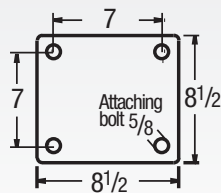
These super duty casters are built specifically for that potentially punishing application where reliability is essential. One-piece forging is precision machined and carefully constructed to deliver the utmost durability in handling shock and impact.

TYPICAL APPLICATIONS

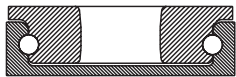
- Aircraft engine stands
- Ground support equipment
- Aerospace A-frame skin dollies
- Portable jigs
- Tooling fixtures
- Die carts
- Large platform work

MOUNTING OPTION

Standard Top Plate



SWIVEL CROSS SECTION



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

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
MR	10	4	1400	13	2 1/2	700MR10709
	12	4	1600	15 1/2	3 1/4	700MR12709
	16	4	2000	19	4 1/2	700MR16709
	16	5	2570	19	4 1/2	700MR16809

Polyurethane on Aluminum (09 Tapered Roller Bearing)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
PA	12	6	7500	15 1/2	3 1/4	700PA12909



Premium Quality



Towing[^]



Environmentally Friendly

FEATURES

- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 1/2" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY700**
- Spring-loaded, dual wheel models available, consult factory

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 700PY08709SP

Poly Cam
specify **P**



PLB Integrated
specify **PLB**

Face Contact
specify **F**



Hand Operated
Detachable **Swivel Lock**
specify **L**

BEARING OPTIONS



Straight
Roller (01)

Tapered
Roller (09)

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
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Polyurethane on Cast Iron (09 Tapered Roller Bearing)

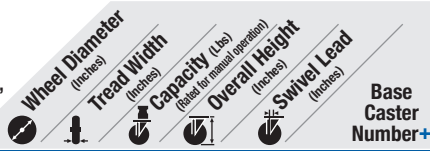
PY	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	8	4	3800	11	2 1/4	700PY08709
	10	4	4200	13	2 1/2	700PY10709
	10	5	5000	13	2 1/2	700PY10809
	12	4	4800	15 1/2	3 1/4	700PY12709
	12	5	6000	15 1/2	3 1/4	700PY12809
	16	4	5970	19	4 1/2	700PY16709
	16	5	7700	19	4 1/2	700PY16809

Thick Tread Polyurethane (09 Tapered Roller Bearing)

PX	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Roller for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number+
	8	4	3850	11	2 1/4	700PX08709
	10	4	4620	13	2 1/2	700PX10709
	10	5	5500	13	2 1/2	700PX10809
	12	4	5820	15 1/2	3 1/4	700PX12709
	12	5	6600	15 1/2	3 1/4	700PX12809
	16	4	6570	19	4 1/2	700PX16709
	16	5	8470	19	4 1/2	700PX16809

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

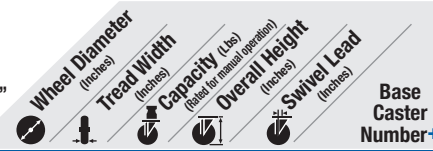


Phenolic (09 Tapered Roller Bearing)							
TM		12	4	8000	15 1/2	4 1/4	700TM12709

Cast Iron (09 Tapered Roller Bearing)							
CA		8	4	4000	11	2 1/4	700CA08709
		10	4	4000	13	2 1/2	700CA10709

V-Grooved Drop Forged (01 Roller Bearing/09 Tapered Roller Bearing)							
VF		8	4	10000	11	2 1/4	700VF08709
		10	4	8350	13	2 1/2	700VF10701

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



V-Grooved HD Drop Forged (09 Tapered Roller Bearing)							
VH		8	4	15000	11	2 1/4	700VH08709
		10	4	15000	13	2 1/2	700VH10709

Drop Forged Steel (09 Tapered Roller Bearing)							
FS		8	4	10000	11	2 1/4	700FS08709
		10	4	10000	13	2 1/2	700FS10709

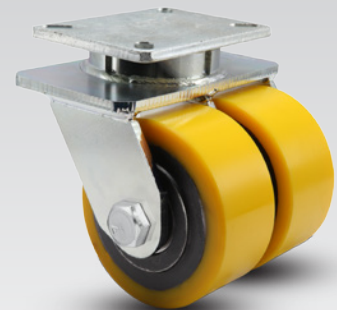
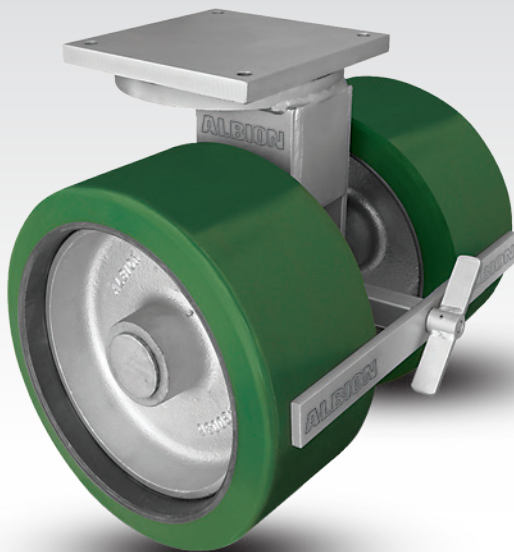
Heavy Duty Drop Forged Steel (09 Tapered Roller Bearing)							
FH		8	4	20000	11	2 1/4	700FH08709
		10	4	20000	13	2 1/2	700FH10709

In addition to the Super Duty 700 Series . . . Albion has all your aviation needs covered

Air Cargo Section: see pages 118-121

Spring Loaded Section: see pages 87-99

Dual Wheel Section: see pages 100-112



A LEADER IN USA MADE CASTERS & ENGINEERED SOLUTIONS.

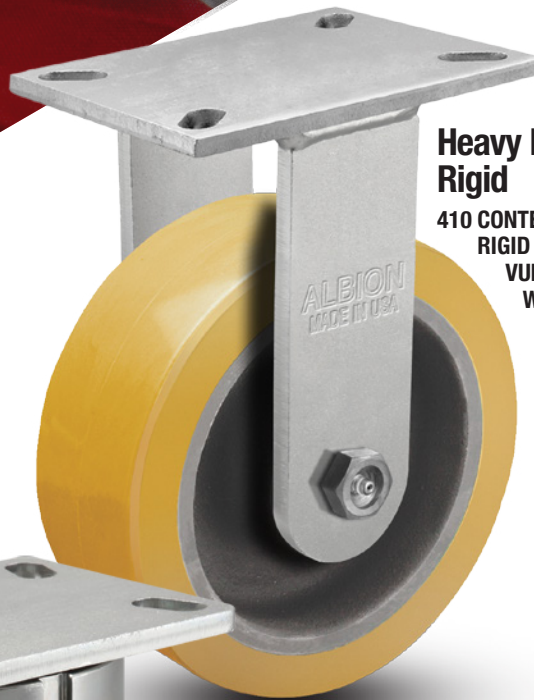
USA designed, manufactured, and tested to provide the highest quality and value for your caster needs. All featuring Albion's industry leading 3 year warranty.



Designed and Made in the USA.



Medium Heavy Duty
16 SERIES with XR WHEEL – Page 24



Heavy Duty Rigid
410 CONTENDER RIGID with VULKOLLAN WHEEL – PAGE 50



Heavy Duty Kingpinless
310 CONTENDER PLB BRAKE with THICK TREAD PX WHEEL – Page 48

Just look for this USA badge!

