

18

Ergonomic Precision Casters

CAPACITY TO 1250



New Ergonomic AX Wheels Now Available



Ergonomic



Maintenance Free



Premium Quality



Environmentally Friendly

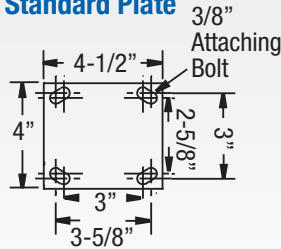
Ergonomically designed for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

TYPICAL APPLICATIONS

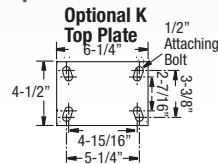
- Picking carts
- Light towing carts
- JIT Carts
- AGV & tow line applications

MOUNTING OPTIONS

Standard Plate

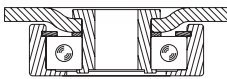


Special Order Plate*



* K Plate available on 6" and 8" wheel diameter models; consult factory

MAINTENANCE FREE SWIVEL CROSS SECTION



FEATURES

- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- **Swivel Section:** Precision sealed ball bearing eliminates need for routine maintenance
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base (swivel only)
- **Axle:** 1/2" diameter solid axle with Lock Nut
- **Maintenance Free:** Lubrication unnecessary with maintenance free swivel section and wheel bearing design
- **Finish:** All parts, except wheel, are zinc plated

BRAKE OPTIONS

To order, add brake code below to end of model. Example: 18XS06229S**FBC**

Face specify **FBC**



Face specify **FBB**



Face specify **FBE**

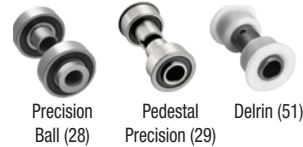


Hand operated field installable swivel lock specify **L**

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



BEARING OPTIONS



- Sealed Precision Swivel
- Maintenance Free Operation
- Smooth, Quiet Ride

+ 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) | Approx. Wt. (Lbs) | Base Caster Number+ |
|-----------|-------------------------|----------------------|--|-------------------------------|----------------------------------|-------------------|---------------------|
| MG | 4 | 2 | 500 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | | 18MG04229 |
| | 5 | 2 | 600 | 6 ¹ / ₂ | 15 ⁵ / ₈ | | 18MG05229 |
| | 6 | 2 | 700 | 7 ¹ / ₂ | 13 ³ / ₄ | | 18MG06229 |
| | 8 | 2 | 700 | 9 ¹ / ₂ | 13 ³ / ₄ | | 18MG08229 |

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number+ |
|-----------|-------------------------|----------------------|--|-------------------------------|--------------------------------|-------------------|---------------------|
| NP | 5 | 2 | 600 | 6 ¹ / ₂ | 15 ⁵ / ₈ | | 18NP05228 |
| | 6 | 2 | 700 | 7 ¹ / ₂ | 13 ³ / ₄ | | 18NP06228 |
| | 8 | 2 | 700 | 9 ¹ / ₂ | 13 ³ / ₄ | | 18NP08228 |

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

X-tra Soft (Flat Tread) (29 Pedestal Precision Bearing)*

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number+ |
|-----------|-------------------------|----------------------|--|-------------------------------|----------------------------------|-------------------------------|---------------------|
| XS | 4 | 2 | 350 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | 6 ¹ / ₄ | 18XS04229 |
| | 5 | 2 | 375 | 6 ¹ / ₂ | 15 ⁵ / ₈ | 7 | 18XS05229 |
| | 6 | 2 | 600 | 7 ¹ / ₂ | 13 ³ / ₄ | 6 ¹ / ₂ | 18XS06229 |
| | 8 | 2 | 675 | 9 ¹ / ₂ | 13 ³ / ₄ | 7 ¹ / ₂ | 18XS08229 |

Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Precision Ball (28) bearings available. Change "29" to other bearing code. Precision Ball example: 18XS04228.

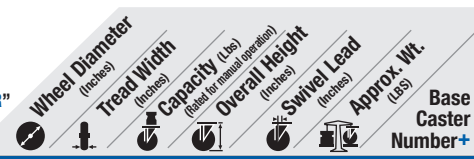
X-tra Soft (Round Tread) (29 Pedestal Precision Bearing)*

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Base Caster Number+ |
|-----------|-------------------------|----------------------|--|-------------------------------|--------------------------------|-------------------------------|---------------------|
| XR | 6 | 2 | 450 | 7 ¹ / ₂ | 13 ³ / ₄ | 6 ¹ / ₂ | 18XR06229 |
| | 8 | 2 | 600 | 9 ¹ / ₂ | 13 ³ / ₄ | 7 ¹ / ₂ | 18XR08229 |

Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Precision Ball (28) bearings available. Change "29" to other bearing code. Precision Ball example: 18XR04228.

Continue on next page >>

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



Polyurethane on Aluminum Flat Tread (29 Pedestal Precision)*

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| PD | 4 | 1 1/2 | 600 | 5 5/8 | 1 11/16 | 5 1/2 | 18PD04129 |
| | 4 | 2 | 700 | 5 5/8 | 1 11/16 | 6 | 18PD04229 |
| | 5 | 1 1/2 | 720 | 6 1/2 | 1 5/8 | 6 | 18PD05129 |
| | 5 | 2 | 1050 | 6 1/2 | 1 5/8 | 6 1/4 | 18PD05229 |
| | 6 | 2 | 1230 | 7 1/2 | 1 3/4 | 6 3/4 | 18PD06229 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 | 18PD08229 |

*Precision Ball (28) Bearings available. Change "29" to other bearing code. Precision Ball example: 18PD04228.

Aubin Industries Swivel-EAZ® Crown Tread (28 Precision Ball Bearing)

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| EY | 4 | 2 | 675 | 5 5/8 | 1 11/16 | | 18EY05228 |
| | 5 | 2 | 900 | 6 1/2 | 1 5/8 | | 18EY05228 |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | | 18EY06228 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | | 18EY08228 |

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

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| EZ | 4 | 2 | 900 | 5 5/8 | 1 11/16 | | 18EZ05228 |
| | 5 | 2 | 1250 | 6 1/2 | 1 5/8 | | 18EZ05228 |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | | 18EZ06228 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | | 18EZ08228 |

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| AX | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 1/2 | 18AX04228 |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 18AX05228 |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 7 | 18AX06228 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 18AX08228 |

85 Shore A

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| PM | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 18PM05228 |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 7 | 18PM06228 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 18PM08228 |

95 Shore A

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|--------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| PM 80A | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 18PM0522880A |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 7 | 18PM0622880A |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 18PM0822880A |

80 Shore A

To Specify Rigid or Swivel, insert "R" or "S" before "80A". Example: 18PM06228R80A.

Polyurethane on Polypropylene (29 Pedestal Precision)*

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| XA | 4 | 2 | 700 | 5 5/8 | 1 11/16 | 5 1/4 | 18XA04229 |
| | 5 | 2 | 750 | 6 1/2 | 1 5/8 | 5 3/4 | 18XA05229 |
| | 6 | 2 | 900 | 7 1/2 | 1 3/4 | 6 1/2 | 18XA06229 |
| | 8 | 2 | 1000 | 9 1/2 | 1 3/4 | 8 1/2 | 18XA08229 |

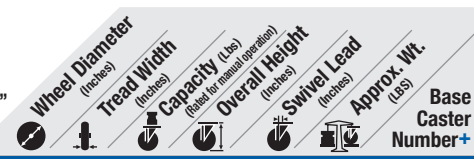
Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Precision Ball (28) bearings available. Change "29" to other bearing code. Precision Ball example: 18XA04228.

X-Treme™ Solid Polyurethane (29 Pedestal Precision)*

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| XI | 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 6 | 18XI04229 |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 1/2 | 18XI05229 |
| | 6 | 2 | 1000 | 7 1/2 | 1 3/4 | 7 1/4 | 18XI06229 |
| | 8 | 2 | 1000 | 9 1/2 | 1 3/4 | 9 | 18XI08229 |

*Precision Ball (28) bearings available. Change "29" to other bearing code. Precision Ball example: 18XI04228.

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



X-Treme™ Plus Solid Polyurethane (29 Pedestal Precision)*

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| XP | 4 | 2 | 1250 | 5 5/8 | 1 11/16 | 6 | 18XP04229 |
| | 5 | 2 | 1200 | 6 1/2 | 1 5/8 | 6 1/2 | 18XP05229 |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 7 1/4 | 18XP06229 |
| | 8 | 2 | 1200 | 9 1/2 | 1 3/4 | 9 | 18XP08229 |

*Precision Ball (28) bearings available. Change "29" to other bearing code. Precision Ball example: 18XP04228.

Solid Elastomer (28 Precision Ball Bearing)*

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| SE | 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 6 | 18SE04228 |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 1/2 | 18SE05228 |
| | 6 | 2 | 1100 | 7 1/2 | 1 3/4 | 7 1/4 | 18SE06228 |
| | 8 | 2 | 1200 | 9 1/2 | 1 3/4 | 9 | 18SE08228 |

*Delrin (51) bearings available. Change "28" to other bearing code. Delrin example: 18SE04251.

Maxim® (29 Pedestal Precision Bearing)*

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| NG | 3 1/4 | 2 | 800 | 5 1/4 | 1 11/16 | 6 | 18NG03229 |
| | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 6 | 18NG04229 |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 1/2 | 18NG05229 |
| | 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 7 1/4 | 18NG06229 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 9 | 18NG08229 |

Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Precision Ball (28) bearings available. Change "29" to other bearing code. Precision Ball example: 18NG04228.

White Nylon (29 Pedestal Precision Bearing)*

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| NW | 5 | 2 | 600 | 6 1/2 | 1 5/8 | 6 1/2 | 18NW05229 |
| | 6 | 2 | 900 | 7 1/2 | 1 3/4 | 7 1/4 | 18NW06229 |
| | 8 | 2 | 1100 | 9 1/2 | 1 3/4 | 9 | 18NW08229 |

*Delrin (51) bearings available. Change "29" to other bearing code. Delrin example: 18NW04251.

Heavy Duty Glass Filled Nylon (28 Precision Ball Bearing)

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| DT | 4 | 2 | 800 | 5 5/8 | 1 11/16 | | 18DT04228 |
| | 5 | 2 | 1000 | 6 1/2 | 1 5/8 | | 18DT05228 |
| | 6 | 2 | 1200 | 7 1/2 | 1 3/4 | | 18DT06228 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | | 18DT08228 |

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| Model | Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (lbs) | Base Caster Number |
|-------|-------------------------|----------------------|----------------|-------------------------|----------------------|-------------------|--------------------|
| NX | 4 | 2 | 1250 | 5 5/8 | 1 11/16 | 8 | 18NX04228 |
| | 5 | 2 | 1250 | 6 1/2 | 1 5/8 | 9 | 18NX05228 |
| | 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 10 3/4 | 18NX06228 |
| | 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 11 | 18NX08228 |