

ALBION CASTER CATALOG



ALBION[®]

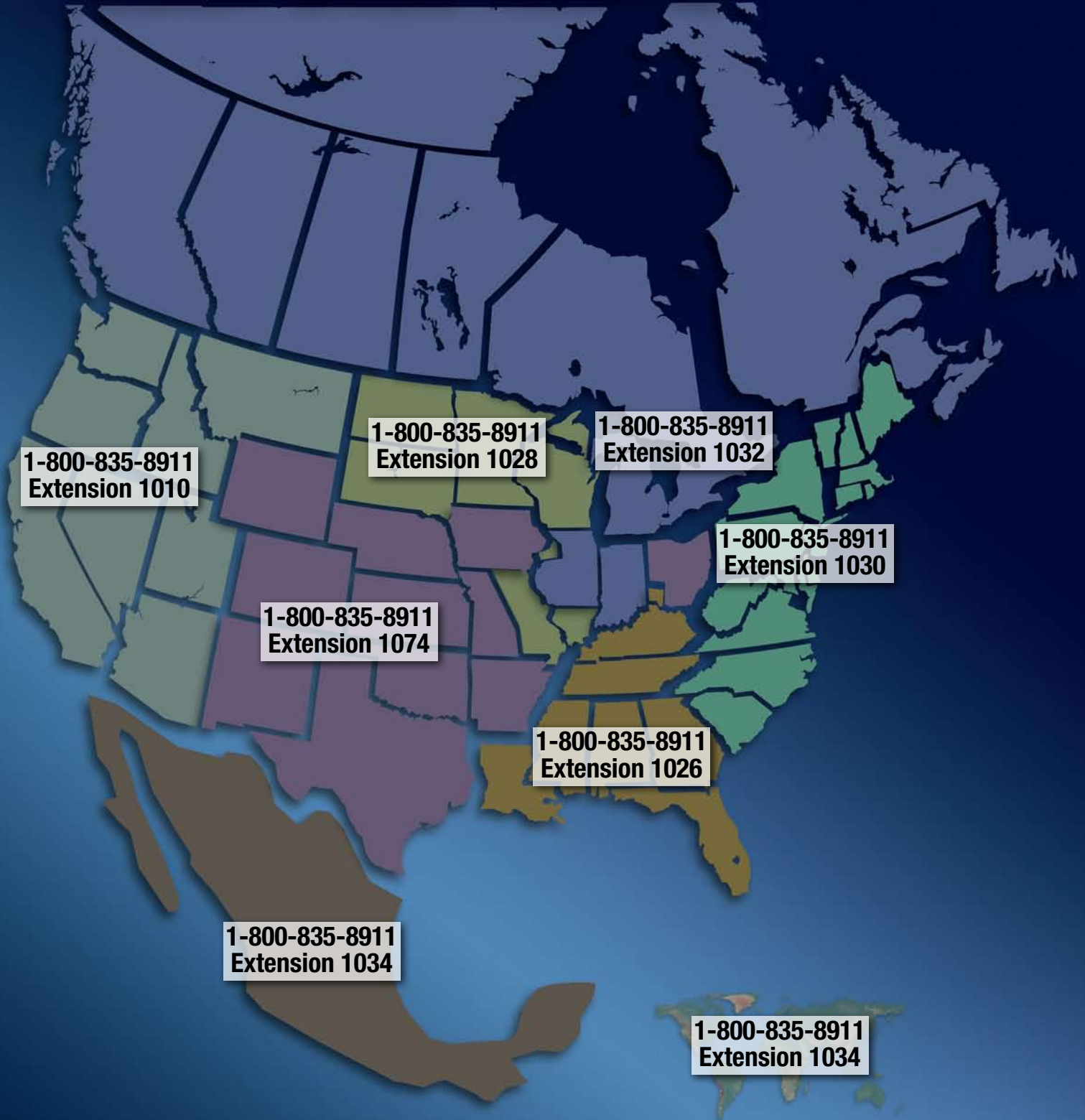
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Yellow is new model

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Fallshaw Deluxe Casters



Albion is the Exclusive Supplier of the Fallshaw Product Line in America

Albion now has a complete line of light duty casters for the store fixture, display, medical equipment and furniture markets.

Fallshaw is Australia's largest manufacturer of wheels and casters and has a large range of industrial, furniture and medical casters – designed with signature style, very competitive prices and first-class quality and performance.

See pages 37-50



Contender Kingpinless 130/330 Stainless Steel Casters

Sometimes Even Heavy Duty Casters Need Protection from the Elements

- Premium 304 type stainless steel plates and legs
- Premium 316 type stainless swivel section/yoke base for even greater strength and corrosion protection
- Kingpinless design is a proven workhorse for the most abusive applications

See pages 106-107 (130 Series); 110-111 (330 Series)



Albion is Green in More Ways Than One

Are Your Casters Green?

Albion prides itself on being a leader in the caster industry ... not only in product innovation and service ... but also environmental stewardship of our planets precious natural resources.



New Gate Casters



- Easy to install
- Easy to open and shut

See page 144



Albion Bumpers

Serious protection for your equipment.

We're not saying our bumpers will take a bullet for you like a secret service agent. But, Albion is pleased to announce a new line of bumpers that look good while protecting your equipment, walls and other structures 24 hours a day ... 7 days a week.

See page 205



Albion 41 Series Spring Loaded Casters

Spring into Safety

- Springs are encapsulated and protected by a urethane SpringGuard™ for added safety

See page 66



Albion Contender 141 Series Spring Loaded Casters

Perfect for Automotive and Aviation Industry

- Protects cargo from damaging shocks and unwanted vibration
- Unique polyurethane spring design is durable and corrosion resistant
- Solid spring material features no spring coil where debris can jam spring action

See page 128



Caster Express is Here!

- 24 hour shipping
- One week shipping for modified standard product
- Over 1,000 items now in caster express program
- Continuously adding models ... check frequently
- www.casterexpress.com

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Mmmm ... High Temperature Wheels that Bakeries Can Appreciate!

Preheat Oven to 485° and Relax

- Albion MV/MZ rubber tread high temperature wheels
- Excellent wheels for bakery racks
- Soft Tread Wheels Protect Your Floors

Casters see page 28
Wheels see page 190



Lock and Load with Albion ERGOmatic Floor Locks

- Ergonomically designed extended pedals make this floor lock the best in the industry!
- Bright safety yellow powder coating
- Easy to operate – even with steel toed boots.

See page 200

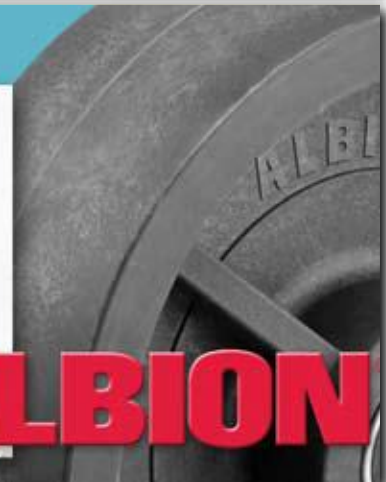


What Happens When Albion's "Mad Engineers" Mix Polypropylene and Fiberglass?

Answer: A wheel that lasts 3 times longer than the competition

- Introducing Albion GP fiberglass filled polypropylene wheels
- Economical high performance wheel

See page 162



ALBION

A New Spin on a Tried & True Swivel Plate

Introducing a Complete Line of Albion Turntables

- Capacity up to 10 tons
- A proven workhorse in the most abusive applications
- Maximize workspace ... enables workers to remain in one position and rotate items they're working with from all sides



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See page 204

Albion Ultimate X-tra Soft Rubber Handtruck Wheels

- Rolls and maneuvers easily
 - No "Air Pressure Hassles"
 - Attractive appearance
 - Excellent impact resistance
 - Excellent floor protection
 - Excellent weather resistance
 - Easy to clean
- See page 192

Ultimate Appearance
Ultimate Rollability
Ultimate Performance



Your Clean Room Needs Clean Casters

Introducing Albion White Nylon NW Wheels



- Composed of injection molded white nylon
- Maximum performance, economical solution for your most demanding caster applications

See page 155



Go Green ... With New Albion Empire Polyurethane Wheels

Introducing Albion Empire IZ and IX Polyurethane Caster Wheels

- Polyurethane tread mechanically locked to polypropylene core to prevent separation
- Capacity up to 900 lbs per wheel
- Excellent floor protection



See page 178



Albion Empire Expands!

Introducing F2/F4 Empire Casters

- Excellent general purpose economical caster
- Light on the pocket book ... heavy on performance
- F2 Empire casters feature single ball raceway
- F4 Empire casters feature double ball race way



See page 23-28



Albion Product Numbering System

CASTERS

16PD06201S is a 16 Series 6" x 2" swivel top plate caster with Polyurethane/Aluminum core wheel and straight roller bearing. See below for caster number breakdown.

| | | | | | |
|-------------------------------------|---|------------------------------------|---|---|---|
| 16 | PD | 06 | 2 | 01 | S |
| | | | | | |
| Caster Series (16 Series) | Wheel Code (PD is Polyurethane on aluminum core) (see Wheel Section for codes, page 147 to 193) | Diameter Code (06 is 6") | Tread Width Code (2 is 2") 0: Less than 1-1/2 1: 1-1/2 to 1-5/8 2: 1-3/4 to 2 3: 2-1/8 to 2-7/16 4: 2-1/2 to 2-3/4 5: 2.8 to 3-3/8 6: 3-1/2 to 3-7/8 7: 4 to 4-7/8 8: 5 to 5-1/2 9: Over 5-1/2 X: 3-1/2 Dia. Wheel | Bearing Code (01 is Straight Roller Bearing) (see Bearing Section for codes, page 13) | Swivel/Rigid Code (S is swivel, R is rigid) |

OPTIONAL FEATURES

To be listed under the caster model number when ordering. Note: Some brake and swivel lock options are now placed at the end of the part number. Please see individual series for option designation.

| | |
|---|---|
| CB | 16 |
| | |
| Option Code (CB is cam style brake) | Option Code (In this case cam style brake for 16 series caster) |

WHEELS

PD0620112 is a 6" x 2" Polyurethane/Aluminum core with 3/4" straight roller bearing.

| | | | | |
|---|------------------------------------|--|---|--|
| PD | 06 | 2 | 01 | 12 |
| | | | | |
| Wheel Code (PD is Polyurethane on aluminum core) (see Wheel Section for codes, page 147 to 193) | Diameter Code (06 is 6") | Tread Width Code (2 is 2") 0: Less than 1-1/2 1: 1-1/2 to 1-5/8 X: 1-1/4" tread width for 3-1/2" Dia. Wheels 2: 1-3/4 to 2 3: 2-1/8 to 2-7/16 4: 2-1/2 to 2-3/4 5: 2.8 to 3-3/8 6: 3-1/2 to 3-7/8 7: 4 to 4-7/8 8: 5 to 5-1/2 9: Over 5-1/2 | Bearing Code (01 is Straight Roller Bearing) (see Bearing Section for codes, page 13) Note: for wheel less bearing order 41 or 00 depending on wheel--see wheel section pages 147-193) | Bearing ID Code (12 is 3/4") Bearing I.D. for wheels with bearing. Wheel bore I.D. for wheels less bearing. In 1/16" increments, for example: 12 divided by 16 or 3/4" Common Bore Sizes: 19 = 1-3/16 31 = 1-15/16 39 = 2-7/16 |

RIGS

16YA06201S is a Medium-heavy duty swivel rig that would accommodate the above 6" x 2" PD wheel.

| | | | | | |
|-------------------------------------|---|------------------------------------|---|--|---|
| 16 | YA | 06 | 2 | 01 | S |
| | | | | | |
| Caster Series (16 Series) | Rig Code (YA is rig only designation) YA: Standard YB: Moldon Lead YJ: Ball Load YN: Semi-Pneumatic YO: Full Pneumatic (Note: not all options included) | Diameter Code (06 is 6") | Inside Leg Spacing Code (2 means that rig fits 1-3/4" to 2" tread width wheel) See Tread Width Code in WHEELS above. | Axle/Nut Code (01 indicates Stripped rig, no parts) 00: Rig comes with axle, nut, spanner and thrust washers 03: Complete with axle and nut. | Swivel/Rigid Code (S is swivel, R is rigid) |

Albion Meets Industry Standards for Quality and Sanitation

ISO9001:2008 Certified



ISO9001:2008 Certified
 Certification Number AGS-US121909

Food Service



With Baking Industry Sanitation Standards Committee (BISSC) certification and NSF International listing, Albion is a proven supplier for those industries requiring the most stringent of sanitation standards. Albion's dedication to certification and meeting industry requirements brings confidence with every product.

Providing Leadership Through Association Participation



RoHS Compliant

RoHS Regulations state that from 1 July 2006 a producer may not put new electrical and/or electronic equipment containing lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE), in amounts exceeding the set maximum concentration values, on the market in the European Union.






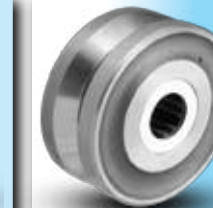
We at Albion Industries, Inc. do hereby certify our products that are standard zinc plated and powder coated do comply with the RoHS regulations as set forth by the European Union.

Albion Warranty


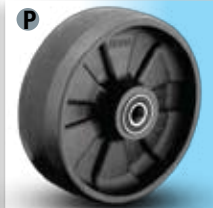
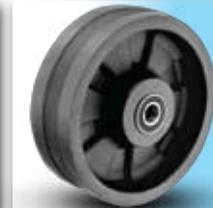



EACH ALBION PRODUCT IS WARRANTED AGAINST DEFECTS IN MATERIAL AND WORKMANSHIP FOR ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE, UNLESS IT HAS BEEN MISUSED, ABUSED, MODIFIED, OR IMPROPERLY INSTALLED. ANY PRODUCT THAT IS CLAIMED TO BE DEFECTIVE THAT IS RETURNED TO ALBION WITH ITS APPROVAL WILL BE REPAIRED OR REPLACED FREE OF CHARGE (EXCLUDING FREIGHT AND INSTALLATION). THIS WARRANTY IS EXCLUSIVE AND THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, SUCH AS AN IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. THIS REMEDY IS THE SOLE REMEDY IN CONTRACT, TORT OR OTHERWISE, AND ALBION IS NOT LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Wheel Selection Guide

Metal Tread Wheels

| | | | | | |
|--|---|--|--|---|---|
|  Cast Iron (CA), (CW), (CH) Pages 147-148 |  Flanged Cast Iron (FL), (FD) Page 150 |  V-Groove Cast Iron (VG), (VL) Page 151 |  Drop Forged Steel (FS), (FH) Page 152 |  Ductile (FM), (FR), (VM 151) Page 153 |  V-Groove Drop Forged Steel (VF), (VH) Page 154 |
|--|---|--|--|---|---|

Nylon Tread Wheels

| | | | | | |
|---|---|--|---|--|---|
|  Hi-Temp Nylon (HE) Durable high temp Page 155 |  Maxim® (NG) Nylon and fiberglass Page 156 |  Maxim® NR Noise Reduction (NR) Page 156 |  Trionix™ (NY) High impact polymer Page 157 |  Trionix™ (NX) High impact polymer Page 157 |  White Nylon (NW) High impact polymer Page 155 |
|---|---|--|---|--|---|

Phenolic Tread Wheels

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|  Phenolic (TH), (TS), (TM) , Pages 158-160 |  Laminated Phenolic (TL) Page 158 |  High Temp Phenolic (TR) Pages 159-160 |  Polypropylene (PB) Page 161 |  White Polypropylene (PW) Page 161 |  RETORT Hi-Temp Polypropylene (RW) Page 161 |
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Polypropylene Tread Wheels

Polypropylene Cont.

Polyurethane Tread Wheels

| | | | | | |
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|  Polypropylene Nylon Glass Filled (GP) Page 162 |  Polyurethane Press On Tire (OG) Pages 173-174 |  Press-On Mini Polyurethane (OG) Page 175 |  Polyurethane On Aluminum Core (PA), (PD) Page 170 |  Round Tread Polyurethane on Aluminum Core (PM) Page 171 |  Polyurethane V-Groove (XV) Page 171 |
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Polyurethane Tread Wheels Continued

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|  Polyurethane on Iron Core (PY), (PH) Pages 167-168 |  Polyurethane On Cast Iron core (PI) Page 177 |  Thick Tread Polyurethane on Iron Core (PX) Page 169 |  Polyurethane on Polypropylene (XA) Page 176 |  Light Duty Polyurethane on Polypropylene (XA) Page 176 |  Shopping Cart Wheels (XB) Page 176 |
|---|---|---|---|--|---|

P = Prevenz Antimicrobial models available.

Wheel Selection Guide

Polyurethane Tread Wheels Continued



X-Treme Solid Polyurethane (XI)
Page 172



X-Treme Plus Solid Polyurethane (XP)
Page 172



Vulkollan® on Cast Iron (VY)
Page 165



Thick Tread Vulkollan® on Cast Iron (VX)
Page 166



Mold-On Rubber Aluminum Core (MD)
Page 179



Rubber (RR/RN)
Page 185

Rubber Tread Wheels

Rubber Tread Wheels



Heavy Duty Mold-On Rubber on Iron Core (MH)
Page 183



High Temp Rubber on Aluminum (MV)
Page 190



High Temp Rubber on Phenolic (MZ)
Page 190



High Modulus Grey (RM)
Page 184



High Modulus Black (RL)
Page 184



Mold-on Rubber on Iron Core (MR)
Page 180-181


Rubber Tread Wheels Continued




Rubber Press On Tire (OA)
Page 185



Full Pneumatic Black (SF), Gray (SG)
Page 187-188



Brass Full Pneumatic Gray & Black Tread (SF)
Page 188



Hand Truck Wheel (SO)
Page 188



Semi-Pneumatic (SN)
Page 188



Never-Flat Tire (NF)
Page 189

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Ultimate X-tra Soft Flat Tread (XS)
Page 192



Ultimate™ X-tra Soft Round Tread (XR)
Page 192



Conductive X-tra Soft Round or Flat (XX/XY)
Page 191-192



Ultimate X-tra Soft Handtruck (XR)
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Polypropylene (IB)
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Rubber on Iron (IM)
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Empire Wheels

Empire Wheels Continued



Cast Iron (IC)
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Polyurethane on Iron (IP)
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Polyurethane on Polypropylene (IX)
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Polyurethane on Polypropylene Round (IZ)
Page 178



TPR on Polypropylene Flat (IS)
Page 193



TPR on Polypropylene Round (IR)
Page 193

P = Prevenz Antimicrobial models available.

Wheel Selection Chart

WHEEL SELECTION

| Wheel Type | Wheel Description | Capacity Range (lbs) | Size Range (Inches) | Floor Protection | Rollability | Chemical Resistance | Temperature Range (Deg. F) |
|---------------|-------------------------------------|----------------------|---------------------|------------------|-------------|---------------------|----------------------------|
| SOFT | | | | | | | |
| MG* | Neoprene/Alum | 250 | 4 to 8 | High | Fair | Good | -40 to +180 |
| MX* | Rubber/Nylon | 450 | 4 to 8 | High | Best | Good | -40 to +180 |
| MD | Mold-on Rubber/Aluminum | 250 - 600 | 4 to 8 | High | Fair | Good | -40 to +180 |
| MH | Mold-on Rubber/Aluminum (HD) | 250 - 600 | 4 to 8 | High | Fair | Good | -40 to +180 |
| MR | Mold-on Rubber/Iron Hi-Temp | 140 - 3020 | 3-1/4 to 20 | High | Fair | Good | -40 to +180 |
| IM | Mold-on Rubber/Iron | 350 - 450 | 4 to 8 | High | Fair | Good | -40 to +180 |
| RR | Soft Rubber (Solid) | 125 - 360 | 3 to 8 | High | Fair | Good | -40 to +180 |
| RN | Hard Rubber (Solid) | 125 - 360 | 3 to 8 | High | Fair | Good | -40 to +180 |
| RM | High Modulus Rubber/Alum. (Gray) | 300 - 450 | 5 to 8 | High | Fair | Good | -40 to +180 |
| RL | High Modulus Rubber/Alum. (Black) | 300 - 450 | 5 to 8 | High | Fair | Good | -40 to +180 |
| OA | Press-On Rubber | 1270 - 10190 | 8-1/2 to 22 | High | Fair | Fair | -40 to +180 |
| OA | Deluxe Press-On Rubber | 2040 - 6340 | 13 to 22 | High | Fair | Fair | -40 to +180 |
| SF | Full Pneumatic | 200 - 3630 | 6 to 25.7 | High | Fair | Fair | -40 to +180 |
| SF | Full Pneumatic (Brass) | 210 | 8 | High | Fair | Fair | -40 to +180 |
| SO | Full Pneumatic (Hand truck) | 350 | 10.5 | High | Fair | Fair | -40 to +180 |
| SN | Semi-Pneumatic (Hand truck) | 200 - 540 | 6.2 to 12 | High | Fair | Fair | -40 to +180 |
| NF | Never-Flat | 300 - 350 | 8 & 10 | High | Fair | Fair | -40 to +180 |
| XS | X-tra Soft Rubber (Flat Tread) | 200 - 675 | 3 to 10 | High | Good | Good | -45 to +180 |
| IS | TPR Soft Rubber (Flat Tread) | 300 - 600 | 4 to 8 | High | Good | Good | -45 to +180 |
| XR | X-tra Soft Rubber (Round Tread) | 200 - 850 | 6 to 10 | High | Good | Good | -45 to +180 |
| IR | TPR Soft Rubber (Round Tread) | 250 - 550 | 4 to 8 | High | Good | Good | -45 to +180 |
| MEDIUM | | | | | | | |
| NW | Nylon | 600 - 0100 | 5 to 8 | High | Good | Good | -20 to +250 |
| OG | Polyurethane Press-on | 1690 - 10900 | 8-1/2 to 18 | Medium | Good | Good | -40 to +180 |
| OG | Polyurethane Press-on (Mini) | 2240 - 6600 | 5 to 10-1/2 | Medium | Good | Good | -40 to +180 |
| PA | Polyurethane/Alum (95 Shore A) | 1200 - 7500 | 4 & 12 | Medium | Good | Good | -40 to +180 |
| PD | Polyurethane/Alum (60 Shore D) | 600 - 3000 | 4 to 10 | Medium | Good | Good | -40 to +180 |
| PM | Polyurethane/Alum (Round) | 1000 - 1500 | 5 & 8 | Medium | Good | Good | -40 to +180 |
| PB | Polypropylene (Black) | 250 - 1000 | 3 to 8 | Medium | Good | Best | -20 to +180 |
| IB | Polypropylene (Black) | 400 - 900 | 4 to 8 | Medium | Good | Best | -20 to +180 |
| PW | Polypropylene (White) | 250 - 750 | 3 to 6 | Medium | Good | Best | -20 to +180 |
| RW | Hi-Temp Polypropylene (White) | 300 - 900 | 3 to 8 | Medium | Good | Best | -20 to +290 |
| GP | Polypropylene/Fiberlass | 800 - 01400 | 4 to 8 | Medium | Good | Best | -20 to +250 |
| PX | Polyurethane/Iron (Thick Tread) | 2040 - 7700 | 6 to 16 | Medium | Good | Good | -40 to +180 |
| PH | Polyurethane/Iron (Heavy Duty) | 1230 - 3420 | 6 to 12 | Medium | Good | Good | -40 to +180 |
| PY | Polyurethane/Iron | 420 - 8400 | 3-1/4 to 18 | Medium | Good | Good | -40 to +180 |
| PI | Polyurethane/Iron | 700 - 3500 | 4 to 12 | Medium | Good | Good | -40 to +180 |
| IP | Polyurethane/Iron | 700 - 900 | 4 to 8 | Medium | Good | Good | -40 to +180 |
| XA | Polyurethane/Polypropylene | 300 - 1500 | 3 to 10 | Medium | Good | Best | -40 to +180 |
| IX | Polyurethane/Polypropylene | 500 - 0900 | 4 to 8 | Medium | Good | Best | -40 to +180 |
| XB | Polyurethane Shopping Cart | 350 | 5 | Medium | Good | Best | -40 to +180 |
| XI | X-treme™ Solid Elastomer | 1000 | 4 to 8 | Medium | Best | Good | -30 to +200 |
| XP | X-treme™ Plus Solid Elastomer | 1400 - 2500 | 4 to 10 | Medium | Best | Good | -30 to +200 |
| XV | Polyurethane V-Grooved | 300 | 4 to 8 | Medium | Good | Good | -40 to +180 |
| VY | Vulkolan® Polyurethane/Iron | 2350 - 6925 | 6 to 12 | Medium | Best | Good | -40 to +180 |
| VX | Vulkolan® (Thick Tread) | 2350 - 5000 | 6 to 10 | Medium | Best | Good | -40 to +180 |
| HARD | | | | | | | |
| CA | Cast Iron | 300 - 6000 | 3 to 18 | Low | Best | Fair | -40 to +800 |
| IC | Cast Iron (Class 18) | 700 - 900 | 4 to 8 | Low | Best | Fair | -40 to +800 |
| CW | Cast Iron (Large Bore) | 6000 - 8000 | 8 | Low | Best | Fair | -40 to +800 |
| CH | Cast Iron (Heavy Duty) | 1500 - 1800 | 5 to 8 | Low | Best | Fair | -40 to +800 |
| FS | Drop Forged Steel | 1400-10000 | 4 to 10 | Low | Best | Fair | -40 to +800 |
| FH | Drop Forged Steel (Heavy Duty) | 17000-20000 | 6 to 8 | Low | Best | Fair | -40 to +800 |
| FM | Ductile Iron | 1500-6000 | 5 to 12 | Low | Best | Fair | -40 to +800 |
| FR | Ductile Iron (Full Radius) | 1500-6000 | 5 to 10 | Low | Best | Fair | -40 to +800 |
| FL | Flanged (Single) | 500 - 3000 | 3 to 14 | Low | Best | Fair | -40 to +800 |
| FD | Flanged (Dual) | 500 - 2000 | 5 & 10 | Low | Best | Fair | -40 to +800 |
| VG | V-Grooved (Cast Iron) | 800 - 3500 | 4 to 10 | Low | Best | Fair | -40 to +800 |
| VM | V-Grooved (Ductile Iron) | 3500-6000 | 6 to 10 | Low | Best | Fair | -40 to +800 |
| VL | V-Grooved (Iron Large Bore) | 4000 | 8 & 10 | Low | Best | Fair | -40 to +800 |
| VF | V-Grooved (Forged Steel) | 6000-10000 | 6 & 10 | Low | Best | Fair | -40 to +800 |
| VH | V-Grooved (Forged Steel Large Bore) | 10000-15000 | 6 to 10 | Low | Best | Fair | -40 to +800 |
| HE | Hi-Temp Nylon | 600 - 1400 | 3 to 8 | Med/Low | Best | Best | -40 to +550 |
| MZ | Hi-Temp (Rubber on Phenolic) | 700 | 4 | High | Best | Best | -40 to +485 |
| NG | Maxim® | 700 - 1400 | 3-1/4 to 8 | Med/Low | Best | Best | -40 to +250 |
| NR | Maxim® (Noise Reduction) | 700 - 1500 | 3-1/4 to 10 | Med/Low | Best | Best | -40 to +180 |
| NY | Trionix™ High Impact Polymer | 1750-2500 | 8 to 10 | Medium | Best | Best | -15 to +185 |
| NX | Trionix™ High Impact Poly (Solid) | 2160-720 | 4 to 10 | Medium | Best | Best | -30 to +220 |
| TH | Phenolic (Straight Sided) | 1000 - 1500 | 4 to 6 | Med/Low | Best | Fair | -65 to +250 |
| TS | Sanitary Phenolic (Straight Sided) | 500 - 1400 | 4 to 8 | Med/Low | Best | Fair | -65 to +250 |
| TL | Laminated Phenolic | 8000 | 6 | Med/Low | Best | Fair | -65 to +250 |
| TM | Phenolic (Black) | 400 - 8000 | 3 to 18 | Med/Low | Best | Fair | -65 to +250 |
| TR | Phenolic (Reddish Green) | 400 - 8000 | 3 to 18 | Med/Low | Best | Fair | -65 to +475 |

Capacity Ratings

Caster and wheel capacities shown in this catalog are based on the following conditions or have been established through industry standards and accepted usage.

General Conditions

All ratings are based on operation over smooth floors, rails or tracks with no obstructions or severe shock loads. All bearings must be properly lubricated. Conditions of excessive temperature, excessive dirt or other contaminants will reduce capacity and will minimize performance. Capacity ratings cannot be used when product is misapplied or modified.

Manual Operation

Manual operation capacities apply to non-powered movement of loads only.

Power Operation

Tractor drawn, mechanically moved conveyor or tow line require specifically designed casters to withstand conditions encountered in these mechanically powered operations. Consult ALBION's Engineering Department for specific recommendations concerning your particular application.

All Casters and wheels are rated up to 2.5 mph operation per the Institute of Caster & Wheel Manufacturers Guidelines.

*Coming Soon.

Wheel Bearing Selection Guide



Roller (01,05,07)

Roller bearings are the standard bearing in most caster applications. 1-1/2 and 2 inch width wheels feature a cage separating hardened steel rollers and a hardened steel split outer race. These bearings must be used on a hardened bushing or shaft. Maximum temperature range is 350°F. All Casters and wheels are rated up to 2.5 mph operation per the Institute of Caster & Wheel Manufacturers Guidelines.



Precision Sealed Ball (28)

Completely sealed, these precision ground ball bearings are held in a metal spacer ring between two hardened raceways. This bearing never needs to be lubricated, and with the lowest rolling resistance of all bearings offers the most ergonomic situation available. Maximum temperature range is 250°F.



Drawn Cup Roller (02)

These are roller bearings as described above except they have metal cages holding the precision ground rollers. The outer race is a one-piece construction, giving added rigidity to the wheel bore. These bearings must be used on a hardened bushing or shaft. Maximum temperature range is 400°F.



Pedestal Precision Ball (29)

These sealed precision ball bearings include an integral spanner which eliminates need for separate spanner. Maximum temperature range is 250°F.



Precision Tapered Roller (09)

The tapered roller is the most effective bearing for heavy or towed loads. The taper allows for some thrust loading, while the heat-treated inner and outer race allow for maximum load capacity. Maximum temperature range is 400°F.



Annular Ball (31)

A precision type bearing where the machined outer race and inner race are held together by the bearings. This option offers easy rolling and quiet operation for light to medium duty loads. This bearing must be factory installed in the wheel. Maximum temperature range is 250°F.



Bronze (22)

Excellent for wash-down or steam cleaning applications. Bearings is designed for temperatures up to 525°F.



Plain Bore (41)

In this option, no bearing material is used. The wheel runs directly on the axle or spanner bushing. This is the least expensive bearing option, but also results in a higher rolling resistance.



Oilex (23)

These bearings are made of oil-impregnated sintered iron. Completely self-lubricating, these are ideal for situations where rolling force is less critical and accessibility for lubrication is difficult. Maximum temperature range is 450°F.



Two Piece Delrin (51)

A DuPont™ engineered material, Delrin is designed for use in situations in which a self-lubricating material is optimal and corrosion cannot be tolerated. Ideal for wash-down or steam-cleaning applications as well as total immersion. Maximum temperature range is 160°F.



Radial Ball (Industrial Ball) (27)

Shielded ball bearings are often referred to as "industrial grade" bearings. Pressed into the hub of lower capacity wheels, these low cost bearings decrease the effort required to move a load. Maximum temperature range is 250°F.



One Piece Delrin (52)

This is a one-piece version of the Delrin bearing listed above. Good for use where thrust washers are needed or to add rigidity to a soft wheel which might cause the two piece bearing to be ejected from the bore of the wheel. Maximum temperature range is 160°F.

Caster Survey

With the popularity of castered equipment comes some problems for many large facilities. Whether a facility is a manufacturer of automobiles, a wholesale bakery, a warehouse, or a large hotel, the problems are the same. These plants buy their rolling equipment from a number of different sources (OEM's). As a result, there is a wide variety of caster brands, sizes and types used in these facilities. The problems this creates are:

- Identification of casters for replacement orders.
- Plants have to carry many styles and brands in their store rooms for replacement.
- The same piece of rolling equipment could be using three different types or sizes of casters.
- Some castered equipment could be "under castered" for its application which could lead to labor complaints or premature failures.
- Buyers place many orders with different suppliers in order to replace the many brands of the rolling equipment in their plant which results in higher order costs.
- The many sizes and brands create confusion between buyer and maintenance as to what brand and size goes on what piece of rolling equipment.
- Lack of local stock on some caster models causes rolling equipment to be unproductive while the plant waits for casters.

**But we have the solution:
A caster survey.**

This easy-to-read survey form recommends a specific caster model for each piece of rolling equipment in the facility. There is no longer the need to take measurements of the caster, look up old invoices to determine where they bought it last, or remember model numbers. The customer can consolidate the large range of sizes being used into a select few. This survey would give the customer the right caster for the right job and remove complaints of "under casting," poor wear and many orders to different suppliers.

After a plant caster survey is completed, you will know exactly what models the plant surveyed will use. We will help you conduct a caster survey at your request.

For more information, please contact your Inside Sales Coordinator at 1.800.835.8911 or email@albioninc.com.

Distributor Name: _____ Distributor Contact: _____
 Phone: _____ E-mail: _____
 End User: _____ End User Contact: _____
 End User Phone: _____

Marketing Information:

Equipment Name or Description: _____
 Caster Currently Being Used (Manufacturer and Part Number): _____
 Other Competitors Bidding on this job? _____
 Price Point: _____ Delivery Date: _____
 Previous Quote #: _____
 Quote Quantities: _____, _____, _____, _____, _____
 Follow Up Call Required? _____ By When? _____

Engineering Information:

Number of casters required per unit: Rigid _____ Swivel _____

Critical Dimensions:

Top Plate Size: _____ Bolt Hole Spacing: _____ Overall Hgt: _____ Swivel Radius _____
 Swivel Lead: _____ Is shock absorption required? Yes _____ No _____
 Wheel Type: _____ Diameter: _____ Tread Width: _____ Hub Length: _____

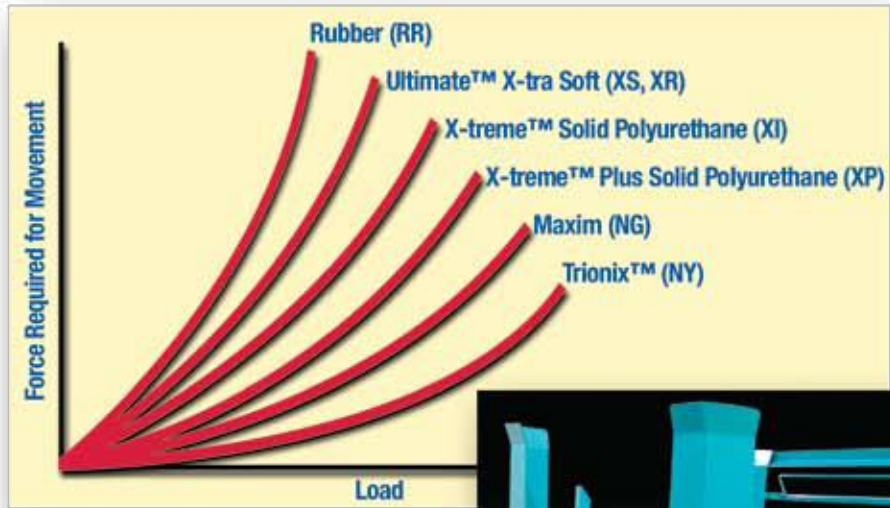
Options (brakes, locks, seals): _____
 Total maximum weight (including cart): _____
 Floor Material & Condition: _____
 Ergonomic considerations: None _____ Rollability _____
 Environmental Factors (oil, dust, chemicals): _____
 Operating Temperature (range & duration): _____
 Shock Loads? Yes _____ No _____
 Side Thrust? Yes _____ No _____
 Movement: Manual: _____ Powered _____
 Maximum Speed: _____
 Frequency of Use: Continuous: _____
 Intermittent: _____
 Additional Operating Information: _____

Ergonomic Professionals

Albion knows ergonomics.

For more than 50 years Albion Industries, Inc. has been committed to easing the load of moving products through your facility. Long before ergonomics was popular, we were developing casters and wheels to reduce fatigue, reduce repetitive motion and improve productivity.

We have accelerated efforts to develop casters that ease the effort needed to start a cart in motion or swivel while in operation. Also, we explore the latest materials technologies to deliver wheels that offer the best performance and the best ergonomic qualities.



Leading the way in Albion's efforts toward ergonomic excellence is our zero-maintenance 18 Series Caster. These casters reduce the effort needed to bring a caster in line by over 30% in contrast to standard dual ball raceway construction. Plus the sealed precision bearing in the swivel reduces noise by 15% compared to standard construction. Add in the zero maintenance and you've got a product certain to improve your bottom line and reduce repetitive strain on your employees.

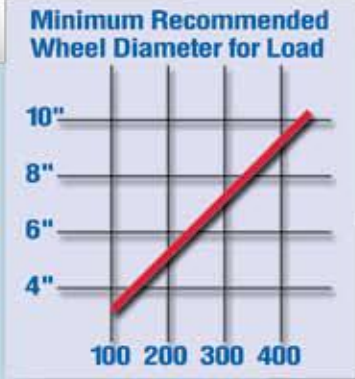


Albion Ergonomic casters and wheels are designed for applications where maximum rolling ease and maneuverability are the primary considerations.

Ergonomic Approved Wheel Bearings

Precision Ball Bearings

Completely sealed, precision ground ball bearings constructed with hardened raceways to give you the ultimate in rolling ease. Lowest rolling resistance of all of our bearings. Never needs to be lubricated to cut maintenance time and cost.



Ergonomic Approved Wheels



ALBION ERGONOMIC CASTERS

- Easy to start rolling
- Easy to keep rolling
- Easy to maneuver
- Quiet operating
- Minimum operator fatigue
- Reduces maintenance
- Improves productivity

Polyurethane Professionals

Albion Industries knows polyurethane.

With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our caster and wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.



Vulkollan (VY and VX)
Premier polyurethane on cast iron now available!



Capabilities:

- **Multiple Durometers**—Standard polyurethane durometers are 80A and 95A. We do manufacture other durometers upon request
- **Custom Colors**—Custom colors are available upon request
- **Keyways**—Albion standard keyway inserts are available for next day turn around. Specialty keyways are machined to any configuration
- **Cutter bars, brakes, and sound dampening pads** available
- **Compression molding**
- **Custom machining and crown facing**
- **Custom Branding**—Your order can be customized to “make it your own” by using a custom color, special durometer or product name insert on the wheel
- **Specialty Wheel Development**—Albion’s team of sales engineers has more than 70 years combined experience designing and developing new products for specialty applications. We develop special tread faces, hub configurations and bearings to perform in virtually any application
- **Anti-Microbial Additives**—Bacterial inhibitors are available for all polyurethane products. If your food, laboratory or medical application requires additional peace of mind, this is a great solution
- **Next day shipping** available, consult factory



Polyurethane Core Recycle



Albion can Re-Poly your old polyurethane on metal cores with a new burn-off oven. Consult factory for details.

ALBION[®]
www.albioninc.com
800-835-8911

Prevenz™ Antimicrobial Wheels

The Prevenz Story

How Does Prevenz™ Work?

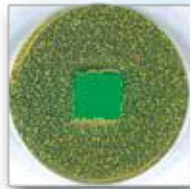
The antimicrobial compound used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew, and fungi. The active ingredients neutralize the ability of microbes to function, grow and reproduce.

How long does the protection last?

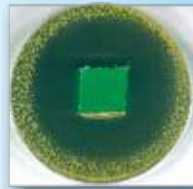
Prevenz™ is engineered to be effective against microbes for the life of the wheel. The agent remains stored in the polymer and is gradually released to the surface of the wheel.

Will scratches, tread wear or wax buildup diminish the effectiveness?

No. Prevenz™ protection is not a coating on the surface of the wheel. It is an



WITHOUT PREVENZ™



WITH PREVENZ™

integral part of the wheel material. Abrasion, chips or scratches will not impact the effectiveness of Prevenz™ in any way. Not even wax buildup on the wheel can impair the bacteria fighting performance.

Does Prevenz™ eliminate the need for cleaning?

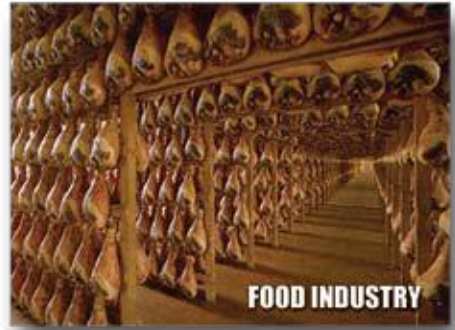
No. Although Prevenz™ provides an added level of protection, these wheels do not eliminate the need for normal cleaning practices. They are designed to work in conjunction with and enhance your

ongoing program. Good hygiene practices should always be observed.

Is Prevenz™ safe?

Yes. The active ingredients in Prevenz™ have undergone extensive laboratory testing and have been proven safe. The active ingredient has a history of hospital use for more than 25 years and is used in a broad range of popular personal care products, such as antimicrobial soap, toothpaste and deodorant. It is registered with the US Environmental Protection Agency (EPA), and products with this material have been approved by the US Food & Drug Administration (FDA), the European Union (EU), the National Sanitation Foundation (NSF) and other regulatory authorities around the world.

THE ALBION ADVANTAGE



The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are

suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of model number.



XA Prevenz™



XA Prevenz™
Heavy Duty



XS Prevenz™



XS Prevenz™
Heavy Duty



XR Prevenz™



XR Prevenz™
Heavy Duty



XP Prevenz™



NG Prevenz™



PY Prevenz™



PX Prevenz™

New! See Prevenz™ Availability Chart on Page 194

ALBION®
www.albioninc.com
800-835-8911

Special Use Casters



09 Series • Pipe Base Casters

Designed for portable units with pipe legs. Used on portable scaffolding, dry cleaner racks, portable conveyors, garment racks, laundry racks, printer's form tables, etc. Rigid and swivel models are available.



33-36 Series • Textile Casters

These casters feature extra wide spaced forks with stamped steel thread guards. Spacer tubes are fit between fork legs and thread guards to provide an opening which facilitates easy cleaning of the caster.



50-54 Series • Sanitary Casters

Developed specifically for food handling and processing industries where equipment sanitation is essential. Designed to reduce waste buildup and facilitate complete cleanup. These casters are National Sanitation Foundation (NSF) listed and Baking Industry Sanitation Standards Committee (BISSC) certified.



Fork Lift Replacement Caster

Special dual wheel oscillator with spring loaded shock absorbing features. This design makes it ideal for fork lift applications.



Automotive Industry Casters

These casters are designed to automotive manufacturers' specifications and are designed to withstand the severe and continuous service requirements associated with automotive plants. Shown here is a design for applications where noise reduction and shock dampening is required.



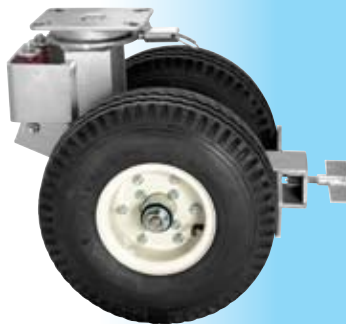
Multi-Wheel Casters

Multiple wheel casters can be manufactured with a wide range of wheel types, sizes and capacities to suit your particular needs.



Mini Poly Press-On

These rugged casters are designed to be used for those very severe applications where floor protection or cushion effect is desired and are beyond the capabilities of regular polyurethane wheels. The treads are replaceable. Casters are lubricated through a zerk fitting in the swivel section and wheel hub with the exception of 5" and 6" wheel diameter models which are prelubricated and sealed. Some models have hardened ball load races with 1-1/4" tapered roller thrust bearings. Prevenz™ antimicrobial option are available.



Shock Absorbing Casters

Special extra heavy duty shock absorbing swivel caster equipped with rugged, reinforced core type wheels with molded rubber, floor protective tire tread. Pneumatic wheels are also available for even more shock absorption.



Excellent for Weight Carts

10,000 lbs load capacity!

You won't find this "bad boy" at just any casters source. Albion engineers and craftsmen can custom design and build virtually any caster you need.

ALBION®

| Item | Page | Item | Page |
|---|------|--|------|
|  CN NeoTeq Casters, 19 Capacity to 175 lbs. | |  03 Air Cargo Casters Capacity to 450 lbs 34 | |
|  DC Institutional Casters 20 Capacity to 350 lbs | |  04 Stainless Light Duty Casters . . 35-36 Capacity to 350 lbs. | |
| EMPIRE™ Empire F2 and F4 Introduction . . . 21 NEW MODEL! | |  FALLSHAW wheels and casters Fallshaw Introduction. 37 NEW MODEL! | |
|  F2 General Duty Plate Casters . . . 22 Capacity to 255 lbs. | |  Fallshaw Numbering System . . . 38 and ColorWorks System | |
|  F4 General Duty Plate Casters . . . 23-24 Capacity to 325 lbs. | |  Fallshaw K Series 39 Capacity to 120 | |
|  F4 General Duty Stem Casters . . . 25 Capacity to 325 lbs. | |  Fallshaw M Series 40-41 Capacity to 330 | |
|  F4 High Temp. Bakery Casters . . . 26 Capacity to 185 lbs. NEW MODEL! | |  Fallshaw J Series. 42-43 Capacity to 660 | |
|  JC Work Station Leveling 27 Casters – Light to Medium NEW MODEL! Heavy Duty, Capacity to 2200 lbs. | |  Fallshaw O Series 44-45 Capacity to 660 | |
|  P2 Precision Light Duty 28 Casters, Capacity to 250 lbs. | |  Fallshaw Arc Light Duty 46 Deluxe Series, Capacity to 110 | |
|  PC Prestige™ Polymer Casters, Capacity to 300 lbs. 29 | |  Fallshaw Arc Medium Duty. 47 Deluxe Series, Capacity to 110 | |
|  01 Light Duty Casters 30 Capacity to 300 lbs. | |  Fallshaw Zen Light Duty. 48 Deluxe Series, Capacity to 110 | |
|  02 Institutional Casters 31-32 Capacity to 350 lbs. | |  Fallshaw Zen Medium Duty 49 Deluxe Series, Capacity to 110 | |
|  02 Shopping Cart Casters 33 Capacity to 350 lbs. | |  Fallshaw Applications 50 | |

CN

MedCaster NeoTeq Casters



MedCaster Chrome NeoTeq series are designed to provide your equipment with a smooth and quiet roll.

BRAKE OPTIONS

Total Lock
see individual charts

FEATURES

- Bright Chrome Finish
- Matching Chrome Thread Guards for wheels
- Non-Marking Soft-Neoprene Rubber wheels
- Dual Ball Swivel Raceways for added strength
- Precision ball bearings in wheels for easier rollability
- Upper raceway seal to prevent dirt and dust build-up

BEARING



Precision Ball (28)

CN SERIES • CAPACITY TO 175

TYPICAL APPLICATIONS

- Laboratory Equipment
- IV Stands
- Mobile Computer Stands
- Medical Equipment

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal operating) | Overall Height (Inches) | Swivel Lead (Inches) | Caster Number |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|----------------------|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal operating) | Overall Height (Inches) | Swivel Lead (Inches) | Caster Number |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|----------------------|

Hollow Kingpin Neoprene Rubber (28 Precision Ball Bearing)



| | | | | | | |
|--------------------|---|---|-----|---|---------|----------------------|
| Free Swivel | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-SW-HK04 |
| Total Lock | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-TL-HK04 |

CN

Hollow kingpin hole is 7/16" I.D. Recommended for use with 3/8" diameter fittings.

Threaded Stem Neoprene Rubber (28 Precision Ball Bearing)



| | | | | | | |
|--------------------|---|---|-----|---|---------|----------------------|
| Free Swivel | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-SW-TS06 |
| Total Lock | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-TL-TS06 |

CN

Threaded stem is 3/8"-16NC x 1" long.

Grip Ring Stem Neoprene Rubber (28 Precision Ball Bearing)



| | | | | | | |
|--------------------|---|---|-----|---------|---------|----------------------|
| Free Swivel | 2 | 1 | 125 | 2-11/16 | 2 | CN-02NRP-100-SW-GR01 |
| | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-SW-GR01 |
| Total Lock | 2 | 1 | 125 | 2-11/16 | 2 | CN-02NRP-100-TL-GR01 |
| | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-TL-GR01 |

CN

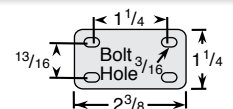
Grip Ring is 7/16" diameter x 7/8" tall grip ring.

Top Plate Neoprene Rubber (28 Precision Ball Bearing)



| | | | | | | |
|--------------------|---|---|-----|---------|---------|----------------------|
| Free Swivel | 2 | 1 | 125 | 2-11/16 | 2 | CN-02NRP-100-SW-TP02 |
| | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-SW-TP02 |
| Total Lock | 2 | 1 | 125 | 2-11/16 | 2 | CN-02NRP-100-TL-TP02 |
| | 3 | 1 | 175 | 4 | 2-13/16 | CN-03NRP-100-TL-TP02 |

CN





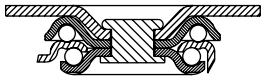
Institutional Casters



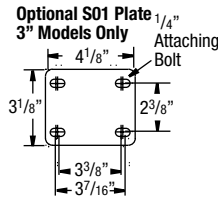
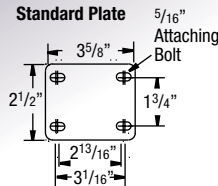
Albion DC Series casters are ideal for the institutional markets. These models include custom interlocking thread guards and non-marking wheels.

TYPICAL APPLICATIONS

- Dolly carts
- Display carts



MOUNTING OPTIONS



FEATURES

- **Swivel Section:** Double ball raceway for standard top plate (Single ball raceway for optional S01 top plate)
- **Finish:** Zinc plated finish
- **Thread Guards:** Custom interlocking thread guards
- **Caster Wheel:** Non-marking TPR wheel (75 Shore A)
- **Construction:** Riveted construction
- Alternate or custom caster configurations available

RIG OPTIONS

NSF listed for food service industry (Consult Factory)

BRAKE OPTIONS

Face Contact
specify **F**



BEARING

Annular Ball (31)

- Economical
- Non Marking
- Custom Thread Guards

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual use only) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|

TPR Rubber (31 Annular Ball Bearing)

| | | | | | | | |
|--|-------|-------|-----|---------|---------|----|---------------------|
| | 3 | 1 1/4 | 275 | 3 11/16 | 1 11/16 | .5 | DCXS03031S01 |
| | 3 | 1 1/4 | 275 | 4 1/4 | 1 11/16 | .5 | DCXS03031 |
| | 3 1/2 | 1 1/4 | 300 | 4 3/4 | 1 11/16 | .5 | DCXS03X31 |
| | 4 | 1 1/4 | 325 | 5 1/16 | 1 11/16 | .5 | DCXS04031 |
| | 5 | 1 1/4 | 350 | 6 3/16 | 1 11/16 | .5 | DCXS05031 |

XS

NEW MODEL!

INTRODUCING
Albion F2 & F4



Empire Casters

Light on the pocketbook ... Heavy on performance.



EMPIRE F2 AND F4 SERIES

EMPIRE™

Casters & Wheels

F2

EMPIRE™

Casters & Wheels

General Duty Casters

NEW MODEL!

BRAKE OPTIONS
Side Brake
specify B



BEARING OPTIONS

Plain Bore
Bearing (41)



Roller (01)

FEATURES

- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Fully hardened single ball bearing raceways
- **Kingpin:** 1/2" hydraulically formed steel rivet
- **Axle:** 3/8" diameter hollow axle with lock nut
- **Finish:** All rigs are zinc plated to resist rust and corrosion.
- Alternate or custom caster configurations available

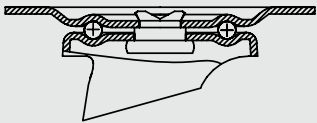


An excellent general purpose economical caster. F2 models feature single ball raceways.

TYPICAL APPLICATIONS

- Dolly carts
- Display carts
- Hotel equipment
- Institutional equipment
- Food service racks and cases
- Stock carts
- Laundry trucks

Swivel Cross Section



MOUNTING

- Varies based on wheel diameter and wheel type.

| Wheel Diameter | Swivel Plate Dimensions | Rigid Plate Dimensions |
|----------------|-------------------------|------------------------|
| 2" (51mm) | | |
| 2-1/2" (63mm) | | |
| 3" (76mm) | | |
| 4" (100mm) | | |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)
Tread Width (Inches)
Capacity (Lbs) (Rated for manual operation)
Overall Height (Inches)
Swivel Lead (Inches)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)
Tread Width (Inches)
Capacity (Lbs) (Rated for manual operation)
Overall Height (Inches)
Swivel Lead (Inches)

Caster Number

Polypropylene (41 Plain Bore Bearing)



| | | | | | |
|-------|-------|-----|-------|-------|------------------|
| 2 | 7/8 | 125 | 2 1/2 | 3/4 | F2IB02041 |
| 2 1/2 | 1 1/8 | 175 | 3 1/4 | 1 | F2IB02X41 |
| 3 | 1 1/4 | 210 | 3 3/4 | 1 1/4 | F2IB03041 |
| 4 | 1 1/4 | 255 | 5 | 1 | F2IB04041 |

Soft Rubber (41 Plain Bore Bearing)



| | | | | | |
|-------|-------|-----|-------|-------|------------------|
| 2 | 7/8 | 125 | 2 1/2 | 3/4 | F2RR02041 |
| 2 1/2 | 1 1/8 | 175 | 3 1/4 | 1 | F2RR02X41 |
| 3 | 1 1/4 | 210 | 3 3/4 | 1 1/4 | F2RR03041 |
| 4 | 1 1/4 | 255 | 5 | 1 1/2 | F2RR04041 |

F4

EMPIRE™ Casters & Wheels General Duty Casters

NEW MODEL!

BEARING OPTIONS

Plain Bore
Bearing (41)



Roller (01)

FEATURES

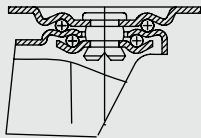
- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Fully hardened double ball bearing raceways
- **Kingpin:** 1/2" hydraulically formed steel rivet
- **Axle:** 3/8" diameter hollow axle with lock nut
- **Finish:** All rigs are zinc plated to resist rust and corrosion.
- Alternate or custom caster configurations available



An excellent general purpose economical caster. F4 models feature double ball raceways.

TYPICAL APPLICATIONS

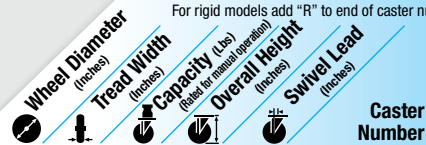
- Dolly carts
- Display carts
- Hotel equipment
- Institutional equipment
- Food service racks and cases
- Stock carts
- Laundry trucks



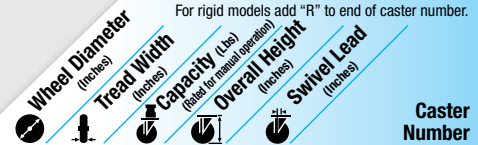
TOP PLATE MOUNTING OPTIONS

| Wheel Diameter | Swivel Plate Dimensions | Rigid Plate Dimensions |
|---|---|--|
| 3" (72.2mm) | <p>3-5/8" (92mm) 2-9/16" (65mm) 2-15/16" (75mm) 1-3/4" (44.7mm) 21/64" (8.5mm)</p> | <p>3-5/8" (92mm) 2-1/2" (63.4mm) 2-15/16" (74.5mm) 1-3/4" (44.5mm) 11/32" (9mm)</p> |
| 4" (100mm) & 5" (125mm) | <p>3-5/8" (92mm) 2-7/8" (73mm) 2-15/16" (74.5mm) 1-3/4" (44.5mm) 11/32" (9mm) 3/8" (10mm)</p> | <p>3-5/8" (105mm) 2-7/8" (74mm) 2-15/16" (75.4mm) 1-3/4" (44.5mm) 3/8" (10mm) 11/32" (9mm)</p> |
| 4" (100mm) & 5" (125mm) ER Wheel Models Only | <p>3-7/8" (98.8mm) 3" (78.8mm) 3-1/8" (79.5mm) 2-3/8" (60mm) 11/32" (9mm) dia.</p> | <p>4-1/8" (104.5mm) 3-3/8" (85.5mm) 3-1/8" (79.5mm) 2-3/8" (60mm) 11/32" (9mm) dia.</p> |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Thermoplastic Rubber (41 Plain Bore Bearing)

| | | | | | | |
|--|---|-------|-----|-------|-------|------------------|
| | 3 | 1 1/4 | 180 | 3-7/8 | 1 | F4IS03041 |
| | 4 | 1 1/4 | 250 | 5 | 1 1/8 | F4IS04041 |
| | 5 | 1 1/4 | 300 | 6 1/8 | 1 1/4 | F4IS05041 |

Polypropylene (41 Plain Bore Bearing)

| | | | | | | |
|--|---|-------|-----|-------|-------|------------------|
| | 3 | 1 1/4 | 275 | 3-7/8 | 1 | F4IB03041 |
| | 4 | 1 1/4 | 275 | 5 | 1 1/8 | F4IB04041 |
| | 5 | 1 1/4 | 290 | 6 1/8 | 1 1/4 | F4IB05041 |

Polyurethane (41 Plain Bore Bearing)

| | | | | | | |
|--|---|-------|-----|-------|-------|------------------|
| | 3 | 1 1/4 | 225 | 3-7/8 | 1 | F4IX03041 |
| | 4 | 1 1/4 | 300 | 5 | 1 1/8 | F4IX04041 |
| | 5 | 1 1/4 | 325 | 6 1/8 | 1 1/4 | F4IX05041 |

Soft Rubber (41 Plain Bore Bearing)

| | | | | | | |
|--|---|-------|-----|-------|-------|------------------|
| | 3 | 1 1/4 | 175 | 3-7/8 | 1 | F4RR03041 |
| | 4 | 1 1/4 | 200 | 5 | 1 1/8 | F4RR04041 |
| | 5 | 1 1/4 | 200 | 6 1/8 | 1 1/4 | F4RR05041 |

Elastic Rubber (01 Roller Bearing)

Sealed Swivel and thread guards for added protection.

| | | | | | | |
|--|---|---|-----|-------|-------|------------------|
| | 4 | 1 | 300 | 5 1/4 | 1 3/8 | F4ER04001 |
| | 5 | 1 | 300 | 6 1/4 | 1 3/8 | F4ER05001 |

Continue on next page

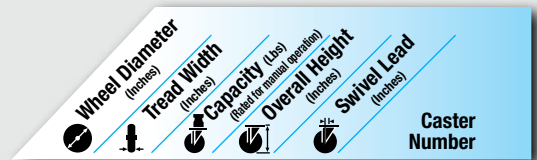
F4

EMPIRE™

Casters & Wheels

General Duty Top Plate Brake Casters

NEW MODEL!



Thermoplastic Rubber with Brake (41 Plain Bore Bearing)



| Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------|----------------------|---------------|
| 3 | 1 1/4 | 180 | 3-7/8 | 1 | F4IS03041SB |
| 4 | 1 1/4 | 250 | 5 | 1 1/8 | F4IS04041SB |
| 5 | 1 1/4 | 300 | 6 1/8 | 1 1/4 | F4IS05041SB |

IS

Polypropylene with Brake (41 Plain Bore Bearing)



| Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------|----------------------|---------------|
| 3 | 1 1/4 | 275 | 3-7/8 | 1 | F4IB03041SB |
| 4 | 1 1/4 | 275 | 5 | 1 1/8 | F4IB04041SB |
| 5 | 1 1/4 | 290 | 6 1/8 | 1 1/4 | F4IB05041SB |

IB

Polyurethane with Brake (41 Plain Bore Bearing)



| Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------|----------------------|---------------|
| 3 | 1 1/4 | 225 | 3-7/8 | 1 | F4IX03041SB |
| 4 | 1 1/4 | 300 | 5 | 1 1/8 | F4IX04041SB |
| 5 | 1 1/4 | 325 | 6 1/8 | 1 1/4 | F4IX05041SB |

IX

Soft Rubber with Brake (41 Plain Bore Bearing)



| Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------|----------------------|---------------|
| 3 | 1 1/4 | 175 | 3-7/8 | 1 | F4RR03041SB |
| 4 | 1 1/4 | 200 | 5 | 1 1/8 | F4RR04041SB |
| 5 | 1 1/4 | 200 | 6 1/8 | 1 1/4 | F4RR05041SB |

RR

Elastic Rubber with Total Lock Brake (01 Roller Bearing)

Sealed Swivel and thread guards for added protection.



| Wheel Diameter (inches) | Tread Width (inches) | Capacity (lbs) | Overall Height (inches) | Swivel Lead (inches) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------|----------------------|---------------|
| 4 | 1 | 300 | 5 1/4 | 1 3/8 | F4ER04001ST |
| 5 | 1 | 300 | 6 1/4 | 1 3/8 | F4ER05001ST |

ER

F4

EMPIRE™

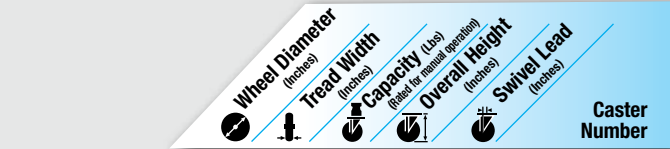
NEW MODEL!

Casters & Wheels


General Duty Threaded Stem Casters

Threaded Stem Models (1/2" x 13 x 1-1/2")

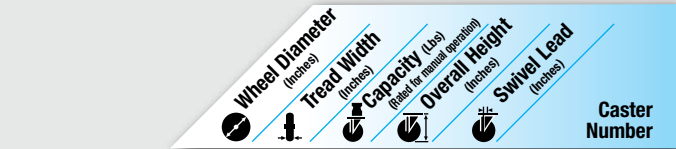
EMPIRE F4 SERIES • CAPACITY TO 325




Thermoplastic Rubber (41 Plain Bore Bearing)

| | | | | | | |
|---|---|-------|-----|---------|-------|-----------------------|
|  | 3 | 1 1/4 | 180 | 3 13/16 | 1 | F4IS03041S-S31 |
| | 4 | 1 1/4 | 250 | 4 7/8 | 1 1/8 | F4IS04041S-S41 |
| | 5 | 1 1/4 | 300 | 6 | 1 1/4 | F4IS05041S-S51 |

IS




Polypropylene (41 Plain Bore Bearing)

| | | | | | | |
|---|---|-------|-----|---------|-------|-----------------------|
|  | 3 | 1 1/4 | 275 | 3 13/16 | 1 | F4IB03041S-S31 |
| | 4 | 1 1/4 | 275 | 4 7/8 | 1 1/8 | F4IB04041S-S41 |
| | 5 | 1 1/4 | 290 | 6 | 1 1/4 | F4IB05041S-S51 |


IB

Polyurethane (41 Plain Bore Bearing)

| | | | | | | |
|---|---|-------|-----|---------|-------|-----------------------|
|  | 3 | 1 1/4 | 225 | 3 13/16 | 1 | F4IX03041S-S31 |
| | 4 | 1 1/4 | 300 | 4 7/8 | 1 1/8 | F4IX04041S-S41 |
| | 5 | 1 1/4 | 325 | 6 | 1 1/4 | F4IX05041S-S51 |

IX


Soft Rubber (41 Plain Bore Bearing)

| | | | | | | |
|---|---|-------|-----|---------|-------|-----------------------|
|  | 3 | 1 1/4 | 175 | 3 13/16 | 1 | F4RR03041S-S31 |
| | 4 | 1 1/4 | 200 | 4 7/8 | 1 1/8 | F4RR04041S-S41 |
| | 5 | 1 1/4 | 200 | 6 | 1 1/4 | F4RR05041S-S51 |

RR


Brake Models

Thermoplastic Rubber with Brake (41 Plain Bore Bearing)

| | | | | | | |
|--|---|-------|-----|---------|-------|------------------------|
|  | 3 | 1 1/4 | 180 | 3 13/16 | 1 | F4IS03041SB-S31 |
| | 4 | 1 1/4 | 250 | 4 7/8 | 1 1/8 | F4IS04041SB-S41 |
| | 5 | 1 1/4 | 300 | 6 | 1 1/4 | F4IS05041SB-S51 |


IS

Polypropylene with Brake (41 Plain Bore Bearing)

| | | | | | | |
|--|---|-------|-----|---------|-------|------------------------|
|  | 3 | 1 1/4 | 275 | 3 13/16 | 1 | F4IB03041SB-S31 |
| | 4 | 1 1/4 | 275 | 4 7/8 | 1 1/8 | F4IB04041SB-S41 |
| | 5 | 1 1/4 | 290 | 6 | 1 1/4 | F4IB05041SB-S51 |


IB

Polyurethane with Brake (41 Plain Bore Bearing)

| | | | | | | |
|---|---|-------|-----|---------|-------|------------------------|
|  | 3 | 1 1/4 | 225 | 3 13/16 | 1 | F4IX03041SB-S31 |
| | 4 | 1 1/4 | 300 | 4 7/8 | 1 1/8 | F4IX04041SB-S41 |
| | 5 | 1 1/4 | 325 | 6 | 1 1/4 | F4IX05041SB-S51 |

IX

Soft Rubber with Brake (41 Plain Bore Bearing)

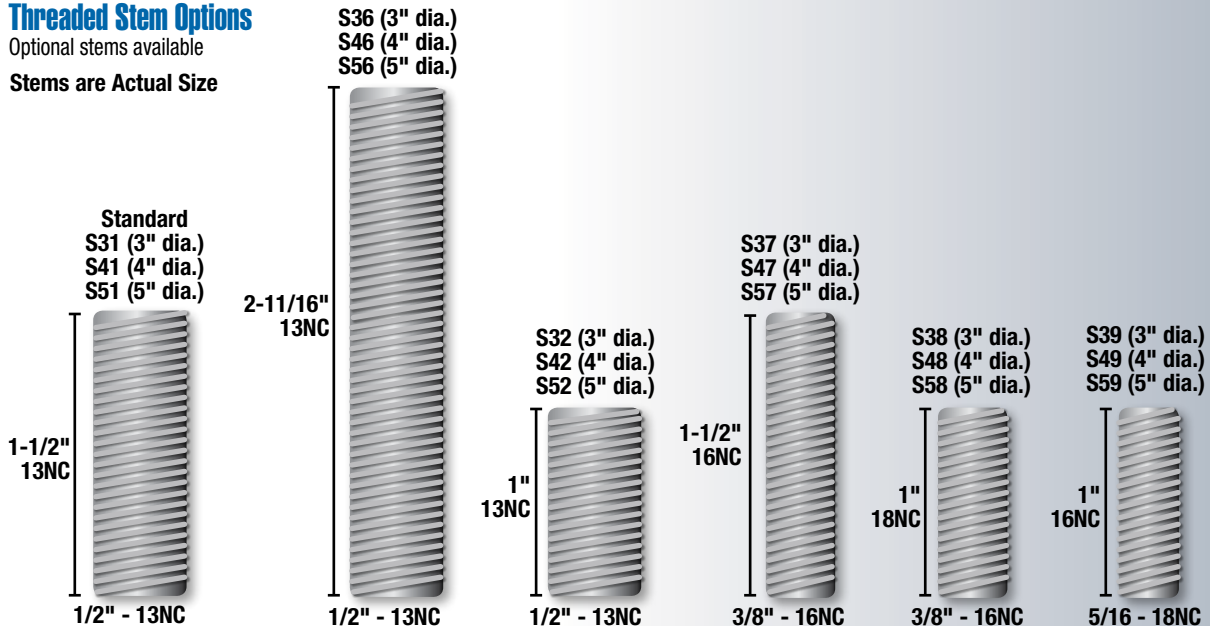
| | | | | | | |
|---|---|-------|-----|---------|-------|------------------------|
|  | 3 | 1 1/4 | 175 | 3 13/16 | 1 | F4RR03041SB-S31 |
| | 4 | 1 1/4 | 200 | 4 7/8 | 1 1/8 | F4RR04041SB-S41 |
| | 5 | 1 1/4 | 200 | 6 | 1 1/4 | F4RR05041SB-S51 |

RR

Threaded Stem Options

Optional stems available

Stems are Actual Size



NEW MODEL!

F4 Style High Temperature Bakery Casters



Red tread rubber on diecast aluminum (MV)

Black tread rubber on high temperature phenolic available (MZ)

FEATURES

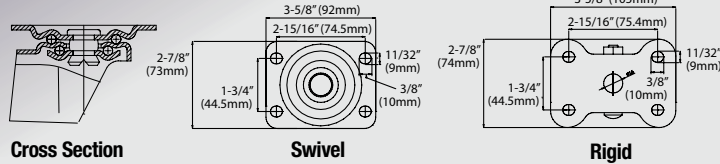
- Excellent Wheels for Bakery Racks
- Soft Tread Wheels Protect Your Floors
- Economical
- Handles the Heat
- Rolls quietly
- Temperature Range: -40° to 485°F intermittent (285°F continuous use)
- Typical applications include: Food Service, Pharmaceuticals, Laboratories, Hospitals

Excellent High Temperature casters handle heat up to 485°F. Non-marking rubber tread protects floors.

TYPICAL APPLICATIONS

- Food Service
- Pharmaceuticals
- Laboratories
- Hospitals

MOUNTING



| | | | | | | |
|--|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|----------------------|
| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Caster Number |
| | 4 | 1-9/16 | 170 | 5-1/8 | 1-3/8 | F4MV04128S |
| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Wheel Number |
| | 4 | 1-9/16 | 170 | 1.77 | .320 | MV0412805 |

Swivel F4 Style Caster with High Temp MV Wheel
4 | 1-9/16 | 170 | 5-1/8 | 1-3/8 | F4MV04128S

Rigid F4 Style Caster with High Temp MV Wheel
4 | 1-9/16 | 170 | 5-1/8 | N/A | F4MV04128R

Rubber on Die Cast Aluminum (MV)

| | | | | | | |
|--|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|----------------------|
| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Caster Number |
| | 4 | 1-3/16 | 185 | 5-1/8 | 1-3/8 | F4MZ04041S |
| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Wheel Number |
| | 4 | 1-3/16 | 185 | 1.77 | .412 | MZ0404105 |

Swivel F4 Style Caster with High Temp MZ Wheel
4 | 1-3/16 | 185 | 5-1/8 | 1-3/8 | F4MZ04041S

Rigid F4 Style Caster with High Temp MZ Wheel
4 | 1-3/16 | 185 | 5-1/8 | N/A | F4MZ04041R

Rubber on High Temperature Phenolic (MZ)

Durometer: 73 Shore A
Temperature Range: -40° to 485°F intermittent (285°F continuous use)
Bearing: Precision ball ... stainless steel bearings available.

Durometer: 85 Shore A
Temperature Range: -40° to 485°F intermittent (285°F continuous use)
Bearing: Standard plain bearing. Comes with spanner for 5/16" axles.



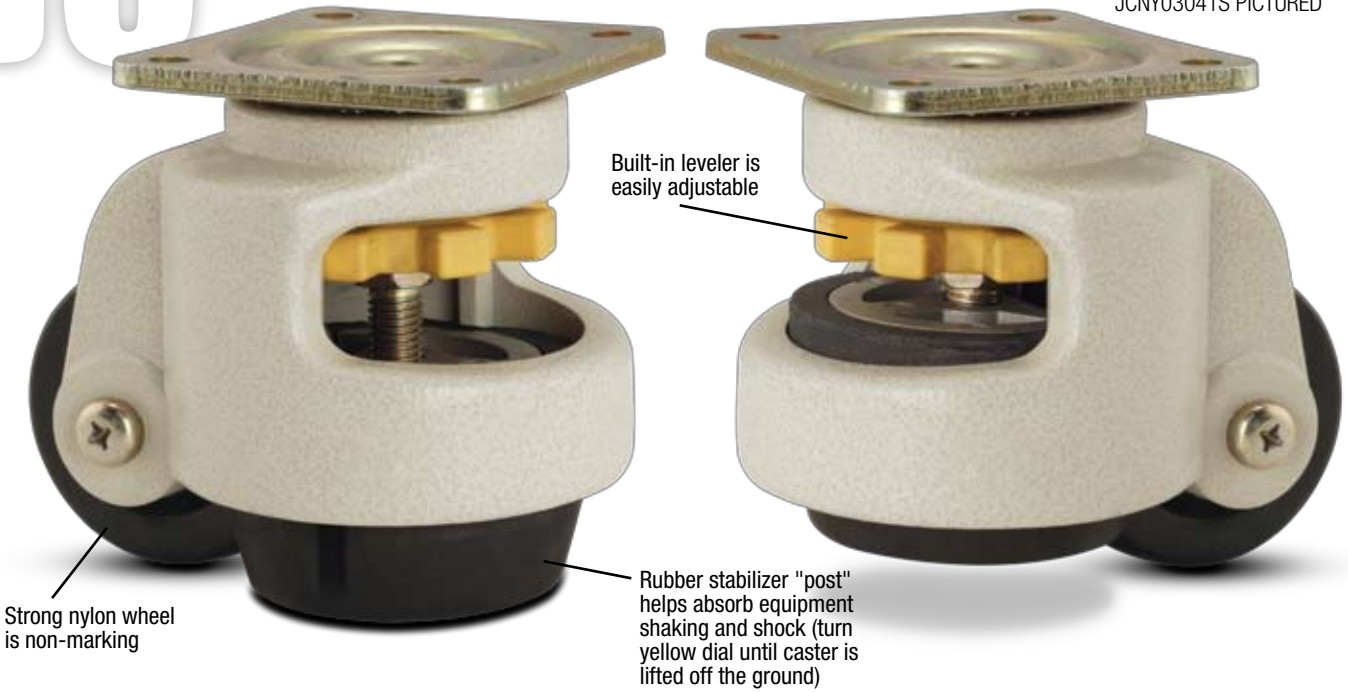
Mmmm ... High Temperature Wheels that Bakeries Can Appreciate!
 Preheat Oven to 485° and Relax

Important Note: Caster wheel does not fit standard F4 series caster models. You must order these special F4 rigs for MV/MZ wheels.

JC

Work Station Leveling Casters

JCNY03041S PICTURED



JC SERIES • CAPACITY TO 2200

This caster is the ideal solution for applications requiring easy leveling of equipment. An added benefit of the JC caster is the shock absorbing rubber "posts" used to stabilize equipment.

TYPICAL APPLICATIONS

- Computer Workstations
- Printer and Other Electronic Equipment Stands
- Work Tables
- Food Service
- Pharmaceuticals

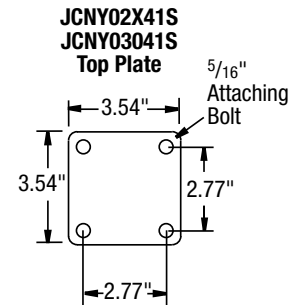
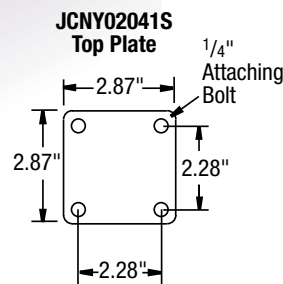
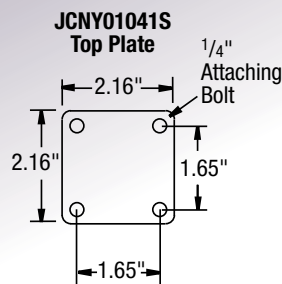
FEATURES

- Stabilizer acts as a miniature "total lock" when fully engaged – prevents caster/equipment from moving
- Excellent low-profile caster
- Double race swivel design
- Stylish Ivory powder coating

RIG OPTIONS (Consult Factory)

- NSF Listed for food service industry

MOUNTING



| Wheel Diameter (Inches) | Tread Width (Inches) | Hub Width (Inches) | Overall Height Caster in Use (Inches) | Maximum Overall Height Using Leveler (Inches) | Capacity (Lbs) (Rated for manual operation) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--------------------|---------------------------------------|---|---|----------------------|-------------------|---------------|
|-------------------------|----------------------|--------------------|---------------------------------------|---|---|----------------------|-------------------|---------------|

Nylon Wheel, Rubber Leveler Pad, Plain Bearing

NEW MODEL!

| | | | | | | | | | |
|--|------|------|------|------|------|------|------|------|-------------------|
| | 1.68 | .70 | .80 | 2.80 | 3.27 | 110 | 3.40 | .82 | JCNY01041S |
| | 2.00 | .88 | .93 | 3.23 | 3.70 | 660 | 3.90 | 1.50 | JCNY02041S |
| | 2.40 | 1.13 | 1.23 | 4.02 | 4.61 | 1320 | 5.30 | 3.00 | JCNY02X41S |
| | 2.86 | 1.25 | 1.32 | 4.72 | 5.51 | 2200 | 5.60 | 3.70 | JCNY03041S |
| | | | | | | | | | |

P2 Precision Light Duty Casters

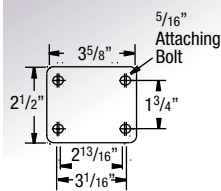


The smoothest operation available for light duty products. The sealed precision bearing in the swivel section offers quiet maintenance-free operation.

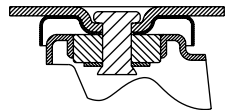
TYPICAL APPLICATIONS

- Hotel Equipment
- Institutional Equipment
- Food Service
- Racks and Cases
- Stock Carts
- Laundry Trucks

MOUNTING PLATE



SWIVEL CROSS SECTION



BRAKE OPTIONS

Face Contact specify F



Total Lock specify T

FEATURES

- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions.
- **Swivel Section:** Sealed precision bearing in swivel section
- **Axle:** 3/8" diameter hollow axle with lock nut.
- **Finish:** All rigs are zinc plated to resist rust and corrosion
- Alternate or custom caster configurations available

- Ergonomic Caster
- Smooth, Quiet Operation
- Maintenance Free

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

X-tra Soft Rubber Round Tread (28 Precision Ball Bearing) **NEW PRODUCT!**

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.75 | P2XR03028 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.85 | P2XR03X28 |
| 4 | 1 1/4 | 250 | 5 1/8 | 1 1/4 | 2.25 | P2XR04028 |
| 5 | 1 1/4 | 250 | 6 3/16 | 1 1/2 | 2.75 | P2XR05028 |

XR

X-tra Soft Rubber Flat Tread (31 Annular Ball Bearing)

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.75 | P2XS03031 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.85 | P2XS03X31 |
| 4 | 1 1/4 | 250 | 5 1/8 | 1 1/4 | 2.25 | P2XS04031 |
| 5 | 1 1/4 | 250 | 6 3/16 | 1 1/2 | 2.75 | P2XS05031 |

XS

Prevenz™ antimicrobial models available. Add PREV to end of caster model.

Polyurethane on Polypropylene (31 Annular Ball Bearing)

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 250 | 4 1/4 | 1 5/16 | 1.50 | P2XA03031 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.50 | P2XA03X31 |
| 4 | 1 1/4 | 250 | 5 1/8 | 1 1/4 | 2.25 | P2XA04031 |
| 5 | 1 1/4 | 250 | 6 3/16 | 1 1/2 | 2.25 | P2XA05031 |

XA

Prevenz™ antimicrobial models available. Add PREV to end of caster model.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



XA Prevenz™
Polyurethane on
Polypropylene



XS Prevenz™
X-trasoft Rubber
Flat Tread

PC

Prestige™ High Impact Polymer Casters



New Prestige™ casters are designed with high impact glass-filled nylon. Perfect for washdowns or corrosive environments.

TYPICAL APPLICATIONS

- Hotel equipment
- Institutional equipment
- Display racks and cases
- Stock carts
- Laundry trucks

FEATURES

- Swivel Section: Precision ball raceway
- Axle: 3/8" diameter
- Finish: Beige plastic to resist rust and corrosion
- Alternate or custom caster configurations available

BRAKE OPTIONS

Total Lock
specify T

See charts below to order



BEARING

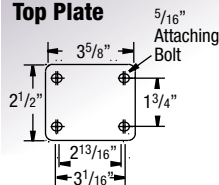
Delrin (51)



- High Impact Nylon
- Perfect for Washdown and Corrosive Environments

MOUNTING OPTIONS

Top Plate



Threaded Stem: 1/2" - 13 x 1

Grip Ring Stem: 27/32" Diameter x 23/16"

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on normal operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Top Plate Polyurethane on Polypropylene (51 Delrin Bearing)



Swivel Top Plate
5 | 1 1/4 | 300 | 6 7/8 | 1 5/16 | 2 3/4 | **PCXA05051S**

Swivel Top Plate with Total Lock Brake
5 | 1 1/4 | 300 | 6 7/8 | 1 5/16 | 2 3/4 | **PCXA05051ST**

XA

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Threaded Stem Polyurethane on Polypropylene (51 Delrin Bearing)



Threaded Stem
5 | 1 1/4 | 300 | 6 1/2 | 1 5/16 | 2 3/4 | **PCXA05051S-S52**

Threaded Stem with Total Lock Brake
5 | 1 1/4 | 300 | 6 1/2 | 1 5/16 | 2 3/4 | **PCXA05051ST-S52**

XA

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Grip Ring Polyurethane on Polypropylene (51 Delrin Bearing)



Grip Ring Stem
5 | 1 1/4 | 300 | 6 1/2 | 1 5/16 | 2 3/4 | **PCXA05051S-S54**

Grip Ring with Total Lock Brake
5 | 1 1/4 | 300 | 6 1/2 | 1 5/16 | 2 3/4 | **PCXA05051ST-S54**

XA

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



XA Prevenz™ Polyurethane on Polypropylene

PC SERIES • CAPACITY TO 300

01

Light Duty Casters



A sturdy light-duty caster. The single ball race design- makes the 01 a very economical, yet dependable caster.

BRAKE OPTIONS

Cam specify **B**
(swivel only)



FEATURES

- **Top Plate & Yoke:** Heavily embossed, formed steel for strength and durability
- **Swivel Section:** Single ball bearing raceway for free swiveling under load
- **Axle:**
2" diam. wheel = 1/4" axle
2-1/2" diam. wheel = 5/16" axle
3" diam. wheel = 3/8" axle
4" diam. wheel = 7/16" axle
- **Finish:** All parts except wheel are zinc plated to resist rust and corrosion
- Alternate or custom caster configurations available

- Economical
- Sturdy
- Single Ball Race Design

TYPICAL APPLICATIONS

- Furniture dollies
- Bakery racks
- Laundry carts

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Soft Rubber (41 Plain Bore)



RR

Prevenz™ antimicrobial models available. Add PREV to end of caster model.

| | | | | | | |
|-------|-------|-----|---------|--------|---|------------------|
| 2 | 13/16 | 90 | 2 1/2 | 1 3/4 | — | 01RR02041 |
| 2 1/2 | 1 1/8 | 100 | 3 1/4 | 2 1/4 | — | 01RR02X41 |
| 3 | 1 1/4 | 150 | 3 13/16 | 2 7/16 | — | 01RR03041 |
| 4 | 1 3/8 | 200 | 5 | 3 7/16 | — | 01RR04141 |

Hard Rubber (41 Plain Bore)



RN

Prevenz™ antimicrobial models available. Add PREV to end of caster model.

| | | | | | | |
|-------|-------|-----|---------|--------|---|------------------|
| 2 | 13/16 | 125 | 2 1/2 | 1 3/4 | — | 01RN02041 |
| 2 1/2 | 1 1/8 | 175 | 3 1/4 | 2 1/4 | — | 01RN02X41 |
| 3 | 1 1/4 | 225 | 3 13/16 | 2 7/16 | — | 01RN03041 |
| 4 | 1 3/8 | 300 | 5 | 3 7/16 | — | 01RN04141 |

Polyolefin (41 Plain Bore)



PB

Prevenz™ antimicrobial models available. Add PREV to end of caster model.

| | | | | | | |
|-------|-------|-----|---------|--------|---|------------------|
| 2 | 13/16 | 125 | 2 1/2 | 1 3/4 | — | 01PB02041 |
| 2 1/2 | 1 1/8 | 175 | 3 1/4 | 2 1/4 | — | 01PB02X41 |
| 3 | 1 1/4 | 210 | 3 13/16 | 2 7/16 | — | 01PB03041 |
| 4 | 1 3/8 | 250 | 5 | 3 7/16 | — | 01PB04141 |

MOUNTING

- Varies based on wheel diameter.

| Wheel Diam. | Plate Dimensions |
|-------------|--|
| 2" | Swivel: 1-7/8" x 2-9/16" Bolt Spacing: (15/16" x 2-1/8") 3/8" Holes Rigid: 1-1/2" x 2-21/32" Bolt Spacing: (15/16" x 2-1/8") 3/8" Holes |
| 2 1/2" | Swivel: 2-3/4" x 3-7/8" Bolt Spacing: (1-3/4" x 3") Rigid 2-1/8" x 4-3/8" Bolt Spacing: (1-1/16" x 3-1/2") 3/8" Holes |
| 3" | Swivel: 3-1/8" x 4-1/8" Bolt Spacing: (2-3/8" x 3-3/8" to 3-7/16") Rigid: 2-5/16" x 4-7/8" Bolt Spacing: (1-3/16" x 4") 3/8" Holes |
| 4" | Swivel: 4" x 5-1/8" Bolt Spacing: (3" x 4") Rigid: 3-1/16" x 6-1/8" Bolt Spacing: (1-3/4" x 5") 3/8" Holes |

02

Institutional Casters

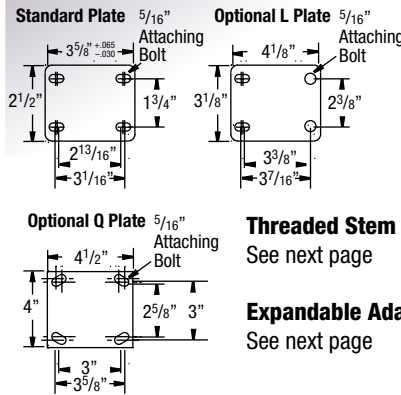


Easy rolling, double ball bearing casters are ideally suited for virtually any operation where a smooth rolling, highly maneuverable, economical caster is required. Heat treated design delivers extended life and performance.

TYPICAL APPLICATIONS

- Hotel equipment
- Institutional equipment
- Food service racks and cases
- Stock carts
- Laundry trucks

MOUNTING OPTIONS



Threaded Stem
See next page

Expandable Adapter
See next page

RIG OPTIONS

- **Sealed wheel** (1/2" straight roller bearing with 1-1/16" bore) specify **SW02**
- **Sealed swivel** specify **SS01**
- Special **zerk fitting** for axle specify **ZF03**
- **"NSF"** listed for food industry consult factory.
- **Hollow kingpin** swivel rig available specify **YH** in place of wheel code (02YH03001S)

BRAKE OPTIONS (Swivel Only)

Grip Lock specify **GL**



Face Contact specify **F**



Total Lock specify **T**



BEARING OPTIONS

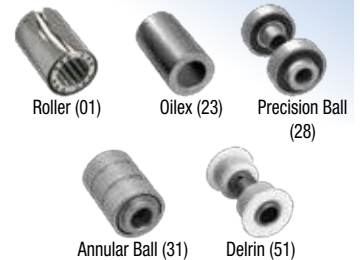
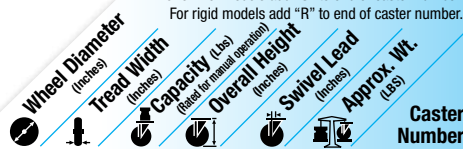


Plate Models

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Soft Rubber (01 Straight Roller Bearing)*

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 125 | 4 1/4 | 1 5/16 | 1.75 | 02RR03001 |
| 3 1/2 | 1 1/4 | 150 | 4 11/16 | 1 1/4 | 1.75 | 02RR03X01 |
| 4 | 1 1/4 | 150 | 5 1/8 | 1 1/4 | 2.25 | 02RR04001 |
| 5 | 1 1/4 | 175 | 6 3/16 | 1 1/2 | 2.75 | 02RR05001 |

*Oilex (23) bearing available. Change "01" to "23"
(Example: 02RR03023).

Hard Rubber (41 Plain Bore)

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 300 | 4 1/4 | 1 5/16 | 2.00 | 02RN03041 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 2.00 | 02RN03X41 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.25 | 02RN04041 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 02RN05041 |
| 6 | 1 1/4 | 350 | 7 1/4 | 1 1/2 | 3.25 | 02RN06041 |

X-tra Soft Rubber Flat Tread (31 Annular Ball)*

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.75 | 02XS03031 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.85 | 02XS03X31 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 2.00 | 02XS04031 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 2.25 | 02XS05031 |
| 6 | 1 1/4 | 350 | 7 1/4 | 1 1/2 | 2.40 | 02XS06031 |

*Delrin (51) bearing available. Change "31" to "51"
(Example: 02XS03051).

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Precision X-tra Soft Round Tread (28 Precision Ball Bearing)

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.75 | 02XR03028 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.85 | 02XR03X28 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 2.00 | 02XR04028 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 2.25 | 02XR05028 |

Polypropylene (41 Plain Bore)*

| | | | | | | |
|---|-------|-----|--------|--------|------|------------------|
| 3 | 1 1/4 | 250 | 4 1/4 | 1 5/16 | 1.75 | 02PB03041 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.00 | 02PB04041 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.25 | 02PB05041 |

*Delrin (51) bearing available. Change "41" to "51"
(Example: 02PB03051).

Polyurethane on Polypropylene (28 Precision Ball Bearing)*

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 300 | 4 1/4 | 1 5/16 | 1.50 | 02XA03028 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 1.50 | 02XA03X28 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.25 | 02XA04028 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 02XA05028 |

*Annular (31) and Delrin (51) bearing available.
Change "28" to "31 or 51" (Example: 02XA030331).

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Plate Models

Continued from previous page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)


Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Phenolic (01 Straight Roller Bearing)*




| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 350 | 4 1/4 | 1 5/16 | 1.50 | 02TM03001 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 2.00 | 02TM03X01 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.00 | 02TM04001 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 02TM05001 |

*Oilex (23) and plain bore (41) bearing available. Change "01" to bearing code. (Example for Oilex: 02TM03023
Example for Plain: 02TM03041)

TM

Cast Iron (Straight Roller Bearing)*



| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 2.50 | 02CA03001 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 2.50 | 02CA03X01 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 3.00 | 02CA04001 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 3.50 | 02CA05001 |


*Plain bore (41) bearing available. Change "01" to bearing code. Example 02CA03041)

CA

Threaded Stem Models

Base caster numbers shown in chart.
To order see stem codes on below.

Soft Rubber (01 Straight Roller Bearing)*




| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 125 | 4 1/4 | 1 5/16 | 1.75 | 02RR03001 |
| 3 1/2 | 1 1/4 | 150 | 4 11/16 | 1 1/4 | 1.75 | 02RR03X01 |
| 4 | 1 1/4 | 150 | 5 1/8 | 1 1/4 | 2.25 | 02RR04001 |
| 5 | 1 1/4 | 175 | 6 3/16 | 1 1/2 | 2.75 | 02RR05001 |

*Oilex (23) bearing available. Change "01" to "23" (Example: 02RR03023).

RR

Polypropylene (41 Plain Bearing)*




| | | | | | | |
|---|-------|-----|--------|--------|------|------------------|
| 3 | 1 1/4 | 250 | 4 1/4 | 1 5/16 | 1.75 | 02PB03041 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.00 | 02PB04041 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.25 | 02PB05041 |

*Delrin (51) bearing available. Change "41" to "51" (Example: 02PB03051).

PB


Hard Rubber (41 Plain Bearing)



| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 300 | 4 1/4 | 1 5/16 | 2.00 | 02RN03041 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 2.00 | 02RN03X41 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.25 | 02RN04041 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 02RN05041 |
| 6 | 1 1/4 | 350 | 7 1/4 | 1 1/2 | - | 02RN06041 |

RN

Polyurethane on Polypropylene (31 Annular Ball)*




| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 300 | 4 1/4 | 1 5/16 | 1.50 | 02XA03031 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 1.50 | 02XA03X31 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.25 | 02XA04031 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 02XA05031 |

*Delrin (51) bearing available. Change "31" to "51" (Example: 02XA03051).

XA

X-tra Soft Rubber Flat Tread (31 Annular Ball)*




| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.75 | 02XS03031 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.85 | 02XS03X31 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 2.00 | 02XS04031 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 2.25 | 02XS05031 |
| 6 | 1 1/4 | 350 | 7 1/4 | 1 1/2 | - | 02XS06031 |

*Delrin (51) bearing available. Change "31" to "51" (Example: 02XS03051).

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

XS

Phenolic (01 Straight Roller Bearing)*




| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 350 | 4 1/4 | 1 5/16 | 1.50 | 02TM03001 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 2.00 | 02TM03X01 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.00 | 02TM04001 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 02TM05001 |

*Oilex (23) and plain bore (41) bearing available. Change "01" to bearing code. (Example for Oilex: 02TM03023
Example for Plain: 02TM03041)

TM


Precision X-tra Soft Round Tread (28 Precision Ball Bearing)* **NEW PRODUCT!**



| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.75 | 02XR03028 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.85 | 02XR03X28 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 2.00 | 02XR04028 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 2.25 | 02XR05028 |

XR

Cast Iron (01 Straight Roller Bearing)*



| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 2.50 | 02CA03001 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 2.50 | 02CA03X01 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 3.00 | 02CA04001 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 3.50 | 02CA05001 |

*Plain bore (41) bearing available. Change "01" to bearing code. Example 02CA03041)

CA

Threaded Stem Order Codes (Add to base number above)

Note: Threads are 1/2" Diameter 13 NC

| Wheel Diameter (Inches) | Type 1: 1" Long Option Code | Type 2: 1-1/2" Long Option Code | Type 3: 2-1/2" Long For Expandable Adapters Option Code |
|-------------------------|-----------------------------|---------------------------------|---|
| 3 | -S32 | -S31 | -S33 |
| 3 1/2 | -SX2 | -SX1 | -SX3 |
| 4 | -S42 | -S41 | -S43 |
| 5 | -S52 | -S51 | -S53 |


Prevenz™ Antimicrobial Wheels

These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more.
To order add "PREV" to end of caster number.



Expandable Adapter Kits **NEW PRODUCT!**

(Fits any 13 NC threaded stem caster over 2-1/2" long)



Stem Description For Round and Square Tubing

| | |
|-------------------------------------|----------------------------|
| 3/4" to 7/8" (19.1mm to 22.2mm) | Kit Number SX123200 |
| 7/8" to 1" (22.2mm to 25.4mm) | SX143200 |
| 1" to 1-1/8" (25.4mm to 28.6mm) | SX163200 |
| 1-1/8" to 1-1/4" (28.6mm to 31.8mm) | SX183200 |
| 1-1/4" to 1-1/2" (31.8mm to 38.1mm) | SX203200 |
| 1-1/2" to 1-3/4" (38.1mm to 44.5mm) | SX243200 |
| 1-3/4" to 2" (44.5mm to 50.8mm) | SX283200 |

Kits come in individual plastic bags and include nut, black rubber expander and white nylon spacer. Kits fit any 1/2" 13 NC threaded stem caster over 2-1/2" long.

To order pre-installed adapters consult factory.

Hollow Kingpin Swivel Rig **NEW PRODUCT!**



Hollow kingpin swivel rig available specify **YH** in place of wheel code (02YH03001S). Hole accommodates 1/2" fittings.

To order complete caster assembly, consult factory.

02 Shopping Cart Casters



Albion's standard Urethane Shopping cart wheels both mechanically lock and chemically lock the tread to the wheel core. Albion has two new shopping cart casters (1) Self-Decelerating wheel reduces damage caused by unattended carts, and (2) Anti-static caster to reduce static build-up.

TYPICAL APPLICATIONS

- Shopping Carts

MOUNTING OPTIONS

Threaded Stem
Standard 1/2" diameter 13 NC thread 1" long

Square Stem
3/4" square x 1-3/4" long, 1/4" cross-drilled hole

FEATURES

- Albion's Urethane Shopping cart wheels both mechanically lock and chemically lock the tread to the wheel core.
- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Hardened double ball bearing raceways to resist wear and improve maneuverability
- **Kingpin:** 1/2" hydraulically formed steel rivet
- **Axle:** 5/16" diameter axle with lock nut
- **Finish:** All rigs are zinc plated to resist rust and corrosion.



- Quiet Operation
- Easier Rollability
- Better Shock Resistance



Threaded Stem Model (Dual Ball Bearings with Thread Guards)
5 | 1 1/4 | 350 | 5 7/8 | 1 1/2 | 21 1/4 | 02XB05031S009

Square Stem Model (Dual Ball Bearings with Thread Guards)
5 | 1 1/4 | 350 | 5 7/8 | 1 1/2 | 21 1/4 | 02XB05031S008

XB

SELF-DECELERATING SHOPPING CART CASTER NEW PRODUCT!
Threaded Stem Model (Single Spindle, Double Sealed Ball Bearing)
5 | 1 1/4 | 250 | 5 7/8 | 1 1/2 | - | 02XB05031S040

This new caster features a wheel that reduces damage caused by rolling, unattended shopping carts. Rolling shopping carts left unattended in parking lots are a source of potential damage to customer automobiles, and of liability to store owners. Our self-deceleration wheel covers are made of polymer, that encompass and compress our bearing protecting polyurethane shock absorber. This provides you with adjustable self-deceleration. The amount of deceleration is pre-set at the factory for average conditions. This setting will hold unattended carts on relatively slight slopes. Proper periodic field adjustment is necessary to maintain its effectiveness over a long period of time. The Self-Decelerating wheel is most effective when used in a pair, as front swivel casters. Please consult factory for additional information. Orange Thread Guards are used to identify these wheels.



ANTI-STATIC SHOPPING CART CASTER NEW PRODUCT!
Threaded Stem Model (Double Sealed Ball Bearing)

5 | 1 1/4 | 250 | 5 7/8 | 1 1/2 | - | 02XB05031S030

THE PROBLEM: A customer enters your store and is greeted by a jolt of electricity after touching a shopping cart. Not a happy customer.

THE SOLUTION: The patented Anti-Static Caster offers the perfect solution. This totally new approach utilizes a synthetic resin impregnated with electrically conductive material in the wheel. The conductor is connected to the wheel bearing...which is connected to the axle... which is connected to the caster yoke...which is connected to the frame of the shopping cart...which is connected to your customer's hand. With each revolution, the conductor makes contact with the floor reducing static build-up.



Urethane replacement wheel specify **XB050310508**. **X-tra Soft Rubber replacement wheel** specify **XS050310508**. Both wheels have standard 1 1/2" hub length and 5/16" bearing ID. Both weigh about 3/4 of a pound. X-tra soft shopping cart wheels provide quieter operation, easier rollability and better shock resistance than the standard polyurethane on polypropylene wheel.



Anti static replacement wheel specify **XB050310510**
Wheel utilizes a synthetic resin impregnated with electrically conductive material in the wheel. With each revolution, the conductor makes contact with the floor reducing static build-up.



Self-Decelerating replacement wheel specify **XB050310511**
Our self-deceleration wheel covers are made of polymer, that encompass and compress our bearing protecting polyurethane shock absorber. This provides you with adjustable self-deceleration.

03 Air Cargo Casters



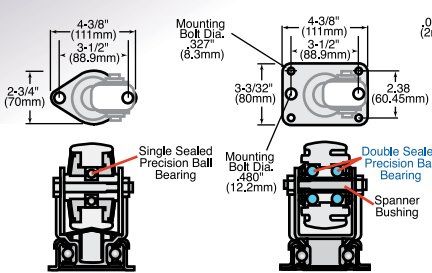
Three quality levels to meet all of your air cargo conveyor needs. **Priority Premier™** is built to exceptional manufacturing standards. **Priority Premier™** features precision bearings in wheel and raceway. **Priority Economy** casters provide dependability on a budget.

TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

MOUNTING OPTIONS

Priority Premier™ Models



FEATURES

Priority™ Premier

- Sealed precision ball bearing in swivel section and wheel
- 1/8" formed steel construction
- Additional O-ring seal in swivel section prevents contamination
- Shock resistant premium nylon wheel
- Zinc plated finish on diamond plate models, yellow dichromate finish on rectangular plate models
- Optional Integral toe guard on 2 1/4" models.
- Metal Thread Guards

FEATURES

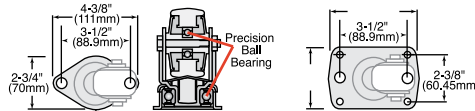
Priority

- Sealed precision ball bearing in swivel section and wheel
- 1/8" formed steel construction
- White nylon thread guards
- Shock resistant wheels
- Zinc plated finish

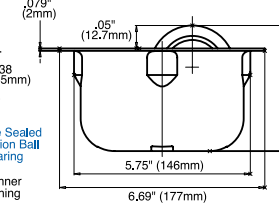
Priority Economy

- Semi-precision unsealed ball bearings
- 1/8" formed steel construction
- Black polypropylene thread guards
- Shock resistant wheels
- Zinc plated finish

Priority and Priority Economy Models



Mobra Model



TOE GUARD OPTIONS



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rated for normal operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Priority Premier™ Rectangular Plate Yellow Dichromate Finish



| | | | | | | |
|--------------|--------------|-----|--------------|---|-------|----------------|
| 2 1/4 (58mm) | 1 3/4 (34mm) | 450 | 3 3/4 (96mm) | - | 1 3/4 | 03XN02028S004C |
|--------------|--------------|-----|--------------|---|-------|----------------|

Priority Premier™ Rectangular Plate Yellow Dichromate Metal Toe Guard



| | | | | | | |
|--------------|--------------|-----|--------------|---|-------|----------------|
| 2 1/4 (58mm) | 1 3/4 (34mm) | 450 | 3 3/4 (96mm) | - | 1 3/4 | 03XN02028S001C |
|--------------|--------------|-----|--------------|---|-------|----------------|

Mobra Series Yellow Dichromate Finish



| | | | | | | |
|--------------|--------------|-----|--------------|---|-------|---------------|
| 2 1/4 (58mm) | 1 3/4 (34mm) | 445 | 3 3/4 (96mm) | - | 3 1/3 | 03XN02028S007 |
|--------------|--------------|-----|--------------|---|-------|---------------|

Mounting bracket (MOBRA) needs a hole in the sorting deck of at least 5.77" (146.5 mm), maximum 5.81" (147.5 mm).

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rated for normal operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Priority Diamond Plated Zinc Finish



| | | | | | | |
|--------------|--------------|-----|--------------|---|-------|------------|
| 2 1/4 (58mm) | 1 3/4 (34mm) | 450 | 3 3/4 (96mm) | - | 1 3/4 | 03PR02028S |
| 2 3/4 (70mm) | 1 3/4 (34mm) | 450 | 4 (102mm) | - | 1 3/4 | 03PR03028S |

Priority Rectangular Plate Zinc Finish



| | | | | | | |
|--------------|--------------|-----|--------------|---|-------|---------------|
| 2 1/4 (58mm) | 1 3/4 (34mm) | 450 | 3 3/4 (96mm) | - | 1 3/4 | 03PR02028S004 |
| 2 3/4 (70mm) | 1 3/4 (34mm) | 450 | 4 (102mm) | - | 1 3/4 | 03PR03028S004 |

Priority Economy Diamond Plated Zinc Finish



| | | | | | | |
|--------------|--------------|-----|--------------|---|-------|------------|
| 2 1/4 (58mm) | 1 3/4 (34mm) | 450 | 3 3/4 (96mm) | - | 1 3/4 | 03PE02028S |
| 2 3/4 (70mm) | 1 3/4 (34mm) | 450 | 4 (102mm) | - | 1 3/4 | 03PE03028S |

Priority Economy Rectangular Plate Zinc Finish



| | | | | | | |
|--------------|--------------|-----|--------------|---|-------|---------------|
| 2 1/4 (58mm) | 1 3/4 (34mm) | 450 | 3 3/4 (96mm) | - | 1 3/4 | 03PE02028S004 |
| 2 3/4 (70mm) | 1 3/4 (34mm) | 450 | 4 (102mm) | - | 1 3/4 | 03PE03028S004 |

04

LIGHT DUTY STAINLESS STEEL

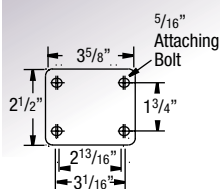


For light-duty applications where frequent washdowns are necessary. Ideally suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion.

TYPICAL APPLICATIONS

- Food Service
- Pharmaceuticals
- Laboratories
- Hospitals

MOUNTING PLATE



FEATURES

- **Top Plate & Yoke:** Heavily embossed, Type 304 formed stainless steel to extend caster life under rugged conditions
- **Swivel Section:** Double stainless steel ball bearing raceways to resist wear and improve maneuverability
- **Finish:** "Polished" stainless steel finish maintains appearance in severe conditions
- **Kingpin:** 1/2" hydraulically formed stainless steel rivet
- **Axle:** 3/8" diameter Type 304 stainless steel hollow axle with lock nut
- **Component Parts:** Bushing, axle and nut are all stainless steel
- **NSF** Listed for food service industry
- Alternate or custom caster configurations available

RIG OPTIONS

- **Sealed swivel** specify **SS01**
- **NSF** listed for food industry consult factory

Grip Lock specify GL



BRAKE OPTIONS



Face Contact specify **F**

BEARING OPTIONS



- Polished Stainless Steel
- Perfect for Washdown and Corrosive Environments

04 SERIES • CAPACITY TO 350

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Soft Rubber (41 Plain Bore)

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 125 | 4 1/4 | 1 5/16 | 1.50 | 04RR03041 |
| 3 1/2 | 1 1/4 | 150 | 4 11/16 | 1 1/4 | 1.75 | 04RR03X41 |
| 4 | 1 1/4 | 150 | 5 1/8 | 1 1/4 | 2.25 | 04RR04041 |
| 5 | 1 1/4 | 175 | 6 3/16 | 1 1/2 | 2.63 | 04RR05041 |

RR

Hard Rubber (41 Plain Bore)

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 300 | 4 1/4 | 1 5/16 | 1.50 | 04RN03041 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 2.00 | 04RN03X41 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.50 | 04RN04041 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.63 | 04RN05041 |

RN

X-tra Soft Rubber Flat Tread (51 Delrin Bearing)*

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.50 | 04XS03051 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.75 | 04XS03X51 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 2.50 | 04XS04051 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 2.63 | 04XS05051 |

*Plain bore bearing available. Change "51" to "41"
(Example: 04XS03041).

XS

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Precision X-tra Soft Round Tread (28 Precision Ball Bearing) NEW PRODUCT!

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 200 | 4 1/4 | 1 5/16 | 1.50 | 04XR03028 |
| 3 1/2 | 1 1/4 | 250 | 4 11/16 | 1 1/4 | 1.75 | 04XR03X28 |
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 2.25 | 04XR04028 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 2.63 | 04XR05028 |

XR

Polypropylene (51 Delrin Bearing)

POPULAR MODEL!

| | | | | | | |
|---|-------|-----|--------|--------|------|------------------|
| 3 | 1 1/4 | 250 | 4 1/4 | 1 5/16 | 1.50 | 04PB03051 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.13 | 04PB04051 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.63 | 04PB05051 |

PB

Continue on next page

04

LIGHT DUTY STAINLESS STEEL

Continued from previous page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

Polyurethane on Polypropylene (51 Delrin Bearing)

| | | | | | | |
|-------|-------|-----|---------|--------|------|---|
| 3 | 1 1/4 | 300 | 4 1/4 | 1 5/16 | 1.50 | NEW PRODUCT! 04XA03051 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 1.75 | 04XA03X51 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.50 | 04XA04051 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 04XA05051 |



XA Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Phenolic (41 Plain Bore)

| | | | | | | |
|-------|-------|-----|---------|--------|------|------------------|
| 3 | 1 1/4 | 350 | 4 1/4 | 1 5/16 | 1.50 | 04TM03041 |
| 3 1/2 | 1 1/4 | 350 | 4 11/16 | 1 1/4 | 2.00 | 04TM03X41 |
| 4 | 1 1/4 | 350 | 5 1/8 | 1 1/4 | 2.50 | 04TM04041 |
| 5 | 1 1/4 | 350 | 6 3/16 | 1 1/2 | 2.75 | 04TM05041 |



TM

Hi-Temp Phenolic (41 Plain Bore)

| | | | | | | |
|---|-------|-----|--------|-------|------|------------------|
| 4 | 1 1/4 | 300 | 5 1/8 | 1 1/4 | 2.50 | 04TR04041 |
| 5 | 1 1/4 | 325 | 6 3/16 | 1 1/2 | 2.75 | 04TR05041 |



TR

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



XA Prevenz™
Polyurethane on
Polypropylene

XS Prevenz™
X-trasoft Rubber
Flat Tread

Contender Kingpinless 130/330 Stainless Steel Casters

Sometimes Even Heavy Duty Casters
Need Protection from the Elements

- Premium 304 type stainless steel plates and legs
- Premium 316 type stainless swivel section/yoke base for even greater strength and corrosion protection
- Kingpinless design is a proven workhorse for the most abusive applications

See pages 106-107 (130 Series); 110-111 (330 Series)





Applications

- Hospitality
- Furniture
- Hospital beds
- Food services
- Pharmaceuticals
- Dollies & Carts
- Educational
- Institutional

FALLSHAW



Features

- 5 year warranty on rig
- 3 year warranty on wheel
- Elegant sophistication
- Smooth swiveling with twin ball raceways
- Non-marking wheels
- ColorWays option on Arc/Zen models to match furniture, display or equipment
- Superior corrosion protection: Powder coated rig on Arc/Zen models. CoreCoat™ Lacquer for K, M, J, O series models
- Chicago screw axle, domed both sides on Arc/Zen models
- Excellent design and performance

Albion is the Exclusive Supplier of the Fallshaw Product Line in America

Albion now has a complete line of light duty casters for the store fixture, display, medical equipment and furniture markets.

Fallshaw is Australia's largest manufacturer of wheels and casters and has a large range of industrial, furniture and medical casters – designed with signature style, very competitive prices and first-class quality and performance.

GOOD NEWS FOR FALLSHAW CUSTOMERS

The agreement also allows Fallshaw to distribute Albion products in Australia. "We are thrilled to bring the Albion line of casters and wheels to our customers in Australia and the South Pacific", states Jo Fallshaw Bishop, Managing Director, Fallshaw Wheels and Casters, Inc. The Albion line will allow Fallshaw to more effectively compete in the medium to heavy duty markets such as the aviation/ground support equipment, automotive, government, and all other heavy manufacturing and distribution in Australia.

GOOD NEWS FOR ALBION CUSTOMERS

Fallshaw is able to produce products at world competitive prices because, similar to Albion, they use intelligent technology to reduce costs. They utilize quick die changing and automation, together with careful production planning.

Fallshaw casters combine form and function. You won't have to choose between style and performance - you can have both.

Casters should be a considered part of equipment design, with color, finish and style seamlessly blending to the point that the casters are just a part of the whole, rather than a noticeable afterthought.

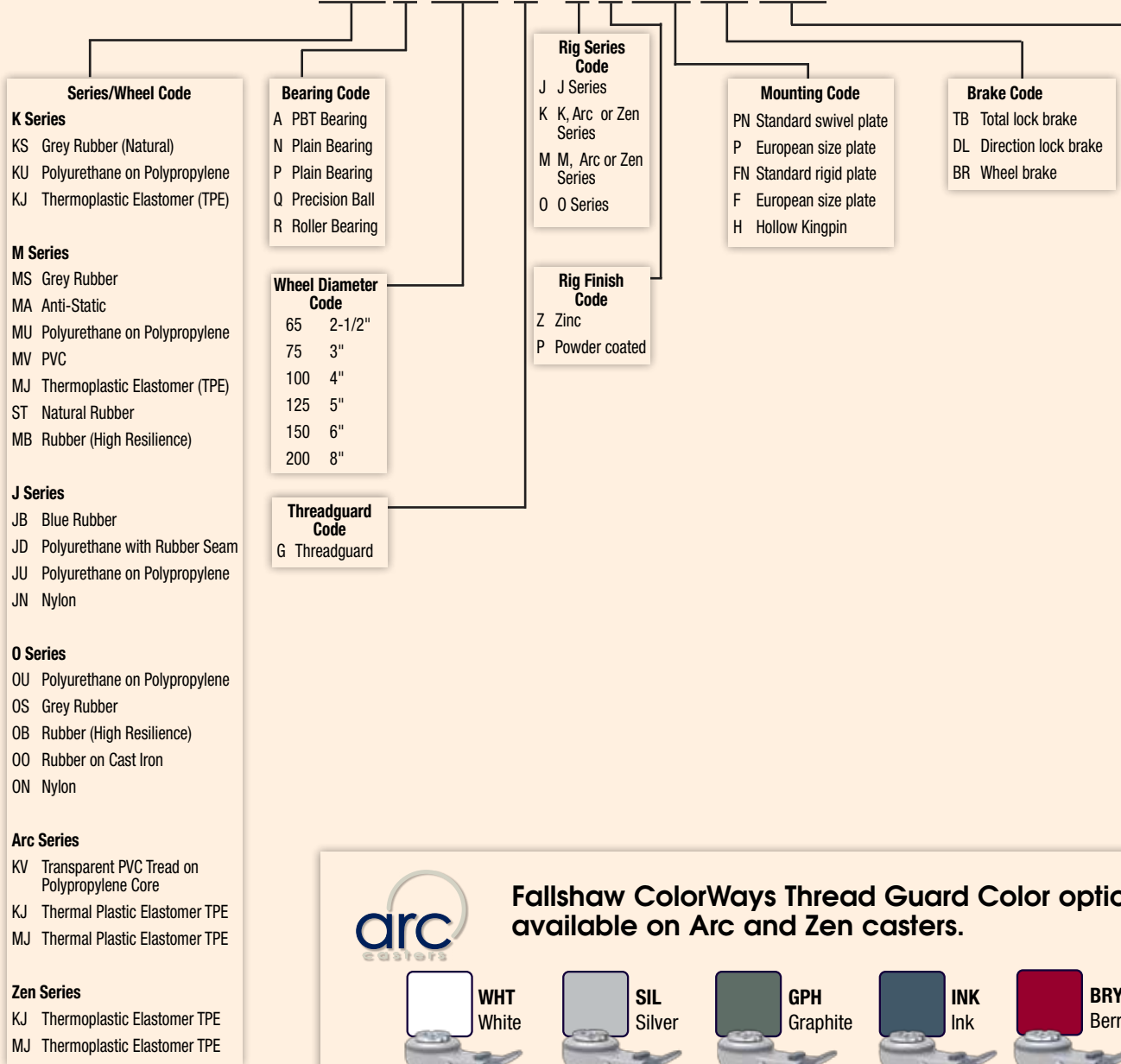
Fallshaw Casters used on carts steer true with minimal push effort, great ride comfort and brakes that work effectively every time. When casters are designed well, people are not conscious of how a cart moves - it just happens.

ALBION[®]
www.albioninc.com
 800-835-8911

Fallshaw Model Numbering System

MJQ125G/MPPNTBBRY

This example is a 5" ARC 220 swivel plate total brake rig with thermoplastic elastomer wheel and precision ball bearing with berry thread guard



arc casters

Fallshaw ColorWays Thread Guard Color options available on Arc and Zen casters.

| | | | | | | | | | |
|---|----------------------|---|----------------------|--|------------------------|---|------------------------|---|---------------------|
|  | WHT White |  | SIL Silver |  | GPH Graphite |  | INK Ink |  | BRY Berry |
|  | CPR Copper |  | RST Russet |  | ZBR Bronze |  | TIM Titanium | | |

zen casters

K

Series Casters

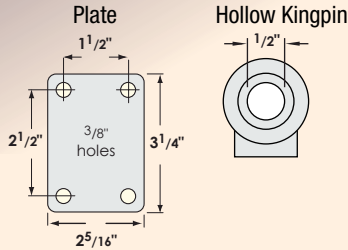


This is the ideal caster for light duty applications. Specifically for indoor functions where a high quality ride, attractive appearance and effective breaking system is required.

TYPICAL APPLICATIONS

- Hospitality
- Food services
- Pharmaceuticals
- Dollies
- Light furniture
- Store displays

MOUNTING OPTIONS



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- CoreCoat™ lacquer for superior corrosion protection
- Excellent design and performance

RIG OPTIONS

Swivel Plate
KZP



Swivel Plate
Total Brake
KZPTB



Rigid Plate
KZF



Swivel Hollow
Kingpin
KZH



Swivel Hollow
Kingpin Total
Brake **KZHTB**



BEARING OPTIONS



K SERIES • CAPACITY TO 120

| | | | | | | |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|---------------------|---------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Bearing Type | Wheel Number |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|---------------------|---------------------|

Grey Rubber (Natural)



| | | | | | | |
|-----|-----|-----|--------|-------|---|-----------------|
| 2.5 | 7/8 | 100 | 3 3/4 | 2 1/2 | P | KSP65/ |
| 3 | 7/8 | 100 | 4 1/8 | 2 3/4 | P | KSP75*/ |
| 4 | 7/8 | 110 | 5 3/16 | 3 1/4 | P | KSP100*/ |
| 4 | 7/8 | 110 | 5 3/16 | 3 1/4 | Q | KSQ100G/ |

*Thread Guards optional: add "G" before the slash to the wheel code (Example: KSP75G/KZP).

KS

Polyurethane on Polypropylene



| | | | | | | |
|---|-----|-----|--------|-------|---|----------------|
| 3 | 7/8 | 120 | 4 1/8 | 2 3/4 | A | KUA75/ |
| 3 | 7/8 | 120 | 4 1/8 | 2 3/4 | Q | KUQ75/ |
| 4 | 7/8 | 120 | 5 3/16 | 3 1/4 | A | KUA100/ |
| 4 | 7/8 | 120 | 5 3/16 | 3 1/4 | Q | KUQ100/ |

KU

Thermoplastic Elastomer (TPE)



| | | | | | | |
|-----|-----|-----|--------|-------|---|-----------------|
| 2.5 | 7/8 | 110 | 3 3/4 | 2 1/2 | A | KJA65G/ |
| 2.5 | 7/8 | 110 | 3 3/4 | 2 1/2 | Q | KJQ65G/ |
| 3 | 7/8 | 110 | 4 1/8 | 2 3/4 | A | KJA75G/ |
| 3 | 7/8 | 110 | 4 1/8 | 2 3/4 | Q | KJQ75G/ |
| 4 | 7/8 | 110 | 5 3/16 | 3 1/4 | A | KJA100G/ |
| 4 | 7/8 | 110 | 5 3/16 | 3 1/4 | Q | KJQ100G/ |

KJ

Rig Numbers



| | | | | |
|------------|--------------|------------|------------|--------------|
| KZP | KZPTB | KZF | KZH | KZHTB |
|------------|--------------|------------|------------|--------------|

| | | | | |
|------------|--------------|------------|------------|--------------|
| KZP | KZPTB | KZF | KZH | KZHTB |
|------------|--------------|------------|------------|--------------|

| | | | | |
|------------|--------------|------------|------------|--------------|
| KZP | KZPTB | KZF | KZH | KZHTB |
|------------|--------------|------------|------------|--------------|



Caster Number: KUQ75/KZPTB
This 3" swivel hollow Kingpin total brake rig with grey rubber wheel features a precision ball bearing.

Swivel lead dimension refers to KZP/KZH rigs.
Brake rig swivel lead is 3 1/2".

M

Series Casters



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- CoreCoat™ lacquer for superior corrosion protection
- Excellent design and performance

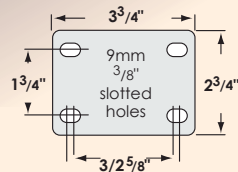
This is the ideal caster for hard working applications. The M caster is the everyday reliable caster that you can depend upon. The quality components ensure functionality which is enhanced by its eye-catching form.

TYPICAL APPLICATIONS

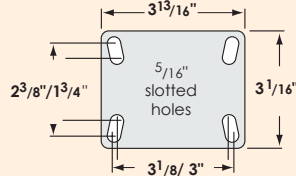
- Hospital beds
- Hospitality
- Food services
- Pharmaceuticals
- Dollies
- Light furniture
- Store displays
- Stock carts
- Institutional

MOUNTING OPTIONS

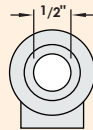
North American Plate



Standard ISO Plate



Hollow Kingpin



To order delete **N** after rig code:
Example: MSA100G/MZPNTB
changes to MSA100G/MZPTB

RIG OPTIONS

Swivel Plate
MZPN



Rigid Plate
MZFN



Swivel Plate
Total Brake
(Red) **MZPNTB**



Swivel Plate
Direction Brake
(Green) **MZPNDL**



Swivel Hollow
Kingpin **MZH**



Swivel Hollow
Kingpin Total Brake
(Red) **MZHPTB**





Swivel Hollow
Kingpin
Direction Brake
(Green) **MZHDL**










If swivel lead is too large for your application, a shorter pedal is available - ask the factory

BEARING DESCRIPTIONS



| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Roller for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Bearing Type | Wheel Number |
|---|-------------------------|----------------------|---|-------------------------|----------------------|--------------|---|
| Grey Rubber  | 4 | 1 5/16 | 285 | 5 5/16 | 3 9/16 | A | MSA100G/MSQ100G/MSA125G/MSQ125G/ |
| | 4 | 1 5/16 | 300 | 5 5/16 | 3 9/16 | Q | |
| | 5 | 1 5/16 | 300 | 6 3/8 | 4 | A | |
| | 5 | 1 5/16 | 330 | 6 3/8 | 4 | Q | |
| PVC  | 3 | 1 1/4 | 155 | 4 3/16 | 2 7/8 | Q | MVQ75G/MVQ100G/MVQ125G/ |
| | 4 | 1 1/4 | 165 | 5 5/16 | 3 9/16 | Q | |
| | 5 | 1 1/4 | 175 | 6 3/8 | 4 | Q | |

| Rig Numbers | Swivel Plate Total Brake | Swivel Plate Direction Brake | Rigid Plate | Hollow Kingpin | Hollow Kingpin Total Brake | Hollow Kingpin Direction Brake |
|---|---|--|---|---|---|---|
|  |  |  |  |  |  |  |
| MZPN | MZPNTB | MZPNDL | MZFN | MZH | MZHPTB | MZHDL |



Caster Number: MSQ100G/MZPNTB
This 4" swivel plate total brake rig with grey rubber wheel features precision ball bearings.

Swivel lead dimension refers to MZPN/MZH rigs. Brake rig swivel lead is 4 5/8" for 3" diam. wheels and 5" for 4" & 5" diam. wheels.

Continued next page

M

Series Casters



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- CoreCoat™ lacquer for superior corrosion protection
- Excellent design and performance

M SERIES • CAPACITY TO 330

Continued from previous page

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Bearing Type | Wheel Number | Rig Numbers | | | | | |
|--|----------------------------|--|--|--|--|----------------------------|--|--|---------------------------------|-------------|-------------------|-------------------------------|-----------------------------------|
| | | | | | | | | Swivel Plate Swivel Plate Total Brake | Swivel Plate Direction Brake | Rigid Plate | Hollow Kingpin | Hollow Kingpin Total Brake | Hollow Kingpin Direction Brake |
| Anti-Static  MA | 4 5 | 1 1/4 1 1/4 | 175 200 | 5 5/16 6 3/8 | 3 9/16 4 | Q Q | MAQ100G/ MAQ125G/ | MZPN MZPNTB MZPNDL MZFN MZH MZHTB MZHDL | | | | | |
| Polyurethane on Polypropylene  MU | 3 4 5 | 1 1/4 1 1/4 1 1/4 | 285 300 330 | 4 3/16 5 5/16 6 3/8 | 2 7/8 3 9/16 4 | Q Q Q | MUQ75G/ MUQ100G/ MUQ125G/ | MZPN MZPNTB MZPNDL MZFN MZH MZHTB MZHDL | | | | | |
| Thermoplastic Elastomer (TPE)  MJ | 3 3 4 4 5 5 | 1 1/4 1 1/4 1 1/4 1 1/4 1 1/4 1 1/4 | 165 190 175 200 200 220 | 4 3/16 4 3/16 5 5/16 5 5/16 6 3/8 6 3/8 | 2 7/8 2 7/8 3 9/16 3 9/16 4 4 | A Q A Q A Q | MJA75G/ MJQ75G/ MJA100G/ MJQ100G/ MJA125G/ MJQ125G/ | MZPN MZPNTB MZPNDL MZFN MZH MZHTB MZHDL | | | | | |
| Natural Rubber  ST | 3 4 5 | 1 1/4 1 1/4 1 1/4 | 190 200 220 | 4 3/16 5 5/16 6 3/8 | 2 7/8 3 9/16 4 | Q Q Q | STQ75G/ STQ100G/ STQ125G/ | MZPN MZPNTB MZPNDL MZFN MZH MZHTB MZHDL | | | | | |
| Rubber Hi Resilience  MB | 4 5 | 1 1/4 1 1/4 | 300 330 | 5 5/16 6 3/8 | 3 9/16 4 | Q Q | MBQ100G/ MBQ125G/ | MZPN MZPNTB MZPNDL MZFN MZH MZHTB MZHDL | | | | | |



Caster Number: MUQ100G/MZH
This 4" hollow Kingpin rig with polyurethane on polypropylene wheel features precision ball bearings

Swivel lead dimension refers to MZPN/MZH rigs. Brake rig swivel lead is 4 5/8" for 3" diam. wheels and 5" for 4" & 5" diam. wheels.

Series Casters



This caster is perfect when a robust caster is required. Although it can bear a greater load it has been designed with style in mind and therefore its polished appearance is an added benefit.

TYPICAL APPLICATIONS

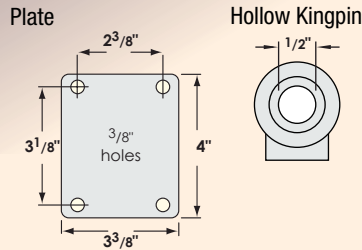
- Hospitality
- Food services
- Dollies
- Store displays
- Stock carts
- Hotel luggage carts
- Heavy duty trolleys



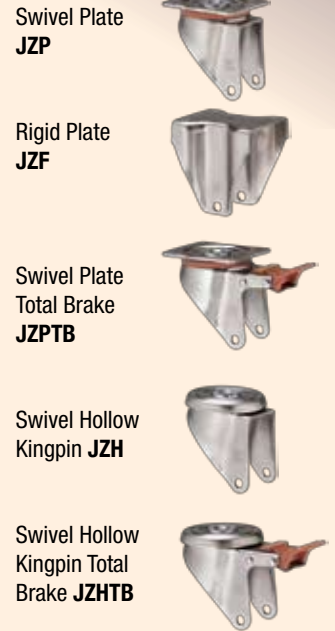
FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- CoreCoat™ lacquer for superior corrosion protection
- Excellent design and performance

MOUNTING OPTIONS




RIG OPTIONS



BEARING DESCRIPTIONS



| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Bearing Type | Wheel Number |
|---|-------------------------|----------------------|---|-------------------------|----------------------|--------------|----------------|
| Blue Rubber  | 4 | 1 1/4 | 330 | 5 1/16 | 3 1/2 | A | JBA100/ |
| | 4 | 1 1/4 | 330 | 5 1/16 | 3 1/2 | R | JBR100/ |
| | 5 | 1 3/8 | 395 | 6 1/8 | 4 3/8 | A | JBA125/ |
| | 5 | 1 3/8 | 395 | 6 1/8 | 4 3/8 | R | JBR125/ |

Thread Guards optional: add "G" before the slash to the wheel code (Example: JBA100G/JZP).

| Rig Numbers | Swivel Plate Total Brake | Rigid Plate | Hollow Kingpin | Hollow Kingpin Total Brake |
|---|--|---|---|---|
|  |  |  |  |  |

JZP | JZPTB | JZF | JZH | JZHTB



Caster Number: JDR100G/JZH
This 4" swivel hollow Kingpin caster includes Polyurethane with Rubber Seam wheel featuring roller bearings.

Thread guard option requires additional lead time, Consult Factory.
Swivel lead dimension refers to JZP/JZH rigs.
Brake rig swivel lead is 4 13/16".

J Series Casters


















FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- CoreCoat™ lacquer for superior corrosion protection
- Excellent design and performance



Continued from previous page

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Bearing Type | Wheel Number | Rig Numbers | Swivel Plate Total Brake | Rigid Plate | Hollow Kingpin | Hollow Kingpin Total Brake |
|--|----------------------------|--------------------------------|---|--------------------------------|-------------------------------|--------------|-----------------|--|---|---|---|---|
| Polyurethane With Rubber Seam | | | | | | | | | | | | |
|  JD | 4 | 1 ³ / ₈ | 485 | 5 ¹ / ₁₆ | 3 ¹ / ₂ | R | JDR100G/ | JZP JZPTB JZF JZH JZHTB |  |  |  |  |
| | 5 | 1 ⁷ / ₁₆ | 550 | 6 ¹ / ₈ | 4 ³ / ₈ | R | JDR125G/ | | | | | |
| Polyurethane on Polypropylene | | | | | | | | | | | | |
|  JU | 4 | 1 ¹ / ₄ | 615 | 5 ¹ / ₁₆ | 3 ¹ / ₂ | A | JUA100/ | JZP JZPTB JZF JZH JZHTB |  |  |  |  |
| | 4 | 1 ¹ / ₄ | 615 | 5 ¹ / ₁₆ | 3 ¹ / ₂ | R | JUR100/ | | | | | |
| | 5 | 1 ¹ / ₂ | 660 | 6 ¹ / ₈ | 4 ³ / ₈ | A | JUA125/ | | | | | |
| | 5 | 1 ¹ / ₂ | 660 | 6 ¹ / ₈ | 4 ³ / ₈ | R | JUR125/ | | | | | |
| Thread Guards optional: add "G" before the slash to the wheel code (Example: JUA100G/JZP). | | | | | | | | | | | | |
| Nylon | | | | | | | | | | | | |
|  JN | 4 | 1 ¹ / ₄ | 615 | 5 ¹ / ₁₆ | 3 ¹ / ₂ | N | JNN100/ | JZP JZPTB JZF JZH JZHTB |  |  |  |  |
| | 4 | 1 ¹ / ₄ | 615 | 5 ¹ / ₁₆ | 3 ¹ / ₂ | R | JNR100/ | | | | | |
| | 5 | 1 ³ / ₈ | 660 | 6 ¹ / ₈ | 4 ³ / ₈ | N | JNN125/ | | | | | |
| | 5 | 1 ³ / ₈ | 660 | 6 ¹ / ₈ | 4 ³ / ₈ | R | JNR125/ | | | | | |
| Thread Guards optional: add "G" before the slash to the wheel code (Example: JNN100G/JZP). | | | | | | | | | | | | |



Caster Number: JDR100G/JZH
This 4" swivel hollow Kingpin caster includes Polyurethane with Rubber Seam wheel featuring roller bearings.

Thread guard option requires additional lead time, Consult Factory.
Swivel lead dimension refers to JZP/JZH rigs.
Brake rig swivel lead is 4¹³/₁₆".

O

Series Casters



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- CoreCoat™ lacquer for superior corrosion protection
- Excellent design and performance

RIG OPTIONS

Swivel Plate
OZPN



Rigid Plate
OZFN



Swivel Plate
Total Brake
OZPNTB



BEARING DESCRIPTIONS



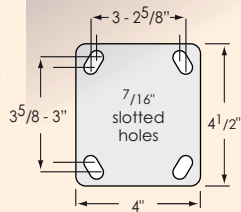
A robust stamped metal caster. Ideal when moving a heavy load is imperative.

TYPICAL APPLICATIONS

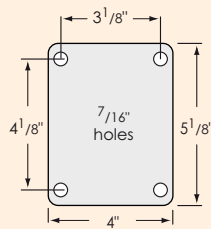
- Hospitality
- Food services
- Stock carts
- Factories
- Industrial

MOUNTING OPTIONS

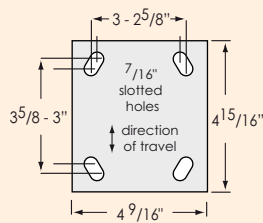
North American Swivel Plate



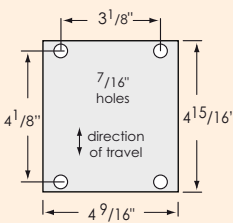
Standard ISO Swivel Plate



North American Rigid Plate



Standard ISO Rigid Plate



To order ISO plates delete **N** after rig code:
Example: OUR100/OZPN.
changes to OUR100/OZP.



Rig Numbers



Polyurethane on Polypropylene

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Bearing Type | Wheel Number |
|-------------------------|----------------------|----------------|-------------------------|----------------------|--------------|----------------|
| 4 | 2 | 660 | 57/16 | 33/4 | R | OUR100/ |
| 5 | 2 | 725 | 65/16 | 41/4 | R | OUR125/ |
| 6 | 2 | 790 | 77/16 | 43/4 | R | OUR150/ |
| 8 | 2 | 880 | 91/2 | 6 | R | OUR200/ |

| Swivel Plate | Total Brake | Rigid Plate |
|--------------|---------------|-------------|
| OZPN | OZPNTB | OZFN |



Caster Number: OUR100/OZPNTB
This 4" swivel plate total brake rig has a Polyurethane on Polypropylene wheel with roller bearings.

Swivel lead dimension refers to OZPN rigs.
Brake rig swivel lead is 55/8".

O





Series Casters



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- CoreCoat™ lacquer for superior corrosion protection
- Excellent design and performance

Continued from previous page

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Plate for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Bearing Type | Wheel Number | Rig Numbers |
|---|----------------------------|-------------------------|--|----------------------------|-------------------------|--------------|----------------|--|
| | | | | | | | | Swivel Plate Total Brake Rigid Plate |
| Grey Rubber | | | | | | | | |
|  | 4 | 2 | 660 | 57/16 | 33/4 | Q | OSQ100/ | OZPN OZPNTB OZFN |
| | 5 | 2 | 725 | 65/16 | 41/4 | Q | OSQ125/ | |
| | 6 | 2 | 790 | 77/16 | 43/4 | Q | OSQ150/ | |
| | 8 | 2 | 880 | 91/2 | 6 | Q | OSQ200/ | |
| OS | | | | | | | | |
| Rubber High Resilience | | | | | | | | |
|  | 4 | 2 | 660 | 57/16 | 33/4 | Q | OBQ100/ | OZPN OZPNTB OZFN |
| | 5 | 2 | 725 | 65/16 | 41/4 | Q | OBQ125/ | |
| | 6 | 2 | 790 | 77/16 | 43/4 | Q | OBQ150/ | |
| | 8 | 2 | 880 | 91/2 | 6 | Q | OBQ200/ | |
| OB | | | | | | | | |
| Rubber on Cast Iron | | | | | | | | |
|  | 4 | 111/16 | 265 | 57/16 | 33/4 | R | OOR100/ | OZPN OZPNTB OZFN |
| | 5 | 111/16 | 395 | 65/16 | 41/4 | R | OOR125/ | |
| | 6 | 111/16 | 460 | 77/16 | 43/4 | R | OOR150/ | |
| | 8 | 111/16 | 550 | 91/2 | 6 | R | OOR200/ | |
| OO | | | | | | | | |
| Nylon | | | | | | | | |
|  | 4 | 19/16 | 770 | 57/16 | 33/4 | A | ONA100/ | OZPN OZPNTB OZFN |
| | 4 | 19/16 | 770 | 57/16 | 33/4 | R | ONR100/ | |
| | 5 | 19/16 | 835 | 65/16 | 41/4 | A | ONA125/ | |
| | 5 | 19/16 | 835 | 65/16 | 41/4 | R | ONR125/ | |
| | 6 | 19/16 | 880 | 77/16 | 43/4 | A | ONA150/ | |
| | 6 | 19/16 | 880 | 77/16 | 43/4 | R | ONR150/ | |
| | 8 | 19/16 | 880 | 91/2 | 6 | A | ONA200/ | |
| | 8 | 19/16 | 880 | 91/2 | 6 | R | ONR200/ | |
| ON | | | | | | | | |

Swivel lead dimension refers to OZPN rigs.
Brake rig swivel lead is 55/8".



Caster Number: OBQ100/OZPN
This 4" swivel plate rig with rubber high resilience wheel features precision ball bearings.

ARC Deluxe Light Duty



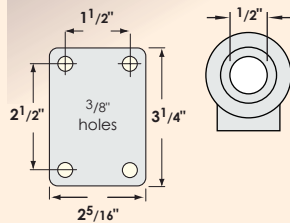
The five standard ColorWay options available in the ARC K Series range make it easy to find a caster that suits your design. The ARC K Series capacity range is ideal for light to medium application.

TYPICAL APPLICATIONS

- Hospitality
- Shop displays
- Office equipment
- Furniture

MOUNTING OPTIONS

Swivel Plate Hollow Kingpin

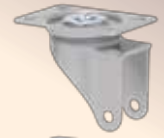


FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- ColorWays to match furniture, display or equipment
- Powder coated rig
- Chicago screw axle, domed both sides
- Excellent design and performance

RIG / BRAKE OPTIONS

Swivel Plate
KPP



Swivel Plate
Total Brake
KPPTB



Swivel Hollow
Kingpin
KPH



Swivel Hollow
Kingpin
Total Brake
KPHTB



BEARING DESCRIPTIONS



Plain Bearing (P)



Precision Ball (Q)

| | | | | | | | | | | |
|--|-----------------------------------|--|--------------------------------|--|---|--|-----------------------------------|--|--------------------------------|---------------------|
| | Wheel Diameter (Inches) | | Tread Width (Inches) | | Capacity (Lbs) <small>(Rig for manual operation)</small> | | Overall Height (Inches) | | Swivel Lead (Inches) | Wheel Number |
|--|-----------------------------------|--|--------------------------------|--|---|--|-----------------------------------|--|--------------------------------|---------------------|

Transparent PVC Tread Polypropylene Core (Plain Bearing)

| | | | | | | |
|--|-----------|-----|-----|--------|-------|---------------|
| | 3 | 7/8 | 110 | 4 1/8 | 2 3/4 | KVP75/ |
| | 4 | 7/8 | 110 | 5 3/16 | 3 1/4 | |
| | KV | | | | | |

| Rig Numbers | | | | Color Way Code | ColorWay Description |
|--------------|--------------------------|----------------|----------------------------|----------------|----------------------|
| Swivel Plate | Swivel Plate Total Brake | Hollow Kingpin | Hollow Kingpin Total Brake | | |
| | | | | GRY | Transparent Grey |

Thermal Plastic Elastomer TPE (Precision Ball Bearing)

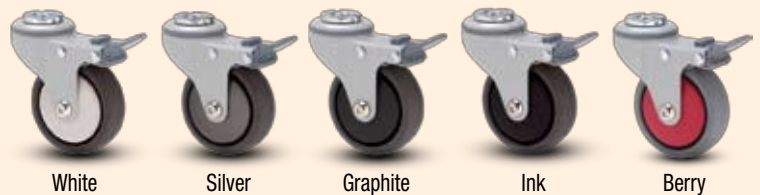
| | | | | | | |
|-----------|-------|-----|-----|--------|-------|---|
| | 2 1/2 | 7/8 | 110 | 3 3/4 | 2 1/2 | KJQ65G/ KJQ75G/ KJQ100G/ |
| | 3 | 7/8 | 110 | 4 1/8 | 2 3/4 | |
| | 4 | 7/8 | 110 | 5 3/16 | 3 1/4 | |
| KJ | | | | | | |

| Rig Numbers | | | | Color Way Code | ColorWay Description |
|--------------|--------------------------|----------------|----------------------------|--|--|
| Swivel Plate | Swivel Plate Total Brake | Hollow Kingpin | Hollow Kingpin Total Brake | | |
| | | | | WHT SIL GPH INK BRY | White Thread Guard Silver Thread Guard Graphite Thread Guard Ink Thread Guard Berry Thread Guard |

Swivel lead dimension refers to KPP/KPH rigs.
Brake rig swivel lead is 3 1/2".



Caster Number: KVP75/KPHTBGRY
This 3" swivel plate total brake rig features a transparent grey wheel and plain bearing.



ARC

Deluxe Medium Duty



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- ColorWays to match furniture, display or equipment
- Powder coated rig
- Chicago screw axle, domed both sides
- Excellent design and performance

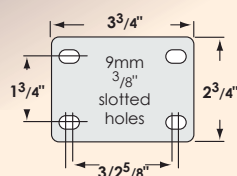
The ARC M Series is the hard working caster with a flair of style. It is also available in five standard colors and a powder coated finish, but is more suited to everyday applications.

TYPICAL APPLICATIONS

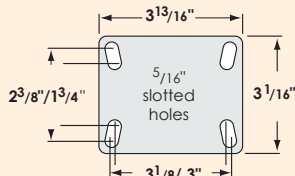
- Hospital beds
- Hospitality
- Food services
- Pharmaceuticals
- Dollies
- Light furniture
- Store displays
- Stock carts
- Institutional

MOUNTING OPTIONS

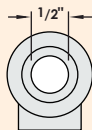
North American Plate



Standard ISO Plate



Hollow Kingpin



RIG / BRAKE OPTIONS

Swivel Plate
MPPN



Swivel Plate
Total Brake
MPPNTB



Swivel Hollow
Kingpin
MPH



Swivel Hollow
Kingpin
Total Brake
MPHTB



BEARING DESCRIPTION



To order delete **N** after rig code:
Example: MJQ100G/MPPNGPH
changes to MJQ100G/MPPGPH



Thermoplastic Elastomer TPE (Precision Ball Bearing)

| Wheel Number | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on minimal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Number |
|--------------|-------------------------|----------------------|---|-------------------------|---------------------------------|--------------|
| 3 | 1 1/4 | 190 | 4 3/16 | 2 7/8 | MJQ75G/ MJQ100G/ MJQ125G/ | MJ |
| 4 | 1 1/4 | 200 | 5 5/16 | 3 9/16 | | |
| 5 | 1 1/4 | 220 | 6 3/8 | 4 | | |

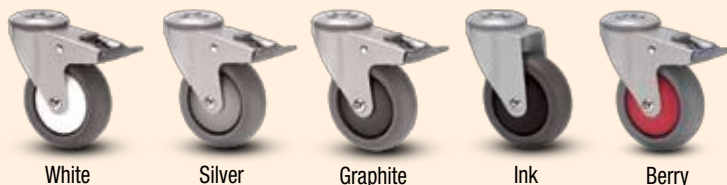
Note: MJQ wheels were formerly QXQ wheels

| Rig Numbers | Swivel Plate | Swivel Plate Total Brake | Hollow Kingpin | Hollow Kingpin Total Brake | Color Way Code | ColorWay Description |
|-------------|--------------|--------------------------|----------------|---------------------------------|--|----------------------|
| MPPN | MPPNTB | MPH | MPHTB | WHT SIL GPH INK BRY | White Thread Guard Silver Thread Guard Graphite Thread Guard Ink Thread Guard Berry Thread Guard | |



Caster Number: MJQ125G/MPHNTBBRY
This 5" hollow Kingpin total brake rig with thermoplastic elastomer wheel and berry color thread guard features a precision ball bearing.

Swivel lead dimension refers to MPPN/MPH rigs.
Brake rig swivel lead is 4 5/8".



ZEN

Deluxe Light Duty

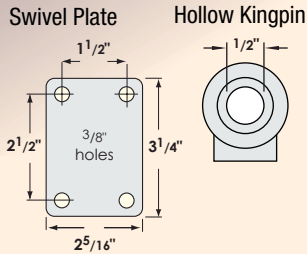


The Zen K Series is available in four earth tones that set the tone for any modern living space. It is ideal for light to medium applications. When style is important Zen K Series is for you.

TYPICAL APPLICATIONS

- Hospitality
- Store displays
- Furniture

MOUNTING OPTIONS



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- ColorWays to match furniture, display or equipment
- Powder coated rig
- Chicago screw axle, domed both sides
- Excellent design and performance

RIG OPTIONS

Swivel Plate
Total Brake
KPP



Swivel Plate
Total Brake
KPPTB



Hollow Kingpin
KPH



Hollow Kingpin
Total Brake
KPHTB



BEARING DESCRIPTION



Precision Ball (Q)

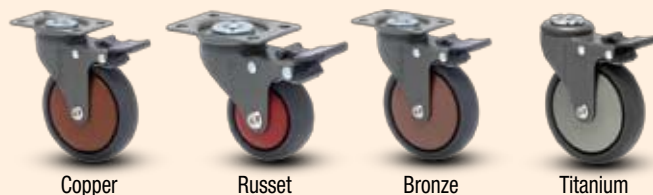
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Number | Rig Numbers | | | | Color Way Code | ColorWay Description | |
|---|----------------------|--|-------------------------|----------------------|-----------------|--------------|--------------------------|----------------|----------------------------|----------------|-----------------------|--|
| | | | | | | Swivel Plate | Swivel Plate Total Brake | Hollow Kingpin | Hollow Kingpin Total Brake | | | |
| Thermoplastic Elastomer TPE (Precision Ball Bearing) | | | | | | | | | | | | |
| 2 1/2 | 7/8 | 110 | 3 3/4 | 2 1/2 | KJQ65G/ | KPP | KPPTB | KPH | KPHTB | CPR | Copper Thread Guard | |
| 3 | 7/8 | 110 | 4 1/8 | 2 3/4 | KJQ75G/ | | | | | RST | Russet Thread Guard | |
| 4 | 7/8 | 110 | 5 3/16 | 3 1/4 | KJQ100G/ | | | | | ZBR | Bronze Thread Guard | |
| | | | | | | | | | | TIM | Titanium Thread Guard | |

KJ



Caster Number: KJQ100G/KPHTBTIM
This 4" hollow Kingpin total brake rig with thermoplastic elastomer wheel and titanium color thread guard features a precision ball bearing.

Swivel lead dimension refers to KPP/KPH rigs.
Brake rig swivel lead is 3 1/2".



ZEN

Deluxe Medium Duty



FEATURES

- 5 year warranty on rig
- 3 year warranty on wheel
- ColorWays to match furniture, display or equipment
- Powder coated rig
- Chicago screw axle, domed both sides
- Excellent design and performance

RIG OPTIONS

Swivel Plate
MPPN



Swivel Plate
Total Brake
MPPNTB



Swivel Hollow
Kingpin
MPH



Swivel Hollow
Kingpin
Total Brake
MPHTB



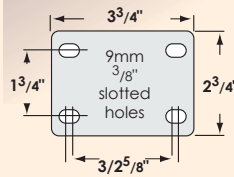
A dependable caster that is suitable for everyday applications, the Zen M Series offers a sophisticated finish to a hard working caster, as it is available in four earth tones, which is perfect for a contemporary atmosphere.

TYPICAL APPLICATIONS

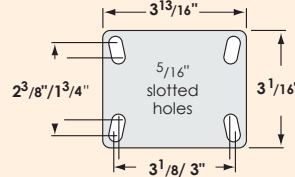
- Hospital beds
- Hospitality
- Food services
- Pharmaceuticals
- Dollies
- Store displays
- Stock carts
- Institutional

MOUNTING OPTIONS

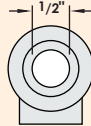
North American Plate



Standard ISO Plate



Hollow Kingpin



To order delete **N** after rig code:
Example: MJQ100G/MPPNRST
changes to MJQ100G/MPPRST

BEARING DESCRIPTION



Precision Ball (Q)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Wheel Number |
|-------------------------|----------------------|--|-------------------------|----------------------|--------------|
| 3 | 1 1/4 | 190 | 4 3/16 | 2 7/8 | MJQ75G/ |
| 4 | 1 1/4 | 200 | 5 5/16 | 3 9/16 | MJQ100G/ |
| 5 | 1 1/4 | 220 | 6 3/8 | 4 | MJQ125G/ |

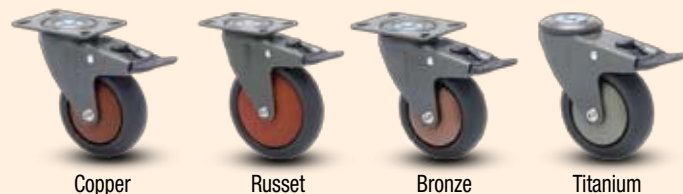
MJ Note: MJQ wheels were formerly QXQ wheels

| Rig Numbers | Swivel Plate Total Brake | Hollow Kingpin | Hollow Kingpin Total Brake | Color Way Code | ColorWay Description |
|--------------|--------------------------|----------------|----------------------------|--------------------------|--|
| Swivel Plate | | | | | |
| MPPN | MPPNTB | MPH | MPHTB | CPR RST ZBR TIM | Copper Thread Guard Russet Thread Guard Bronze Thread Guard Titanium Thread Guard |

Swivel lead dimension refers to MPPN/MPH Rigs. Brake rig swivel lead is 4 5/8" for 3" diam. wheels and 5" for 4" & 5" diam. wheels.



Caster Number: MJQ100G/MTHTBTIM
This 4" hollow Kingpin total brake rig with thermoplastic elastomer wheel and titanium color thread guard features a precision ball bearing.



About Fallshaw

Fallshaw Casters

ISO9001 - 2000 QUALITY MANAGEMENT SYSTEM

Maintaining an effective quality assurance system requires regular internal audits of all our design and manufacturing processes to ensure we are following our quality plans. Surveillance and conformance audits by external auditors give further independent assurance this is happening.

Fallshaw believes that to stay ahead in today's competitive market, you have to be competitively priced, produce quality products and deliver them in a timely manner.

Fallshaw also tests their products ... and nothing tests a product better than a loaded rig of falling steel! Prototypes are given more punishment than we hope our customers could ever dish out. International design standards are used. If we feel the standards are not tough enough - we'll add our own, more stringent, tests.



Sample Fallshaw Applications



ALBION®

Item **Page**



05 Medium Heavy Duty 51-52
Stainless Steel, Capacity to 1200 lbs.



12 Medium Heavy Duty 53-55
Capacity to 1250 lbs



14 Scaffolding Casters. 56
Casters, Capacity to 800 lbs.



EMPIRE™
15 Empire Medium Heavy 57
Duty, Capacity to 800 lbs.



16 Medium Heavy Duty 58-60
Capacity to 1250 lbs.



18 Ergonomic Precision 61-62
Capacity to 1250 lbs



20/21 Business Machine 63
Low Profile , Capacity to 255 lbs.

Medium Heavy Spring-Loaded Models



40 Medium Duty Spring-Loaded 64-65
Capacity to 500 lbs.



41 SpringGuard™ Spring-Loaded 66
Capacity to 800 lbs.



JC Work Station Leveling 27
Casters – Light to Medium
Heavy Duty, Capacity to 2200 lbs.

NEW MODEL!

**Medium Heavy
Duty Casters**

05

Medium Heavy Duty Stainless Steel Casters

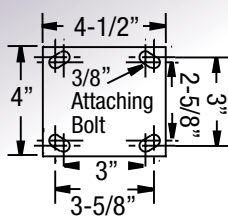


This caster is the ideal solution for applications where frequent wash-downs are necessary. The stainless steel caster is also well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

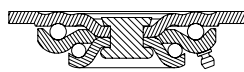
TYPICAL APPLICATIONS

- Institutional
- Hospitality
- Food Service
- Pharmaceuticals
- Hotel Luggage Carts
- Hospital Beds
- Stock Carts
- Laundry Trucks
- Dollies

MOUNTING



Swivel Cross Section



FEATURES

- **Top Plate & Yoke:** Formed from superior 1/4" Type 304 stainless steel plate
- **Finish:** Highly polished stainless steel
- **Swivel Section:** Double stainless steel ball bearing raceways formed smooth for ease of swiveling
- **King Pin:** Stainless steel rivet
- **Axle:** 1/2" diameter, stainless steel hollow with roller bearing. Solid axle with Delrin and precision ball bearings.
- **Legs:** 1/4" stainless steel formed for added strength welded to the yoke base
- **Spanner Bushing:** Type 304 Stainless Steel
- **Zerk Fitting:** Type 304 Stainless Steel
- **NSF Consult factory**
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene sealed swivel section. Specify **NS05**.
- **NSF** Listed for food service industry. Consult Factory.
- Notched seal kit. Specify **SD016001**.
- Unnotched seal kit. Specify **SD016002**.

BRAKE OPTIONS

Stainless Steel Cam specify **CB**. Specify 1 Piece Delrin Bearing (52)



Stainless Steel Single Side specify **SSB**.



NEW! FACE BRAKE Specify **FBD**



Swivel Lock (welded) specify **L**



BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. Consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 5 ¹ / ₄ | 05XS04201 |
| 5 | 2 | 375 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₄ | 05XS05201 |
| 6 | 2 | 600 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 5 ³ / ₄ | 05XS06201 |
| 8 | 2 | 675 | 9 ¹ / ₂ | 2 ³ / ₈ | 6 | 05XS08201 |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 5 ¹ / ₄ | 05MD04101 |
| 5 | 2 | 300 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 05MD05101 |
| 6 | 2 | 550 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 6 | 05MD06201 |
| 8 | 2 | 600 | 9 ¹ / ₂ | 2 ³ / ₈ | 6 ¹ / ₂ | 05MD08201 |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

X-tra Soft (Flat Tread) (01 Roller Bearing)*

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 5 ¹ / ₄ | 05XS04201 |
| 5 | 2 | 375 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₄ | 05XS05201 |
| 6 | 2 | 600 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 5 ³ / ₄ | 05XS06201 |
| 8 | 2 | 675 | 9 ¹ / ₂ | 2 ³ / ₈ | 6 | 05XS08201 |



XS

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code.

Stainless Steel Roller Example: 05XS04201 ZB03

X-tra Soft Round Tread (01 Roller Bearing)*

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------------|-------------------------------|-------------------------------|------------------|
| 6 | 2 | 600 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 5 ³ / ₄ | 05XR06201 |
| 8 | 2 | 675 | 9 ¹ / ₂ | 2 ³ / ₈ | 6 | 05XR08201 |



XR

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code.

Stainless Steel Roller Example: 05XR06201 ZB03

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------------|-------------------------------|-------------------------------|------------------|
| 5 | 2 | 300 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 05RM05228 |
| 6 | 2 | 350 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 6 ¹ / ₂ | 05RM06228 |
| 8 | 2 | 450 | 9 ¹ / ₂ | 2 ³ / ₈ | 8 ¹ / ₂ | 05RM08228 |



RM

NEW MODEL!

For black tread specify "RL" wheel code (example 05RL05228).

Moldon on Rubber on Aluminum (01 Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|-------------------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 1 ¹ / ₂ | 250 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 4 ³ / ₄ | 05MD04101 |
| 5 | 1 ¹ / ₂ | 300 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 05MD05101 |
| 6 | 2 | 550 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 6 | 05MD06201 |
| 8 | 2 | 600 | 9 ¹ / ₂ | 2 ³ / ₈ | 6 ¹ / ₂ | 05MD08201 |



MD

Polypropylene (01 Roller Bearing)*

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 450 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 3 ³ / ₄ | 05PB04201 |
| 5 | 2 | 550 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 4 ¹ / ₂ | 05PB05201 |
| 6 | 2 | 650 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 4 ³ / ₄ | 05PB06201 |
| 8 | 2 | 850 | 9 ¹ / ₂ | 2 ³ / ₈ | 6 ¹ / ₄ | 05PB08201 |



PB

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code.

Stainless Steel Roller Example: 05PB06201 ZB03

Fiberglass Filled Polypropylene (01 Roller Bearing)*

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 5 | 05GP04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₄ | 05GP05201 |
| 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁷ / ₈ | 5 ³ / ₄ | 05GP06201 |
| 8 | 2 | 1200 | 9 ¹ / ₂ | 2 ³ / ₈ | 7 | 05GP08201 |

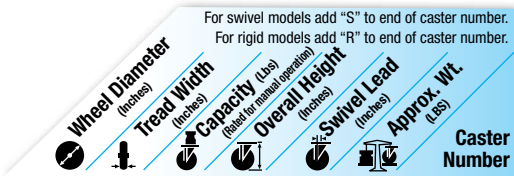


GP

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code.

Stainless Steel Roller Example: 05GP06201 ZB03

Continue on next page



White Polypropylene (Plain Bore)

| | | | | | | | |
|--|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 450 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 3 ³ / ₄ | 05PW04241 |
| | 5 | 2 | 550 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 4 ¹ / ₂ | 05PW05241 |
| | 6 | 2 | 650 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 4 ³ / ₄ | 05PW06241 |

PW

RETORT High Temp Polypropylene (41 Plain Bore)

| | | | | | | | |
|--|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 500 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 3 ³ / ₄ | 05RW04241 |
| | 5 | 2 | 650 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₄ | 05RW05241 |
| | 6 | 2 | 700 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ¹ / ₂ | 05RW06241 |
| | 8 | 2 | 900 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 6 ¹ / ₄ | 05RW08241 |

RW

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | | | |
|--|---|---|------|-------------------------------|--------------------------------|---|------------------|
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 6 | 05PM05228 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 7 | 05PM06228 |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 9 | 05PM08228 |

Multiple durometers available.

PM

Polyurethane on Polypropylene (01 Roller Bearing)*

POPULAR MODEL!

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 600 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 5 | 05XA04201 |
| | 5 | 2 | 750 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₄ | 05XA05201 |
| | 6 | 2 | 900 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ³ / ₄ | 05XA06201 |
| | 8 | 2 | 1000 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 7 | 05XA08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.
Stainless Steel Roller Example: 05XA04201 ZB03

XA

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

POPULAR MODEL!

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 1000 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 4 ¹ / ₄ | 05XI04201 |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 | 05XI05201 |
| | 6 | 2 | 1000 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ¹ / ₂ | 05XI06201 |
| | 8 | 2 | 1000 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 6 ¹ / ₂ | 05XI08201 |

*Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 05XI04229.

XI

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 1200 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 4 ¹ / ₄ | 05XP04201 |
| | 5 | 2 | 1200 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 | 05XP05201 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ¹ / ₂ | 05XP06201 |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 6 ¹ / ₂ | 05XP08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 05XP04229.

XP

Phenolic (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 5 | 05TM04201 |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₄ | 05TM05201 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 6 ¹ / ₄ | 05TM06201 |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 8 | 05TM08201 |

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.
Stainless Steel Roller Example: 05TM06201 ZB03

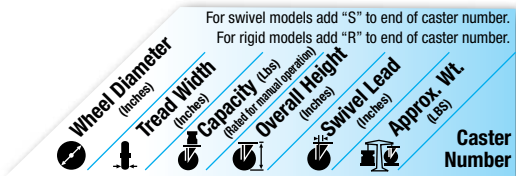
TM

Straight Sided Phenolic (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 5 | 05TH04201 |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₂ | 05TH05201 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 6 ¹ / ₄ | 05TH06201 |

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.
Stainless Steel Roller Example: 05TH06201 ZB03

TH



Maxim® (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 5 | 05NG04201 |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₄ | 05NG05201 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ³ / ₄ | 05NG06201 |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 7 | 05NG08201 |

NG

Maxim® NR Noise Reduction (01 Roller Bearing)*

NEW MODEL!

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 5 | 05NR04201 |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₄ | 05NR05201 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ³ / ₄ | 05NR06201 |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 7 | 05NR08201 |

*Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 05NR04229.

NR

White Nylon (01 Roller Bearing)*

NEW MODEL!

| | | | | | | | |
|--|---|---|------|-------------------------------|--------------------------------|-------------------------------|------------------|
| | 5 | 2 | 600 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₄ | 05NW05201 |
| | 6 | 2 | 900 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ³ / ₄ | 05NW06201 |
| | 8 | 2 | 1100 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 6 ¹ / ₂ | 05NW08201 |

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.
Change "01" to other bearing code.
Stainless Steel Roller Example: 05NW06201 ZB03

NW

Hi-Temp Nylon (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 2 | 800 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 3 ³ / ₄ | 05HE04201 |
| | 5 | 2 | 1000 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 5 ¹ / ₄ | 05HE05201 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 5 ³ / ₄ | 05HE06201 |
| | 8 | 2 | 1200 | 9 ¹ / ₂ | 23 ⁸ / ₈ | 6 ¹ / ₂ | 05HE08201 |

*Stainless Steel Roller (01 ZB03) bearings available.
Change "01" to other bearing code. Example: 05HE04201 ZB03.

HE

Drop Forged Steel (01 Roller Bearing)*

| | | | | | | | |
|--|---|-------------------------------|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| | 4 | 1 ¹ / ₂ | 1200 | 5 ⁵ / ₈ | 17 ¹ / ₁₆ | 7 | 05FS04101 |
| | 5 | 1 ³ / ₄ | 1200 | 6 ¹ / ₂ | 15 ⁸ / ₈ | 8 ³ / ₄ | 05FS05201 |
| | 6 | 2 | 1200 | 7 ¹ / ₂ | 17 ⁸ / ₈ | 9 ³ / ₄ | 05FS06201 |

*Stainless Steel Roller (01 ZB03) bearings available.
Change "01" to other bearing code. Example: 05FS04201 ZB03.
Stainless steel drop forged wheels available.

FS

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



12

Medium Heavy Duty Casters

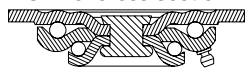


These casters are recommended for medium to medium heavy duty applications that require a larger top plate or bolt hole template.

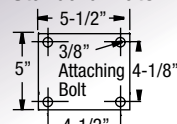
TYPICAL APPLICATIONS

- Bakery equipment
- Freight dollies
- Distribution cages & carts
- Garment racks
- Meat processing equipment
- Gymnasium equipment

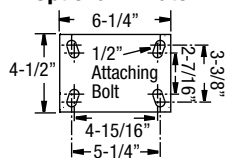
Swivel Cross Section



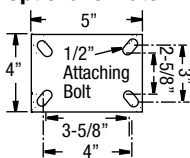
MOUNTING OPTIONS Standard Plate



Optional K Plate



Optional J Plate



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:** Smooth formed, hardened double ball bearing raceways minimize ball indentation and wear
- **Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **King Bolt:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle comes complete with lock nut for straight roller and ball bearings. Axle is solid for Delrin and Oilex bearings
- **Wheel Seals - Nylon seal retaining/thrust washers**
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and ball bearing wheels
- **Finish:** zinc plated
- **NSF** Consult factory
- Alternate or custom caster configurations available

RIG OPTIONS

- Hollow axle for plain bore, oilex and delrin applications specify **ZF07**
- **NSF** Listed for food service industry. Consult Factory.
- **Optional Overall Heights** see notes at end of 12 Series section.

BRAKE OPTIONS

Cam Brake specify **CB** (Requires 01, 02, 23, or 52 bearing)



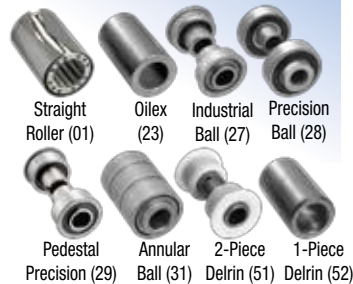
Face Brake specify **FBA**

Single Side specify **SSB**. **Double Sided** specify **DSB** (Requires 01, 02, 23, or 52 bearing)



Hand operated field installable swivel lock specify **SL120000**

BEARING OPTIONS

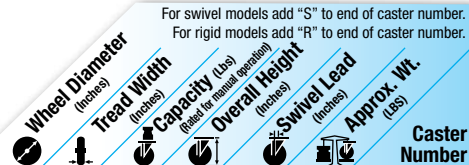
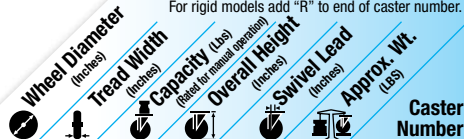


Note: Wheel capacities can change with each bearing type. Consult factory.

Optional Overall Heights all 12 Series Models:

| Wheel Diameter | Overall Height | Swivel Lead | Swivel Specity | Rigid Specity |
|----------------|----------------|-------------|----------------|---------------|
| 3-1/4" | 5-1/4" | 1-11/16" | HS42 | HR42 |
| 4" | 5-1/4" | 1-11/16" | HS86 | HR86 |
| 5" | 6-1/8" | 1-11/16" | HS50 | HR50 |
| 5" | 6-3/4" | 1-3/4" | HS54 | HR54 |
| 6" | 7-1/4" | 1-3/4" | HS82 | HR82 |
| 8" | 10" | 1-3/4" | HS81 | HR81 |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Moldon Rubber on Cast Iron (01 Roller Bearing)

| Wheel Diameter | Overall Height | Swivel Lead | Capacity (Lbs) | Overall Height | Swivel Lead | Approx. Wt. (Lbs) | POPULAR MODEL! |
|----------------|----------------|-------------|----------------|----------------|-------------|-------------------|------------------|
| 3 3/4" | 1 1/2" | 140 | 4 1/4" | 1 3/4" | 5 | | 12MR03101 |
| 4" | 1 1/2" | 250 | 5 5/8" | 1 11/16" | 5 1/2" | | 12MR04101 |
| 4" | 2" | 300 | 5 5/8" | 1 11/16" | 7 1/4" | | 12MR04201 |
| 5" | 1 1/2" | 350 | 6 1/2" | 1 5/8" | 5 3/4" | | 12MR05101 |
| 5" | 2" | 450 | 6 1/2" | 1 5/8" | 7 3/4" | | 12MR05201 |
| 6" | 2" | 500 | 7 3/8" | 1 3/4" | 9 1/4" | | 12MR06201 |
| 8" | 2" | 600 | 9 1/2" | 1 3/4" | 11 1/4" | | 12MR08201 |

Moldon Rubber on Aluminum (01 Roller Bearing)

| Wheel Diameter | Overall Height | Swivel Lead | Capacity (Lbs) | Overall Height | Swivel Lead | Approx. Wt. (Lbs) | POPULAR MODEL! |
|----------------|----------------|-------------|----------------|----------------|-------------|-------------------|------------------|
| 4" | 1 1/2" | 250 | 5 5/8" | 1 11/16" | 5 1/2" | | 12MD04101 |
| 5" | 1 1/2" | 300 | 6 1/2" | 1 5/8" | 5 3/4" | | 12MD05101 |
| 6" | 2" | 550 | 7 3/8" | 1 3/4" | 6" | | 12MD06201 |
| 8" | 2" | 600 | 9 1/2" | 1 3/4" | 6 1/2" | | 12MD08201 |

X-tra Soft (Round Tread) (01 Roller Bearing)*

| Wheel Diameter | Overall Height | Swivel Lead | Capacity (Lbs) | Overall Height | Swivel Lead | Approx. Wt. (Lbs) | POPULAR MODEL! |
|----------------|----------------|-------------|----------------|----------------|-------------|-------------------|------------------|
| 6" | 2" | 600 | 7 3/8" | 1 3/4" | 6 1/2" | | 12XR06201 |
| 8" | 2" | 675 | 9 1/2" | 1 3/4" | 7 1/2" | | 12XR08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Precision Ball example: 12XR04228, Delrin example: 12XR04251

X-tra Soft (Flat Tread) (01 Roller Bearing)*

| Wheel Diameter | Overall Height | Swivel Lead | Capacity (Lbs) | Overall Height | Swivel Lead | Approx. Wt. (Lbs) | POPULAR MODEL! |
|----------------|----------------|-------------|----------------|----------------|-------------|-------------------|------------------|
| 4" | 2" | 350 | 5 5/8" | 1 11/16" | 5 | | 12XS04201 |
| 5" | 2" | 375 | 6 1/2" | 1 5/8" | 5 3/4" | | 12XS05201 |
| 6" | 2" | 600 | 7 3/8" | 1 3/4" | 6 1/2" | | 12XS06201 |
| 8" | 2" | 675 | 9 1/2" | 1 3/4" | 7 1/2" | | 12XS08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Precision Ball example: 12XS04228, Delrin example: 12XS04251

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
 (Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
 (Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| | | | | | | |
|---|---|-----|-------|-------|-------|------------------|
| 5 | 2 | 300 | 6 1/2 | 1 5/8 | 6 1/2 | 12RM05228 |
| 6 | 2 | 350 | 7 3/8 | 1 3/4 | 7 1/2 | 12RM06228 |
| 8 | 2 | 450 | 9 1/2 | 1 3/4 | 9 1/2 | 12RM08228 |

RM

NEW MODEL! For black tread specify "RL" wheel code (example 12RL05228).

Polyurethane on Polypropylene (01 Roller Bearing)

| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 700 | 5 5/8 | 1 11/16 | 5 | 12XA04201 |
| 5 | 2 | 750 | 6 1/2 | 1 5/8 | 6 3/4 | 12XA05201 |
| 6 | 2 | 900 | 7 3/8 | 1 3/4 | 7 1/2 | 12XA06201 |
| 8 | 2 | 1000 | 9 1/2 | 1 3/4 | 8 | 12XA08201 |

XA

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Pneumatic (27 Industrial Ball Bearing)

| | | | | | | |
|---|---|-----|-------|-------|-------|------------------|
| 6 | 2 | 200 | 7 3/8 | 1 3/4 | 6 1/2 | 12SF06227 |
| 8 | 2 | 210 | 9 1/2 | 1 3/4 | 7 1/2 | 12SF08227 |

SF

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 5 3/4 | 12XI04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 12XI05201 |
| 6 | 2 | 1000 | 7 3/8 | 1 3/4 | 7 | 12XI06201 |
| 8 | 2 | 1000 | 9 1/2 | 1 3/4 | 8 1/2 | 12XI08201 |

XI

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 12XI04229.

Polypropylene (01 Roller Bearing)*

| | | | | | | |
|---|-------|------|-------|---------|-------|------------------|
| 4 | 1 1/2 | 400 | 5 5/8 | 1 11/16 | 5 | 12PB04101 |
| 4 | 2 | 450 | 5 5/8 | 1 11/16 | 5 1/2 | 12PB04201 |
| 5 | 1 1/2 | 450 | 6 1/2 | 1 5/8 | 5 1/2 | 12PB05101 |
| 5 | 2 | 650 | 6 1/2 | 1 5/8 | 5 1/2 | 12PB05201 |
| 6 | 1 1/2 | 550 | 7 3/8 | 1 3/4 | 5 1/2 | 12PB06101 |
| 6 | 2 | 750 | 7 3/8 | 1 3/4 | 5 3/4 | 12PB06201 |
| 8 | 2 | 1000 | 9 1/2 | 1 3/4 | 7 | 12PB08201 |

PB

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 12PB04251. Note: Delrin 5"x2" model capacities reduce to 550lbs, 6"x2" to 650lbs, 8"x2" to 600lbs.

Phenolic (01 Roller Bearing)

| | | | | | | |
|-------|-------|------|-------|---------|-------|------------------|
| 3 1/4 | 1 1/2 | 600 | 4 1/4 | 1 3/4 | 5 | 12TM03101 |
| 3 1/4 | 2 | 700 | 4 1/4 | 1 3/4 | 5 1/4 | 12TM03201 |
| 4 | 1 1/2 | 600 | 5 5/8 | 1 11/16 | 5 1/4 | 12TM04101 |
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 3/4 | 12TM04201 |
| 5 | 1 1/2 | 600 | 6 1/2 | 1 5/8 | 5 3/4 | 12TM05101 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 12TM05201 |
| 6 | 1 1/2 | 800 | 7 3/8 | 1 3/4 | 7 | 12TM06101 |
| 6 | 2 | 1200 | 7 3/8 | 1 3/4 | 8 1/2 | 12TM06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 1/2 | 12TM08201 |

TM

Fiberglass Filled Polypropylene (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 7 | 12GP04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 8 | 12GP05201 |
| 6 | 2 | 1200 | 7 3/8 | 1 3/4 | 9 3/4 | 12GP06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 10 | 12GP08201 |

GP

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 12GP04251.

Maxim® (01 Roller Bearing)*

| | | | | | | |
|-------|---|------|-------|---------|-------|------------------|
| 3 1/4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 3/4 | 12NG03201 |
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 3/4 | 12NG04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 12NG05201 |
| 6 | 2 | 1200 | 7 3/8 | 1 3/4 | 7 | 12NG06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 1/2 | 12NG08201 |

NG

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 12NG04229.

Polyurethane on Aluminum Flat Tread (01 Roller Bearing)

| | | | | | | |
|---|-------|------|-------|---------|-------|------------------|
| 4 | 1 1/2 | 600 | 5 5/8 | 1 11/16 | 5 1/4 | 12PD04101 |
| 4 | 2 | 700 | 5 5/8 | 1 11/16 | 5 3/4 | 12PD04201 |
| 5 | 1 1/2 | 720 | 6 1/2 | 1 5/8 | 5 3/4 | 12PD05101 |
| 5 | 2 | 1050 | 6 1/2 | 1 5/8 | 6 | 12PD05201 |
| 6 | 2 | 1230 | 7 3/8 | 1 3/4 | 6 1/4 | 12PD06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 7 1/2 | 12PD08201 |

PD

Maxim® NR Noise Reduction (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 3/4 | 12NR04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 12NR05201 |
| 6 | 2 | 1200 | 7 3/8 | 1 3/4 | 7 | 12NR06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 1/2 | 12NR08201 |

NR

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 16NR04229.

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 700 | 5 5/8 | 1 11/16 | 7 1/2 | 12PI04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 8 1/2 | 12PI05201 |
| 6 | 2 | 1200 | 7 3/8 | 1 3/4 | 10 | 12PI06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 13 | 12PI08201 |

PI

White Nylon (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------|-------|-------|------------------|
| 5 | 2 | 600 | 6 1/2 | 1 5/8 | 6 | 12NW05201 |
| 6 | 2 | 900 | 7 3/8 | 1 3/4 | 7 | 12NW06201 |
| 8 | 2 | 1100 | 9 1/2 | 1 3/4 | 8 1/2 | 12NW08201 |

NW

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | | |
|---|---|------|-------|-------|----|------------------|
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 7 | 12PM05228 |
| 6 | 2 | 1250 | 7 3/8 | 1 3/4 | 8 | 12PM06228 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 10 | 12PM08228 |

PM

Multiple durometers available.

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|-------|--------|-----|-------|-------|-------|------------------|
| 3 1/4 | 1 5/8 | 420 | 4 1/4 | 1 3/4 | 5 1/2 | 12PY03101 |
| 3 1/4 | 2 3/16 | 540 | 4 1/4 | 1 3/4 | 6 1/2 | 12PY03201 |
| 6 | 1 1/2 | 840 | 7 3/8 | 1 3/4 | 7 3/4 | 12PY06101 |

PY

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|---|---|------|-------|-------|-------|------------------|
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 7 1/2 | 12NY08228 |
|---|---|------|-------|-------|-------|------------------|

NY

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on nominal operating)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (LBS)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on nominal operating)


Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (LBS)

Caster Number


Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!



| | | | | | | |
|---|---|------|-------------------------------|----------------------------------|-------------------------------|------------------|
| 4 | 2 | 1250 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | 7 ¹ / ₂ | 12NX04228 |
| 5 | 2 | 1250 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 8 ¹ / ₂ | 12NX05228 |
| 6 | 2 | 1250 | 7 ³ / ₈ | 1 ³ / ₄ | 10 | 12NX06228 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 13 | 12NX08228 |

NX

Drop Forged Steel (01 Roller Bearing)*




| | | | | | | |
|---|-------------------------------|------|-------------------------------|----------------------------------|--------------------------------|------------------|
| 4 | 1 ¹ / ₂ | 1250 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | 7 ¹ / ₂ | 12FS04101 |
| 5 | 1 ³ / ₄ | 1250 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 9 ¹ / ₂ | 12FS05201 |
| 6 | 2 | 1250 | 7 ³ / ₈ | 1 ³ / ₄ | 10 ¹ / ₂ | 12FS06201 |

*Tapered Roller bearings (09) available. Change "01" to "09".
(Example: 12FS04109).

FS


Cast Iron (01 Roller Bearing)



| | | | | | | |
|-------------------------------|-------------------------------|------|-------------------------------|----------------------------------|--------------------------------|------------------|
| 3 ¹ / ₄ | 1 ¹ / ₂ | 400 | 4 ¹ / ₄ | 1 ³ / ₄ | 5 | 12CA03101 |
| 3 ¹ / ₄ | 2 | 700 | 4 ¹ / ₄ | 1 ³ / ₄ | 7 ¹ / ₂ | 12CA03201 |
| 4 | 1 ¹ / ₂ | 600 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | 6 ¹ / ₂ | 12CA04101 |
| 4 | 2 | 700 | 5 ⁵ / ₈ | 11 ¹¹ / ₁₆ | 7 ¹ / ₂ | 12CA04201 |
| 5 | 1 ¹ / ₂ | 600 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 8 ¹ / ₂ | 12CA05101 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 8 ¹ / ₂ | 12CA05201 |
| 6 | 1 ¹ / ₂ | 800 | 7 ³ / ₈ | 1 ³ / ₄ | 8 ¹ / ₂ | 12CA06101 |
| 6 | 2 | 1200 | 7 ³ / ₈ | 1 ³ / ₄ | 10 ¹ / ₂ | 12CA06201 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 13 | 12CA08201 |

CA

Ductile Iron Crowned Tread (01 Roller Bearing)* NEW MODEL!




| | | | | | | |
|---|---|------|-------------------------------|-------------------------------|----|------------------|
| 5 | 2 | 1250 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 8 | 12FM05201 |
| 6 | 2 | 1250 | 7 ³ / ₈ | 1 ³ / ₄ | 11 | 12FM06201 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 14 | 12FM08201 |

*Tapered Roller bearings (09) and Precision Ball (28) available.
(Tapered Roller example: 12FR05209).

Note: Ductile Iron Flat Tread (FM) models available.
Change FR wheel code to FM. Example: 12FM05201.

FR,FM

Heavy Duty Cast Iron (01 Roller Bearing)



| | | | | | | |
|---|---|------|-------------------------------|-------------------------------|----|------------------|
| 5 | 2 | 1200 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 8 | 12CH05201 |
| 6 | 2 | 1250 | 7 ³ / ₈ | 1 ³ / ₄ | 11 | 12CH06201 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 14 | 12CH08201 |

CH


Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.




Optional Overall Heights all 12 Series Models:

| Wheel Diameter | Overall Height | Swivel Lead | Swivel Specify | Rigid Specify |
|----------------|----------------|-------------|----------------|---------------|
| 3-1/4" | 5-1/4" | 1-11/16" | HS42 | HR42 |
| 4" | 5-1/4" | 1-11/16" | HS86 | HR86 |
| 5" | 6-1/8" | 1-11/16" | HS50 | HR50 |
| 5" | 6-3/4" | 1-3/4" | HS54 | HR54 |
| 6" | 7-1/4" | 1-3/4" | HS82 | HR82 |
| 8" | 10" | 1-3/4" | HS81 | HR81 |



IMPROVE ROLLABILITY WITH THE ALBION ERGONOMIC ADVANTAGE

Pedestal Precision Ball Bearings—(Specify bearing #29). Completely sealed, these precision ground ball bearings are constructed using hardened raceways to give you the ultimate in rolling ease. In fact, this bearing offers the lowest rolling resistance of all of our bearings. Plus it never needs to be lubricated to cut maintenance time and cost.



14

Scaffolding Casters



FEATURES

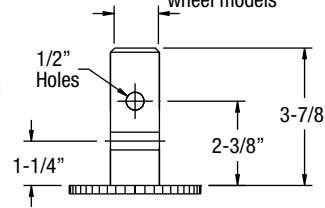
- **Total Lock Brake:** Easy to engage for swivel and wheels
- **Zerks:** Swivel and hub for easy lubrication
- **Sealed Swivel Section:** Keeps out debris
- **King Bolt:** King bolt and nut construction for added strength

BEARING

Straight Roller (01)



1-1/4" diameter for 4" and 5" wheel models
 1-3/8" diameter for 6" and 8" wheel models



Designed for scaffolds. This caster features an easy to engage total locks that locks both wheel and swivel and allow easy locking and repositioning.

MOUNTING AND SWIVEL CROSS SECTION Standard Plate

Stem length is 37/8". For a more secure installation there are 1/2" cross-drilled holes.


TYPICAL APPLICATIONS

- Scaffolding


| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rate for manual operation)</small> | Overall Height (Inches) | Stem Diameter (Inches) | Caster Number |
|-------------------------|----------------------|--|-------------------------|------------------------|---------------|
|-------------------------|----------------------|--|-------------------------|------------------------|---------------|

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rate for manual operation)</small> | Overall Height (Inches) | Stem Diameter (Inches) | Caster Number |
|-------------------------|----------------------|--|-------------------------|------------------------|---------------|
|-------------------------|----------------------|--|-------------------------|------------------------|---------------|

Rubber on Iron Core (Roller Bearings)

| | | | | | | |
|---|---|---|-----|-------|-------|----------------------|
|  | 4 | 2 | 350 | 5 | 1 1/4 | 14MR04201SSSC |
| | 5 | 2 | 450 | 6 | 1 1/4 | 14MR05201SSSC |
| | 6 | 2 | 500 | 7 1/4 | 1 3/8 | 14MR06201SSSC |
| | 8 | 2 | 600 | 9 1/4 | 1 3/8 | 14MR08201SSSC |

Polyurethane on Iron Core (Roller Bearings)

| | | | | | | |
|---|---|---|-----|-------|-------|----------------------|
|  | 4 | 2 | 700 | 5 | 1 1/4 | 14PI04201SSSC |
| | 5 | 2 | 800 | 6 | 1 1/4 | 14PI05201SSSC |
| | 6 | 2 | 800 | 7 1/4 | 1 3/8 | 14PI06201SSSC |
| | 8 | 2 | 800 | 9 1/4 | 1 3/8 | 14PI08201SSSC |



POLYURETHANE EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

15

EMPIRE™ Casters & Wheels Medium Heavy Duty Casters

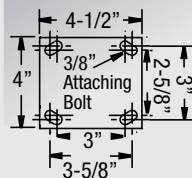


Empire medium heavy duty casters are cold formed steel and recommended for medium to medium heavy duty applications.

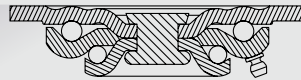
TYPICAL APPLICATIONS

- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks
- Shop carts

MOUNTING OPTIONS Standard Plate



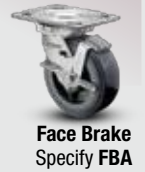
Swivel Cross Section



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:** Smooth formed, double ball bearing raceways
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **King Pin:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and ball bearings. Axle is solid with Plain Bore, Delrin and Oillex bearings
- **Wheel seals:** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and ball bearing wheels
- **Finish:** Rigs zinc plated to resist corrosion.

BRAKE OPTIONS



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| 4 | 2 | 350 | 5 5/8 | 1 11/16 | 5 1/4 | 15IM04201 |
| 5 | 2 | 400 | 6 1/2 | 1 5/8 | 5 1/2 | 15IM05201 |
| 6 | 2 | 410 | 7 1/2 | 1 3/4 | 8 | 15IM06201 |
| 8 | 2 | 450 | 9 1/2 | 1 3/4 | 10 1/4 | 15IM08201 |

Rubber on Iron (01 Roller Bearing)

| | | | | | | |
|---|---|-----|-------|---------|--------|-----------|
| 4 | 2 | 350 | 5 5/8 | 1 11/16 | 5 1/4 | 15IM04201 |
| 5 | 2 | 400 | 6 1/2 | 1 5/8 | 5 1/2 | 15IM05201 |
| 6 | 2 | 410 | 7 1/2 | 1 3/4 | 8 | 15IM06201 |
| 8 | 2 | 450 | 9 1/2 | 1 3/4 | 10 1/4 | 15IM08201 |

TPR on Polypropylene (Flat Tread) (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|-------|---------|-------|-----------|
| 4 | 2 | 300 | 5 5/8 | 1 11/16 | 5 1/4 | 15IS04201 |
| 5 | 2 | 400 | 6 1/2 | 1 5/8 | 5 1/4 | 15IS05201 |
| 6 | 2 | 500 | 7 1/2 | 1 3/4 | 6 | 15IS06201 |
| 8 | 2 | 600 | 9 1/2 | 1 3/4 | 6 1/2 | 15IS08201 |

TPR on Polypropylene (Round Tread) (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|-------|---------|-------|-----------|
| 4 | 2 | 250 | 5 5/8 | 1 11/16 | 5 1/4 | 15IR04201 |
| 5 | 2 | 350 | 6 1/2 | 1 5/8 | 5 1/2 | 15IR05201 |
| 6 | 2 | 450 | 7 1/2 | 1 3/4 | 5 1/2 | 15IR06201 |
| 8 | 2 | 550 | 9 1/2 | 1 3/4 | 6 1/2 | 15IR08201 |

Polypropylene (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|-------|---------|-------|-----------|
| 4 | 2 | 450 | 5 5/8 | 1 11/16 | 4 1/2 | 15IB04201 |
| 5 | 2 | 550 | 6 1/2 | 1 5/8 | 5 | 15IB05201 |
| 6 | 2 | 650 | 7 1/2 | 1 3/4 | 6 | 15IB06201 |
| 8 | 2 | 850 | 9 1/2 | 1 3/4 | 5 1/2 | 15IB08201 |

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|---|-----|-------|---------|-------|-----------|
| 4 | 2 | 700 | 5 5/8 | 1 11/16 | 7 | 15IP04201 |
| 5 | 2 | 900 | 6 1/2 | 1 5/8 | 8 | 15IP05201 |
| 6 | 2 | 900 | 7 1/2 | 1 3/4 | 9 3/4 | 15IP06201 |
| 8 | 2 | 900 | 9 1/2 | 1 3/4 | 10 | 15IP08201 |

Polyurethane on Polypropylene Flat Tread (01 Roller Bearing)

| | | | | | | |
|---|---|-----|-------|---------|-------|-----------|
| 4 | 2 | 500 | 5 5/8 | 1 11/16 | 4 1/4 | 15IX04201 |
| 5 | 2 | 600 | 6 1/2 | 1 5/8 | 4 3/4 | 15IX05201 |
| 6 | 2 | 800 | 7 1/2 | 1 3/4 | 5 1/2 | 15IX06201 |
| 8 | 2 | 900 | 9 1/2 | 1 3/4 | 7 1/2 | 15IX08201 |

Polyurethane on Polypropylene Round Tread (01 Roller Bearing)

| | | | | | | |
|---|---|-----|-------|---------|-------|-----------|
| 4 | 2 | 400 | 5 5/8 | 1 11/16 | 4 1/4 | 15IZ04201 |
| 5 | 2 | 500 | 6 1/2 | 1 5/8 | 4 3/4 | 15IZ05201 |
| 6 | 2 | 700 | 7 1/2 | 1 3/4 | 5 1/2 | 15IZ06201 |
| 8 | 2 | 800 | 9 1/2 | 1 3/4 | 7 1/2 | 15IZ08201 |

Phenolic (01 Roller Bearing)

| | | | | | | |
|---|---|------|-------|---------|-------|-----------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 15TM04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 5 1/4 | 15TM05201 |
| 6 | 2 | 900 | 7 1/2 | 1 3/4 | 6 1/4 | 15TM06201 |
| 8 | 2 | 1200 | 9 1/2 | 1 3/4 | 8 | 15TM08201 |

Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|---|-----|-------|---------|--------|-----------|
| 4 | 2 | 700 | 5 5/8 | 1 11/16 | 7 | 15IC04201 |
| 5 | 2 | 900 | 6 1/2 | 1 5/8 | 8 | 15IC05201 |
| 6 | 2 | 900 | 7 1/2 | 1 3/4 | 9 3/4 | 15IC06201 |
| 8 | 2 | 900 | 9 1/2 | 1 3/4 | 12 1/2 | 15IC08201 |

15 SERIES • CAPACITY TO 1200

16

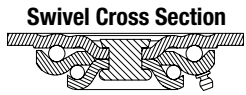
Medium Heavy Duty Casters



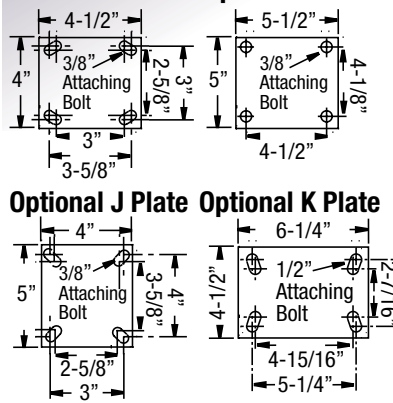
16 Series casters are cold formed, heat treated steel and recommended for medium to medium heavy duty applications.

TYPICAL APPLICATIONS

- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks
- Shop carts



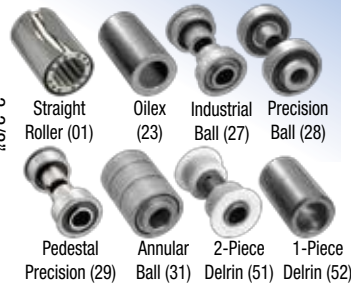
MOUNTING OPTIONS



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:** Heat treated, smooth formed, hardened, double ball bearing raceways minimize ball indentation and wear
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **King Pin:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and ball bearings. Axle is solid with Plain Bore, Delrin and Oilex bearings
- **Wheel seals:** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and ball bearing wheels
- **Finish:** Rigs zinc plated to resist corrosion.
- **NSF Listed** for food service industry
- Alternate or custom caster configurations available

BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. Consult factory.

RIG OPTIONS

- King bolt and nut. Specify **KB16**.
- Neoprene sealed swivel section. Specify **SS02**.
- NSF Listed for food service industry. Specify **NSF**.
- Notched seal kit. Specify **SD016001**.
- Unnotched seal kit. Specify **SD016002**.
- **Optional Overall Heights** see notes at end of 16 Series section.

BRAKE OPTIONS

- **Total Lock** specify **T** (4" to 8" models) specify optional 7 1/2" (HS-60) overall height model if ordering 6".
- **Grip Lock** specify **GL1**
- **Cam** specify **CB1**
- **Face Brake** specify **FBA**
- **Single Side** specify **SSB**. **Double Sided** specify **DSB**
- **NEW! Face Brake** specify **FBB**
- **Swivel Lock** (welded) specify **L**
- **Hand operated field installable swivel lock** specify **SL160000**
- **Foot operated field installable swivel lock** specify **SL160002**

For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Load for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------------|
| 3 1/4 | 1 1/2 | 140 | 4 1/4 | 1 3/4 | 4 1/2 | 16MR03101 |
| 4 | 1 1/2 | 250 | 5 5/8 | 1 11/16 | 5 3/4 | 16MR04101 |
| 4 | 2 | 300 | 5 5/8 | 1 11/16 | 5 1/4 | 16MR04201 |
| 5 | 1 1/2 | 350 | 6 1/2 | 1 5/8 | 6 | 16MR05101 |
| 5 | 2 | 450 | 6 1/2 | 1 5/8 | 5 1/2 | 16MR05201 |
| 6 | 2 | 500 | 7 1/4 | 1 3/4 | 8 | 16MR06201 |
| 8 | 2 | 600 | 9 1/2 | 1 3/4 | 10 1/4 | 16MR08201 |

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing) NEW PRODUCT!

| | | | | | | |
|---|-------|------|-------|---------|--------|------------------|
| 4 | 1 1/2 | 400 | 5 5/8 | 1 11/16 | 5 3/4 | 16MH04101 |
| 5 | 2 | 700 | 6 1/2 | 1 5/8 | 5 1/2 | 16MH05201 |
| 6 | 2 | 820 | 7 1/4 | 1 3/4 | 8 | 16MH06201 |
| 8 | 2 | 1000 | 9 1/2 | 1 3/4 | 10 1/4 | 16MH08201 |

Moldon Rubber on Aluminum (01 Roller Bearing)

| | | | | | | |
|---|-------|-----|-------|---------|-------|------------------|
| 4 | 1 1/2 | 250 | 5 5/8 | 1 11/16 | 4 3/4 | 16MD04101 |
| 5 | 1 1/2 | 300 | 6 1/2 | 1 5/8 | 5 | 16MD05101 |
| 6 | 2 | 550 | 7 1/4 | 1 3/4 | 6 | 16MD06201 |
| 8 | 2 | 600 | 9 1/2 | 1 3/4 | 6 1/2 | 16MD08201 |

Pneumatic (27 Radial Ball Bearing)

| | | | | | | |
|---|---|-----|-------|-------|-------|------------------|
| 6 | 2 | 200 | 7 1/4 | 1 3/4 | 5 1/2 | 16SF06227 |
| 8 | 2 | 210 | 9 1/2 | 1 3/4 | 6 1/2 | 16SF08227 |

Other sizes available. See Pneumatic Caster section.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

X-tra Soft (Flat Tread) (01 Roller Bearing)* **POPULAR MODEL!**

| | | | | | | |
|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 ¹ / ₄ | 16XS04201 |
| 5 | 2 | 375 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16XS05201 |
| 6 | 2 | 600 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16XS06201 |
| 8 | 2 | 675 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16XS08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Precision Ball example:
16XS04228, Delrin example: 16XS04251

XS

X-tra Soft (Round Tread) (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|-------------------------------|-------------------------------|-------------------------------|------------------|
| 6 | 2 | 600 | 7 ¹ / ₄ | 1 ³ / ₄ | 5 ¹ / ₂ | 16XR06201 |
| 8 | 2 | 675 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16XR08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Precision Ball example:
16XR04228, Delrin example: 16XR04251

XR

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| | | | | | | |
|---|---|-----|-------------------------------|-------------------------------|-------------------------------|------------------|
| 5 | 2 | 300 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16RM05228 |
| 6 | 2 | 350 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 ¹ / ₂ | 16RM06228 |
| 8 | 2 | 450 | 9 ¹ / ₂ | 1 ³ / ₄ | 8 ¹ / ₂ | 16RM08228 |

NEW MODEL! For black tread specify "RL" wheel code (example 16RL05228).

RM

Solid Rubber (01 Roller Bearing)

| | | | | | | |
|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 220 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 6 | 16RR04201 |
| 5 | 2 | 325 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 ¹ / ₂ | 16RR05201 |
| 6 | 2 | 350 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 ³ / ₄ | 16RR06201 |

RR

Polypropylene (01 Roller Bearing)*

| | | | | | | |
|---|-------------------------------|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 1 ¹ / ₂ | 400 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₂ | 16PB04101 |
| 4 | 2 | 450 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₂ | 16PB04201 |
| 5 | 1 ¹ / ₂ | 450 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 16PB05101 |
| 5 | 2 | 550 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 16PB05201 |
| 6 | 1 ¹ / ₂ | 550 | 7 ¹ / ₄ | 1 ³ / ₄ | 5 ³ / ₄ | 16PB06101 |
| 6 | 2 | 650 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16PB06201 |
| 8 | 2 | 850 | 9 ¹ / ₂ | 1 ³ / ₄ | 5 ¹ / ₂ | 16PB08201 |

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 16PB04251.

PB

Fiberglass Filled Polypropylene (01 Roller Bearing)* **NEW MODEL!**

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 7 | 16GP04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 8 | 16GP05201 |
| 6 | 2 | 1200 | 7 ¹ / ₄ | 1 ³ / ₄ | 9 ³ / ₄ | 16GP06201 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 10 | 16GP08201 |

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 16GP04251.

GP

White Polypropylene (Plain Bore)

| | | | | | | |
|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 450 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₂ | 16PW04241 |
| 5 | 2 | 550 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 16PW05241 |
| 6 | 2 | 650 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16PW06241 |

PW

High Temp Polypropylene (Plain Bore)

| | | | | | | |
|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 500 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 | 16RW04241 |
| 5 | 2 | 650 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16RW05241 |
| 6 | 2 | 700 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 | 16RW06241 |
| 8 | 2 | 900 | 9 ¹ / ₂ | 1 ³ / ₄ | 6 ¹ / ₂ | 16RW08201 |

RW

Polyurethane on Aluminum Flat Tread (01 Roller Bearing) **POPULAR MODEL!**

| | | | | | | |
|---|-------------------------------|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 1 ¹ / ₂ | 600 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₂ | 16PD04101 |
| 4 | 2 | 700 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 | 16PD04201 |
| 5 | 1 ¹ / ₂ | 720 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 16PD05101 |
| 5 | 2 | 1050 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₄ | 16PD05201 |
| 6 | 2 | 1230 | 7 ¹ / ₄ | 1 ³ / ₄ | 5 ³ / ₄ | 16PD06201 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 7 | 16PD08201 |

PD

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 700 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 7 | 16PI04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 8 | 16PI05201 |
| 6 | 2 | 1200 | 7 ¹ / ₄ | 1 ³ / ₄ | 9 ³ / ₄ | 16PI06201 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 10 | 16PI08201 |

PI

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | | |
|---|---|------|-------------------------------|-------------------------------|---|------------------|
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 | 16PM05228 |
| 6 | 2 | 1250 | 7 ¹ / ₄ | 1 ³ / ₄ | 7 | 16PM06228 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 16PM08228 |

PM

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|-------------------------------|--------------------------------|-----|-------------------------------|-------------------------------|-------------------------------|------------------|
| 3 ¹ / ₄ | 1 ⁵ / ₈ | 420 | 4 ¹ / ₄ | 1 ³ / ₄ | 4 ¹ / ₄ | 16PY03101 |
| 3 ¹ / ₄ | 2 ³ / ₁₆ | 540 | 4 ¹ / ₄ | 1 ³ / ₄ | 4 ³ / ₄ | 16PY03201 |
| 6 | 1 ¹ / ₂ | 840 | 7 ¹ / ₄ | 1 ³ / ₄ | 7 ³ / ₄ | 16PY06101 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

PY

Polyurethane on Polypropylene (01 Roller Bearing) **POPULAR MODEL!**

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 700 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₄ | 16XA04201 |
| 5 | 2 | 750 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 4 ³ / ₄ | 16XA05201 |
| 6 | 2 | 900 | 7 ¹ / ₄ | 1 ³ / ₄ | 5 ¹ / ₂ | 16XA06201 |
| 8 | 2 | 1000 | 9 ¹ / ₂ | 1 ³ / ₄ | 7 ¹ / ₂ | 16XA08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

XA

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 | 16XI04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16XI05201 |
| 6 | 2 | 1000 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 ¹ / ₄ | 16XI06201 |
| 8 | 2 | 1000 | 9 ¹ / ₂ | 1 ³ / ₄ | 8 | 16XI08201 |

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 16XI04229.

XI

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 1250 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 5 | 16XP04201 |
| 5 | 2 | 1200 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 ¹ / ₂ | 16XP05201 |
| 6 | 2 | 1250 | 7 ¹ / ₄ | 1 ³ / ₄ | 6 ¹ / ₄ | 16XP06201 |
| 8 | 2 | 1200 | 9 ¹ / ₂ | 1 ³ / ₄ | 8 | 16XP08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 16XP04229.

XP

V-Grooved Polyurethane (02 Drawn Cup Roller Bearing)*

| | | | | | | |
|---|---|-----|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 300 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 4 ¹ / ₂ | 16XV04202 |
| 5 | 2 | 300 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 5 | 16XV05202 |
| 6 | 2 | 300 | 7 ¹ / ₄ | 1 ³ / ₄ | 5 ¹ / ₄ | 16XV06202 |
| 8 | 2 | 300 | 9 ¹ / ₂ | 1 ³ / ₄ | 5 ³ / ₄ | 16XV08202 |

*Delrin (52) Bearings models available.
Change "02" example: 16XV04252.

XV

16 SERIES • CAPACITY TO 1250

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Rated for normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Rated for normal operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Phenolic (01 Roller Bearing)


| | | | | | | |
|-------|-------|------|-------|---------|-------|------------------|
| 3 1/4 | 1 1/2 | 600 | 4 1/4 | 1 3/4 | 4 1/2 | 16TM03101 |
| 3 1/4 | 2 | 700 | 4 1/4 | 1 3/4 | 4 1/2 | 16TM03201 |
| 4 | 1 1/2 | 600 | 5 5/8 | 1 11/16 | 4 1/2 | 16TM04101 |
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 16TM04201 |
| 5 | 1 1/2 | 600 | 6 1/2 | 1 5/8 | 5 1/4 | 16TM05101 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 5 1/4 | 16TM05201 |
| 6 | 1 1/2 | 800 | 7 1/4 | 1 3/4 | 5 1/2 | 16TM06101 |
| 6 | 2 | 1200 | 7 1/4 | 1 3/4 | 6 1/4 | 16TM06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 | 16TM08201 |



TM

Cast Iron (01 Roller Bearing)


| | | | | | | |
|-------|-------|------|-------|---------|--------|------------------|
| 3 1/4 | 1 1/2 | 400 | 4 1/4 | 1 3/4 | 4 1/2 | 16CA03101 |
| 3 1/4 | 2 | 700 | 4 1/4 | 1 3/4 | 6 3/4 | 16CA03201 |
| 4 | 1 1/2 | 600 | 5 5/8 | 1 11/16 | 6 | 16CA04101 |
| 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 7 | 16CA04201 |
| 5 | 1 1/2 | 600 | 6 1/2 | 1 5/8 | 6 3/4 | 16CA05101 |
| 5 | 2 | 1250 | 6 1/2 | 1 5/8 | 8 | 16CA05201 |
| 6 | 1 1/2 | 800 | 7 1/4 | 1 3/4 | 7 3/4 | 16CA06101 |
| 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 9 3/4 | 16CA06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 12 1/2 | 16CA08201 |



CA

Straight Sided Phenolic (01 Roller Bearing)


| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 16TH04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 5 1/2 | 16TH05201 |
| 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 6 1/4 | 16TH06201 |



TH

Heavy Duty Cast Iron (01 Roller Bearing)


| | | | | | | |
|---|---|------|-------|-------|----|------------------|
| 5 | 2 | 1250 | 6 1/2 | 1 5/8 | 9 | 16CH05201 |
| 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 11 | 16CH06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 14 | 16CH08201 |



CH

Maxim® (01 Roller Bearing)* **POPULAR MODEL!**

| | | | | | | |
|-------|---|------|-------|---------|-------|------------------|
| 3 1/4 | 2 | 800 | 4 1/4 | 1 11/16 | 5 | 16NG03201 |
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 16NG04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 5 1/2 | 16NG05201 |
| 6 | 2 | 1200 | 7 1/4 | 1 3/4 | 6 1/4 | 16NG06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 | 16NG08201 |




NG

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 16NG04229.

Dropped Forged Steel (01 Roller Bearing)*

| | | | | | | |
|---|-------|------|-------|---------|-------|------------------|
| 4 | 1 1/2 | 1250 | 5 5/8 | 1 11/16 | 7 | 16FS04101 |
| 5 | 1 3/4 | 1250 | 6 1/2 | 1 5/8 | 8 3/4 | 16FS05201 |
| 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 9 3/4 | 16FS06201 |




FS

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 16FS04109).

Maxim® NR Noise Reduction (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 | 16NR04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 5 1/2 | 16NR05201 |
| 6 | 2 | 1200 | 7 1/4 | 1 3/4 | 6 1/4 | 16NR06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 | 16NR08201 |




NR

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 16NR04229.

V-Grooved Cast Iron (01 Roller Bearing)*

| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 7 | 16VG04201 |
| 5 | 2 | 800 | 6 1/2 | 1 5/8 | 8 3/4 | 16VG05201 |
| 6 | 2 | 1000 | 7 1/4 | 1 3/4 | 9 3/4 | 16VG06201 |




VG

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 16VG04109).

Hi-Temp Nylon (01 Roller Bearing)


| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 5 1/4 | 16HE04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 5/8 | 6 | 16HE05201 |
| 6 | 2 | 1200 | 7 1/4 | 1 3/4 | 6 1/2 | 16HE06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 7 | 16HE08201 |



HE

Ductile Iron Crowned Tread (01 Roller Bearing) **NEW MODEL!**

| | | | | | | |
|---|---|------|-------|-------|----|------------------|
| 5 | 2 | 1250 | 6 1/2 | 1 5/8 | 9 | 16FR05201 |
| 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 11 | 16FR06201 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 14 | 16FR08201 |




FR, FM

*Tapered Roller bearings (09) and Precision Ball (28) available. (Tapered Roller example: 16FR05209).
Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 12FM05201.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)


| | | | | | | |
|---|---|------|-------|-------|---|------------------|
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 8 | 16NY08228 |
|---|---|------|-------|-------|---|------------------|



NY

Prevenz™ Antimicrobial Wheels


The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.



XS Prevenz™ XR Prevenz™ PY Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)


| | | | | | | |
|---|---|------|-------|---------|-------|------------------|
| 4 | 2 | 1250 | 5 5/8 | 1 11/16 | 7 | 16NX04228 |
| 5 | 2 | 1250 | 6 1/2 | 1 5/8 | 8 | 16NX05228 |
| 6 | 2 | 1250 | 7 1/4 | 1 3/4 | 9 3/4 | 16NX06228 |
| 8 | 2 | 1250 | 9 1/2 | 1 3/4 | 10 | 16NX08228 |



NX

White Nylon (01 Roller Bearing)* **NEW MODEL!**

| | | | | | | |
|---|---|------|-------|-------|-------|------------------|
| 5 | 2 | 600 | 6 1/2 | 1 5/8 | 6 | 16NW05201 |
| 6 | 2 | 900 | 7 1/4 | 1 3/4 | 7 | 16NW06201 |
| 8 | 2 | 1100 | 9 1/2 | 1 3/4 | 8 1/2 | 16NW08201 |



NW

Optional Overall Heights all 16 Series Models:

| Wheel Diameter | Overall Height | Swivel Lead | Swivel Specify | Rigid Specify |
|----------------|----------------|-------------|----------------|---------------|
| 3-1/4" | 5-1/4" | 1-11/16" | HS42 | HR42 |
| 4" | 5-1/4" | 1-11/16" | HS86 | HR86 |
| 5" | 6-1/8" | 1-11/16" | HS50 | HR50 |
| 5" | 6-3/4" | 1-3/4" | HS54 | HR54 |
| 6" | 6-7/8" | 2-1/2" | HS56 | HR56 |
| 6" | 7-3/8" | 1-3/4" | HS59 | HR59 |
| 6" | 7-1/2" | 1-7/8" | HS60 | HR60 |
| 8" | 10" | 1-3/4" | HS81 | HR81 |

18

Ergonomic Precision Casters

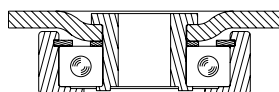


Ergonomic caster is designed for ease of movement. Sealed precision swivel is maintenance free and very easy to swivel. Notched yoke base is standard on all models for easy installation of swivel lock.

TYPICAL APPLICATIONS

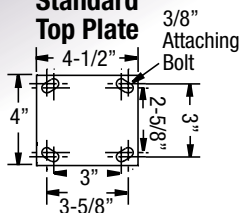
- Dollies
- Waste Disposal Trucks
- Warehouse Trucks
- Floor Trucks
- Shop Carts

Swivel Cross Section

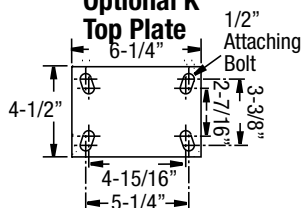


MOUNTING AND SWIVEL CROSS SECTION

Standard Top Plate



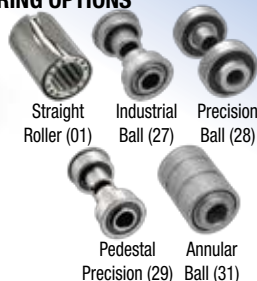
Optional K Top Plate



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
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and ball bearings
- **Finish:** All parts, except wheel, are zinc plated.

BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. Consult factory.

BRAKE OPTIONS

Cam specify **CB1**



NEW!
Face Brake
specify **FBC**.

NEW!
Face Brake
specify **FBB**.



Hand operated field installable swivel lock specify **SL160000**

Foot operated field installable swivel lock specify **SL160002**



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

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rating for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|------------------|
| 5 | 2 | 300 | 6 1/2 | 1 5/8 | 5 1/2 | 18RM05228 |
| 6 | 2 | 350 | 7 1/2 | 1 3/4 | 6 1/2 | 18RM06228 |
| 8 | 2 | 450 | 9 1/2 | 1 3/4 | 8 1/2 | 18RM08228 |

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| | | | | | | |
|---|---|-----|-------|-------|-------|------------------|
| 5 | 2 | 300 | 6 1/2 | 1 5/8 | 5 1/2 | 18RM05228 |
| 6 | 2 | 350 | 7 1/2 | 1 3/4 | 6 1/2 | 18RM06228 |
| 8 | 2 | 450 | 9 1/2 | 1 3/4 | 8 1/2 | 18RM08228 |

NEW MODEL! For black tread specify "RL" wheel code (example 18RL05228).

Pneumatic (27 Radial Ball Bearing)

| | | | | | | |
|---|---|-----|-------|-------|-------|------------------|
| 6 | 2 | 200 | 7 1/2 | 1 3/4 | 6 1/2 | 18SF06227 |
| 8 | 2 | 210 | 9 1/2 | 1 3/4 | 7 1/2 | 18SF08227 |

Polyurethane on Aluminum Flat Tread (29 Pedestal Precision)*

| | | | | | | |
|---|-------|------|-------|---------|-------|------------------|
| 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) and Annular Ball (31) Bearings available. Change "29" to other bearing code. Precision Ball example: 18PD04228

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

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

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Precision Ball (28) and Annular Ball (31) Bearings available. Change "29" to other bearing code. Precision Ball example: 18XS04228

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

| | | | | | | |
|---|---|-----|-------|-------|-------|------------------|
| 6 | 2 | 600 | 7 1/2 | 1 3/4 | 6 1/2 | 18XR06229 |
| 8 | 2 | 675 | 9 1/2 | 1 3/4 | 7 1/2 | 18XR08229 |

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Precision Ball (28) and Annular Ball (31) Bearings available. Change "29" to other bearing code. Precision Ball example: 18XR04228

Continued on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Fiberglass Filled Polypropylene (29 Pedestal Precision)* **NEW MODEL!**


| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|--------------------------------|------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 8 | 18GP04229 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 9 | 18GP05229 |
| 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ³ / ₄ | 10 ³ / ₄ | 18GP06229 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 11 | 18GP08229 |



GP

White Nylon (29 Pedestal Precision)* **NEW MODEL!**


| | | | | | | |
|---|---|------|-------------------------------|-------------------------------|-------------------------------|------------------|
| 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 |



NW

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)


| | | | | | | |
|---|---|------|-------------------------------|-------------------------------|---|------------------|
| 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 |



PM

Maxim® NR Noise Reduction (29 Pedestal Precision)* **NEW MODEL!**

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ¹¹ / ₁₆ | 6 | 18NR04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 6 ¹ / ₂ | 18NR05201 |
| 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ³ / ₄ | 7 ¹ / ₄ | 18NR06201 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 | 18NR08201 |




NR

*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18NR04228

Polyurethane on Polypropylene (29 Pedestal Precision)* **POPULAR MODEL!**

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 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 |




XA

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18XA04228

Trionix™ High Impact Polymer (28 Precision Ball Bearing)


| | | | | | | |
|---|---|------|-------------------------------|-------------------------------|---|------------------|
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 8 | 18NY08228 |
|---|---|------|-------------------------------|-------------------------------|---|------------------|



NY

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

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 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 |




XI

*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18XI04228

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) **NEW MODEL!**


| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|--------------------------------|------------------|
| 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 |



NX

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

| | | | | | | |
|---|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 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 |




XP

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18XP04228

Ductile Iron Crowned Tread (28 Precision Ball Bearing) **NEW MODEL!**

| | | | | | | |
|---|---|------|-------------------------------|-------------------------------|--------------------------------|------------------|
| 5 | 2 | 1250 | 6 ¹ / ₂ | 1 ⁵ / ₈ | 13 ³ / ₄ | 18FR05228 |
| 6 | 2 | 1250 | 7 ¹ / ₂ | 1 ³ / ₄ | 14 | 18FR06228 |
| 8 | 2 | 1250 | 9 ¹ / ₂ | 1 ³ / ₄ | 15 ¹ / ₄ | 18FR08228 |




FR, FM

*Straight Roller (01) and Tapered Roller bearings (09) available.
(Tapered Roller example: 16FR05209).
Note: Ductile Iron Flat Tread (FM) models available.
Change FR wheel code to FM. Example: 12FM05201.

Maxim® (29 Pedestal Precision)*

| | | | | | | |
|-------------------------------|---|------|-------------------------------|---------------------------------|-------------------------------|------------------|
| 3 ¹ / ₄ | 2 | 800 | 5 ⁵ / ₈ | 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 |




NG

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18NG04228

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.



XS Prevenz™ XR Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

20/21

Business Machine Low Profile Casters

20/21 SERIES • CAPACITY TO 1200



FEATURES

- **Construction:** 20 Series: Heat treated stamped steel. 21 Series: welded steel.
- **Finish:** Black finish for corrosion prevention and sleek appearance

RIG OPTIONS

- Zinc finish option specify **ZN**
- 4.03" overall height option, consult factory
- Optional mounting hole diameters available, consult factory



BEARING OPTIONS



BRAKE OPTIONS

Thumbscrew specify B



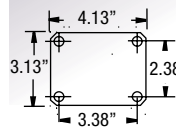
- High Capacity
- Low Height
- Stamped or Welded Construction

TYPICAL APPLICATIONS

- Dollies
- Server shelves
- Soda machines
- Business machine equipment

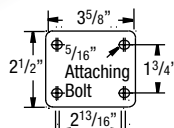
MOUNTING OPTIONS

Standard Model Plate



Attaching Bolt
20 Series: .35"
21 Series: .41"

O2 Series Model Plate



Specify O2 at end of caster part no.

20 Series

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

| | | | | | | | | |
|--|---|---|------|-----|------|------|---|-----------|
| | Polypropylene (Roller Bearing) | 3 | 1.81 | 500 | 3.97 | 1.08 | 3 | 20PB03201 |
| | Nylon Glass Filled (Roller Bearing) | 3 | 1.81 | 700 | 3.97 | 1.08 | 3 | 20NG03201 |
| | Phenolic (Roller Bearing) | 3 | 1.81 | 700 | 3.97 | 1.08 | 3 | 20TM03201 |
| | Solid Polyurethane (Precision Bearing) | 3 | 1.81 | 700 | 3.97 | 1.08 | 3 | 20XP03228 |

Axle hole is 7/16"

21 Series

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

| | | | | | | | | |
|--|--|---|------|------|------|-----|---|-----------|
| | Nylon Glass Filled (Roller Bearing) | 3 | 1.81 | 1200 | 4.16 | .81 | 3 | 21NG03201 |
| | Phenolic (Roller Bearing) | 3 | 1.81 | 1000 | 4.16 | .81 | 3 | 21TM03201 |
| | Solid Polyurethane (Sealed Precision Bearing) | 3 | 1.81 | 1200 | 4.16 | .81 | 3 | 21XP03228 |

Axle hole is 1/2"

Note: Lead times may vary on certain items, consult factory.

40

Medium Duty Spring-Loaded Casters

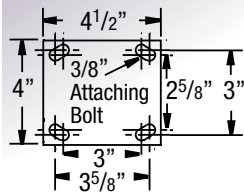


Designed with the load in mind, the 40 series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

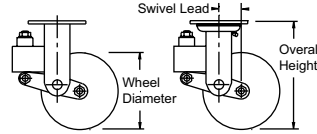
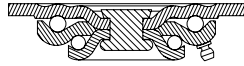
TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

MOUNTING



Swivel Cross Section



FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 3/8" (50%). Different load springs for each series permits wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- **Top Plate & Yoke Base:** Made from 1/4" steel plate and unnotched
- **Swivel Section:** Cold formed, hardened double ball bearing raceways minimize ball indentation and wear
- **Legs:** 1/4" steel cold formed to increase strength and welded to the yoke base
- **King Bolt:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter hollow axle complete with lock nut. Axle is solid for 28 & 29 ball bearings
- **Wheel Seals:** Nylon seal retaining/thrust washers
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene sealed swivel section specify **SS02**
- Hollow axle specify **ZF07**

BRAKE OPTIONS

Single Side and **Double Sided** Brakes available. Consult Factory.

Swivel Lock available (welded). Consult Factory.

BEARING OPTIONS



Note: Wheel capacities can change with each bearing type. Consult factory.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Mold-on Rubber on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 450 | 8 | 13/4 | 10 1/2 | 40MR05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 11 | 40MR06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 13 1/4 | 40MR08201 |

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40MR05227

Heavy Duty Mold-on Rubber on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 10 1/2 | 40MH05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 11 | 40MH06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 13 1/4 | 40MH08201 |

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40MH05227

Mold-on Rubber on Aluminum (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 8 | 40MD05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 9 | 40MD06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 10 1/2 | 40MD08201 |

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40MD05227

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

X-tra Soft Flat Tread (01 Roller Bearing)*

| POPULAR MODEL! | | | | | | |
|----------------|---|-----|--------|------|-------|------------------|
| 5 | 2 | 375 | 8 | 13/4 | 8 | 40XS05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 8 1/2 | 40XS06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/2 | 40XS08201 |

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40XS05227

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|-------|------------------|
| 6 | 2 | 450 | 8 1/2 | 13/4 | 8 1/2 | 40XR06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/2 | 40XR08201 |

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40XR05227

Pneumatic (27 Industrial Ball Bearing)

| | | | | | | |
|---|---|-----|--------|------|-------|------------------|
| 6 | 2 | 200 | 8 1/2 | 13/4 | 8 1/2 | 40SF06227 |
| 8 | 2 | 210 | 10 1/2 | 13/4 | 9 1/2 | 40SF08227 |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Fiberglass Filled Polypropylene (01 Roller Bearing)* **NEW MODEL!**


| | | | | | | |
|---|---|-----|--------|------|--|------------------|
| 5 | 2 | 500 | 8 | 13/4 | | 40GP05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | | 40GP06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | | 40GP08201 |



GP

Maxim® (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 9 | 40NG05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 9 1/2 | 40NG06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 11 1/4 | 40NG08201 |




NG

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40NG05227

Polyurethane on Aluminum Flat Tread (01 Roller Bearing)* **POPULAR MODEL!**

| | | | | | | |
|---|---|-----|--------|------|-------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 9 | 40PD05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 8 3/4 | 40PD06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 10 | 40PD08201 |




PD

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40PD05227

Maxim® NR Noise Reduction (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 9 | 40NR05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 9 1/2 | 40NR06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 11 1/4 | 40NR08201 |




NR

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40NR05227

Polyurethane on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 12 1/4 | 40PI05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 12 3/4 | 40PI06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 15 1/4 | 40PI08201 |




PI

*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40PI05227

Trionix™ High Impact Polymer (28 Precision Ball Bearing)


| | | | | | | |
|---|---|-----|--------|------|-------|------------------|
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/4 | 40NY08228 |
|---|---|-----|--------|------|-------|------------------|



NY

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)


| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 11 | 40PM05228 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 12 1/2 | 40PM06228 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 13 | 40PM08228 |



PM

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)


| | | | | | | |
|---|---|-----|--------|------|--------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 12 1/4 | 40NX05228 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 12 3/4 | 40NX06228 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 15 1/4 | 40NX08228 |



NX

Polyurethane on Polypropylene (01 Roller Bearing)* **POPULAR MODEL!**

| | | | | | | |
|---|---|-----|--------|------|-------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 8 | 40XA05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 8 3/4 | 40XA06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/2 | 40XA08201 |




XA

Prevenz™ antimicrobial models available.
Add PREV to end of model.
*Industrial Ball (27), Annular Ball (31) available. Change "01" bearing code. Industrial Ball example: 40XA05227

White Nylon (01 Roller Bearing)* **NEW MODEL!**


| | | | | | | |
|---|---|-----|--------|------|--|------------------|
| 5 | 2 | 500 | 8 | 13/4 | | 40NW05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | | 40NW06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | | 40NW08201 |



NW

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|-------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 7 1/4 | 40XI05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 7 3/4 | 40XI06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/4 | 40XI08201 |




XI

*Industrial Ball (27), Precision Ball (28), Annular Ball (31) available.
Change "01" bearing code. Industrial Ball example: 40XI05227

Prevenz™ Antimicrobial Wheels


The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.



XS Prevenz™ XR Prevenz™ PY Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|------|-------|------------------|
| 5 | 2 | 500 | 8 | 13/4 | 7 1/4 | 40XP05201 |
| 6 | 2 | 500 | 8 1/2 | 13/4 | 7 3/4 | 40XP06201 |
| 8 | 2 | 500 | 10 1/2 | 13/4 | 9 1/4 | 40XP08201 |



XP

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Industrial Ball (27), Precision Ball (28), Annular Ball (31) available.
Change "01" bearing code. Industrial Ball example: 40XP05227

41

NEW MODEL!

SpringGuard™ Spring-Loaded Casters



FEATURES

- Springs are encapsulated and protected by a urethane SpringGuard™ for added safety
- Fully heat treated double ball raceway construction, extends the life of the caster
- Top plate and legs are made from 1/4" thick cold formed steel
- Standard 4 1/2" x 6 1/4" top plate

RIG OPTIONS

- Neoprene sealed swivel section specify **NS40**
- Hollow axle specify **ZF07**

BRAKE OPTIONS

Single Side and **Double Sided** Brakes available. Consult Factory.

Swivel Lock available (welded). Consult Factory.

BEARING OPTIONS



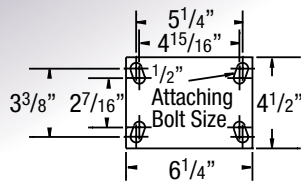
Precision Ball (28)

Spring into safety with this clever new spring loaded caster that features SpringGuard™. The spring is not exposed ... instead it is protected by a urethane guard for additional safety.

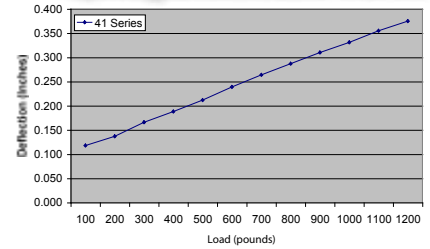
TYPICAL APPLICATIONS

- Diagnostic and electrical
- Institutional and laboratory
- Medical equipment and carts
- Food processing
- Mobile workstations
- Mobile storage racks
- Ground support equipment
- Packaging equipment
- Specialty toolboxes

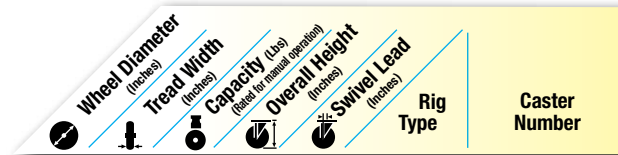
MOUNTING



Spring Deflection Curve



Linear deflection curve demonstrates consistent smooth spring action with loads from 100 lbs. to 1200 lbs.



41 Series Polyurethane on Aluminum 90A Durometer (Green Tread with Precision Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (based on manual operation) | Overall Height (inches) | Swivel Lead (inches) | Rig Type | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|----------|---------------|
| 6 | 2 | 800 | 7 7/8 | 2 | Swivel | 41PM06228S |
| 6 | 2 | 800 | 7 7/8 | 2 | Rigid | 41PM06228R |



41 Series Polyurethane on Aluminum 80A Durometer (Butterscotch Tread with Precision Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (based on manual operation) | Overall Height (inches) | Swivel Lead (inches) | Rig Type | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|----------|---------------|
| 6 | 2 | 800 | 7 7/8 | 2 | Swivel | 41PM06228S80A |
| 6 | 2 | 800 | 7 7/8 | 2 | Rigid | 41PM06228R80A |



41 Series X-tra Soft Rubber (Flat Tread with Precision Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) (based on manual operation) | Overall Height (inches) | Swivel Lead (inches) | Rig Type | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|----------|---------------|
| 6 | 2 | 500 | 7 7/8 | 2 | Swivel | 41XS06228S |
| 6 | 2 | 500 | 7 7/8 | 2 | Rigid | 41XS06228R |

ALBION®

| Item | Page | Item | Page |
|---|-------|---|-------|
|  42 Heavy Duty Spring-Loaded Casters, Capacity to 800 lbs. | 67 |  81 Heavy Duty Casters. Capacity to 2000 lbs | 83-84 |
|  44 Heavy Duty Spring-Loaded Casters, Capacity to 1500 lbs. | 68 |  84 Heavy Duty Casters. Capacity to 3500 lbs | 85-86 |
|  EMPIRE™ 60 Heavy Duty Casters. Capacity to 1500 lbs. | 69 |  90 Heavy Duty Casters. Capacity to 3500 lbs | 87-88 |
|  61 Heavy Duty Casters. Capacity to 1500 lbs. | 70-72 |  92 Heavy Duty Casters. Capacity to 4800 lbs | 89-90 |
|  62 Heavy Duty Casters Capacity to 1500 lbs. | 72-75 |  93 Heavy Duty Casters. Capacity to 7500 lbs | 91 |
|  63 Heavy Duty Casters. Capacity to 2000 lbs | 76 |  94 BBL Super Duty Casters (Ball Load Swivel) Capacity to 5000 lbs | 92-93 |
|  71 Heavy Duty Casters. Capacity to 1500 lbs | 77-78 |  94 TRL Super Duty Casters (Thrust Swivel Section) Capacity to 10000 lbs | 94-95 |
|  72 Heavy Duty Casters. Capacity to 1600 lbs | 79-80 |  95 BBL Super Duty Casters (Ball Load Swivel) Capacity to 8000 lbs | 96 |
|  78 Heavy Duty Casters. Capacity to 2000 lbs | 81-82 |  95 TRL Super Duty Casters (Thrust Swivel Section) Capacity to 17000 lbs | 97-98 |

42

Heavy Duty Spring-Loaded Casters

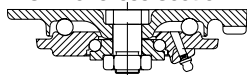


Designed with greater load capacity than our 40 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

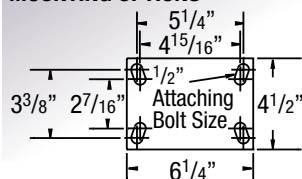
TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

Swivel Cross Section

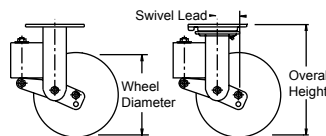


MOUNTING OPTIONS



FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 5/8" (50%). Different load springs for each series permits wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection Top
- **Top Plate & Yoke Base:** AISI 1045 drop forged steel for extended service life
- **Swivel Section:** Double ball bearing with coined "deep-groove" load and machined thrust raceways provide optimal performance under extreme loads
- **Legs:** 1/4" steel, formed to increase strength
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced shock load capacity
- **Axle:** 1/2" diameter hollow axle with lock nut for easy lubrication of wheels with straight roller bearing. Solid axle for 28 ball bearing
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available



RIG OPTIONS

- Neoprene sealed swivel section specify **SS05**

BRAKE OPTIONS

Single Side and **Double Sided** Brakes available. Consult Factory.

Swivel Lock available (welded). Consult Factory.

BEARING OPTIONS



Moldon Rubber on Cast Iron (07 Roller Bearing)

| | | | | | | | |
|----|----|-------|-----|--------|-------|--------|------------------|
| MR | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | 22 1/2 | 42MR08407 |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | 26 1/2 | 42MR10407 |

Pneumatic (27 Industrial Ball Bearing)

| | | | | | | | |
|----|----|--------|-----|--------|-------|--------|------------------|
| SF | 8 | 2.80/4 | 295 | 11 1/2 | 2 1/4 | 19 3/4 | 42SF08527 |
| | 10 | 4.10/4 | 350 | 13 1/2 | 2 1/4 | 21 | 42SF10627 |

Polyurethane on Cast Iron (07 Roller Bearing)*

| | | | | | | | |
|----|----|-------|-----|--------|-------|--------|------------------|
| PY | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | 23 | 42PY08407 |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | 19 1/2 | 42PY10407 |

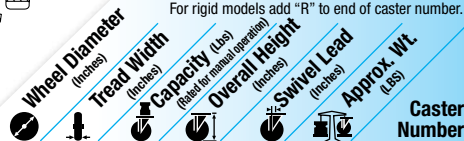
Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Vulkollan on Iron (07 Roller Bearing)

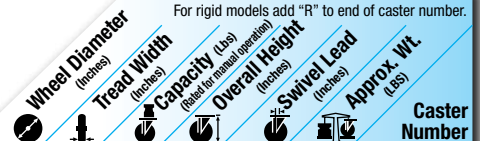
| | | | | | | | |
|----|----|-------|-----|--------|-------|--------|------------------|
| VY | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | 23 | 42VY08407 |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | 21 1/4 | 42VY10407 |

NEW PRODUCT!

For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.



For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.



Phenolic (07 Roller Bearing)*

| | | | | | | | |
|----|----|-------|-----|--------|-------|--------|------------------|
| TM | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | 23 | 42TM08407 |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | 21 1/4 | 42TM10407 |

*Tapered Roller bearing (09) available. Change "07" to "09". Example: 42TM08409.

Trionix™ NX (28 Precision Ball Bearing)

| | | | | | | | |
|----|----|-------|-----|--------|-------|--|------------------|
| NX | 8 | 2 1/2 | 800 | 11 1/2 | 2 1/4 | | 42NX08428 |
| | 10 | 2 1/2 | 800 | 13 1/2 | 2 1/4 | | 42NX10428 |

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



44

Xtra Heavy Duty Spring-Loaded Casters

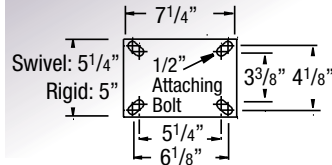


Designed with greater load capacity than our 40 and 42 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

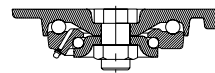
TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

MOUNTING



Swivel Cross Section



FEATURES

- **Load Springs:** Maximum rated capacity loads will deflect wheel approximately 3/4". Different load springs permit wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- **Swivel Top Plate:** AISI 1045 drop forged steel for strength & reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway affords extreme wear and greater capacity
- **Swivel Section:** Swivel load bearing is 4" diameter deep grooved load raceway with 1/2" steel balls and the thrust race is 2-5/8" diameter using 3/8" diameter steel balls for maximum performance under extreme loads
- **Legs:** 3/8" steel plate, welded inside and out to the yoke base to handle side impacts
- **King Bolt:** 1" diameter bolt and nut heat-treated for maximum performance
- **Axle:** 3/4" diameter solid axle with lock nut

RIG OPTIONS

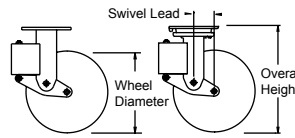
- **Neoprene sealed** swivel section specify **SS07**
- **Lubrication:** Zerk fitting in swivel section and in wheel hub for extended bearing life
- Alternate or custom caster configurations available

BRAKE OPTIONS

Single Side and **Double Sided** Brakes available. Consult Factory.

Swivel Lock available (welded). Consult Factory.

BEARING OPTIONS



For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Moldon Rubber on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 10 | 3 | 1000 | 13 1/2 | 3 | 42 1/2 | 44MR10501 |
| 12 | 3 | 1200 | 15 1/2 | 3 | 47 1/2 | 44MR12501 |

*Tapered Roller (09) available. Change "01" to other bearing code. Example: 44MR10509

Pneumatic (01 Roller Bearing)*

| | | | | | | |
|----|--------|------|--------|-------|--------|------------------|
| 12 | 4.10/6 | 445 | 17 1/2 | 4 1/2 | 40 | 44SF12701 |
| 14 | 5.30/6 | 785 | 18 1/2 | 4 1/2 | 43 | 44SF14801 |
| 16 | 4.80/6 | 1000 | 19 1/2 | 4 1/2 | 45 3/4 | 44SF16801 |

*Tapered Roller (09) available. Change "01" to other bearing code. Example: 44SF10509

Polyurethane on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 48 1/2 | 44PY10501 |
| 12 | 3 | 1500 | 15 1/2 | 3 | 56 1/4 | 44PY12501 |

Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Tapered Roller (09) available. Change "01" to other bearing code. Example: 44PY10509

Vulkollan on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 48 1/2 | 44VY10501 |
| 12 | 3 | 1500 | 15 1/2 | 3 | 56 1/4 | 44VY12501 |

*Tapered Roller (09) available. Change "01" to other bearing code. Example: 44VY10509

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|----|---|------|--------|---|----|------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 35 | 44XP10501 |
|----|---|------|--------|---|----|------------------|

Prevenz™ antimicrobial models available. Add PREV to end of caster number. *Tapered Roller (09) and Precision Ball (28) available. Change "01" to other bearing code. Example: 44XP10509

Phenolic (01 Roller Bearing)*

| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 38 1/2 | 44TM10501 |
| 12 | 3 | 1500 | 15 1/2 | 3 | 40 1/2 | 44TM12501 |

*Tapered Roller (09) available. Change "01" to other bearing code. Example: 44TM10509

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|----|---|------|--------|---|----|------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 35 | 44NY10528 |
|----|---|------|--------|---|----|------------------|

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW PRODUCT!

| | | | | | | |
|----|---|------|--------|---|----|------------------|
| 10 | 3 | 1500 | 13 1/2 | 3 | 35 | 44NX10528 |
|----|---|------|--------|---|----|------------------|

Polyurethane on Aluminum Flat Tread (01 Roller Bearing)* NEW PRODUCT!

| | | | | | | |
|----|-------|------|--------|---|--------|------------------|
| 10 | 2 1/2 | 1500 | 13 1/2 | 3 | 38 1/2 | 44PD10401 |
|----|-------|------|--------|---|--------|------------------|

60

EMPIRE™ Casters & Wheels Heavy Duty Casters

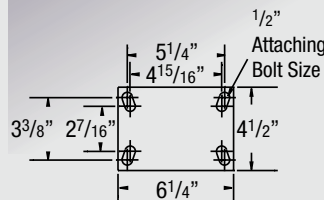


Manufactured from cold formed steel, this popular series is recommended for heavy duty applications. A heat treated king bolt and nut ensure longer caster life.

TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production jigs and fixtures

MOUNTING PLATE



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Rubber on Iron (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 4 | 2 | 350 | 55/8 | 15/16 | 6 1/2 | 60IM04201 |
| 5 | 2 | 400 | 6 1/2 | 1 1/2 | 7 1/2 | 60IM05201 |
| 6 | 2 | 410 | 7 1/2 | 1 3/4 | 9 1/2 | 60IM06201 |
| 8 | 2 | 450 | 10 1/8 | 1 3/4 | 9 1/4 | 60IM08201 |

TPR on Polypropylene (Flat Tread) (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 4 | 2 | 300 | 55/8 | 15/16 | 6 1/2 | 60IS04201 |
| 5 | 2 | 400 | 6 1/2 | 1 1/2 | 7 1/2 | 60IS05201 |
| 6 | 2 | 500 | 7 1/2 | 1 3/4 | 8 1/4 | 60IS06201 |
| 8 | 2 | 600 | 10 1/8 | 1 3/4 | 9 1/4 | 60IS08201 |

TPR on Polypropylene (Round Tread) (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|---------|-------|------------------|
| 4 | 2 | 250 | 55/8 | 1 11/16 | 6 | 60IR04201 |
| 5 | 2 | 350 | 6 1/2 | 1 5/8 | 7 | 60IR05201 |
| 6 | 2 | 450 | 7 1/2 | 1 3/4 | 8 1/4 | 60IR06201 |
| 8 | 2 | 550 | 10 1/8 | 1 3/4 | 9 1/4 | 60IR08201 |

Polypropylene (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|-------|---|------------------|
| 4 | 2 | 400 | 55/8 | 15/16 | 5 | 60IB04201 |
| 5 | 2 | 500 | 6 1/2 | 1 1/2 | 6 | 60IB05201 |
| 6 | 2 | 700 | 7 1/2 | 1 3/4 | 7 | 60IB06201 |
| 8 | 2 | 900 | 10 1/8 | 1 3/4 | 8 | 60IB08201 |

FEATURES

- **Top Plate:** Cold formed from 1/4" steel plate to provide the strongest possible section for swivel bearing
- **Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth then cold formed hardened to minimize ball indentation and wear
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King bolt:** 3/4" heat treated king bolt and nut assembly
- **Axle:** 1/2" diameter hollow axle with recessed zerk fitting and lock nut on straight roller and ball bearing. Solid axle on Delrin, precision ball, and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle with straight roller bearing wheels
- **Finish:** All rigs are zinc plated to resist corrosion and rust.
- **Notched Yoke Base:** Notched to accommodate swivel lock.

BRAKE OPTIONS

Cam specify **CB60**



Face Brake specify **FBB**

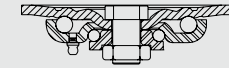
Single Side specify **SSB60**. Double Sided specify **DSB60**



Swivel Lock specify **L**

Hand operated field installable swivel lock specify **SL620000**

Swivel Cross Section



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 4 | 2 | 700 | 55/8 | 15/16 | 8 1/4 | 60IP04201 |
| 5 | 2 | 900 | 6 1/2 | 1 1/2 | 8 3/4 | 60IP05201 |
| 6 | 2 | 900 | 7 1/2 | 1 3/4 | 11 | 60IP06201 |
| 8 | 2 | 900 | 10 1/8 | 1 3/4 | 14 | 60IP08201 |

Polyurethane on Polypropylene (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 4 | 2 | 500 | 55/8 | 15/16 | | 60IX04201 |
| 5 | 2 | 600 | 6 1/2 | 1 1/2 | 7 1/2 | 60IX05201 |
| 6 | 2 | 800 | 7 1/2 | 1 3/4 | 8 1/4 | 60IX06201 |
| 8 | 2 | 900 | 10 1/8 | 1 3/4 | 9 1/2 | 60IX08201 |

Polyurethane on Polypropylene (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 4 | 2 | 400 | 55/8 | 15/16 | | 60IX04201 |
| 5 | 2 | 500 | 6 1/2 | 1 1/2 | 7 1/2 | 60IX05201 |
| 6 | 2 | 700 | 7 1/2 | 1 3/4 | 8 1/4 | 60IX06201 |
| 8 | 2 | 800 | 10 1/8 | 1 3/4 | 9 1/2 | 60IX08201 |

Phenolic (01 Roller Bearing)

| | | | | | | |
|---|---|------|--------|-------|-------|------------------|
| 4 | 2 | 800 | 55/8 | 15/16 | 6 1/4 | 60TM04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 6 3/4 | 60TM05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 7 3/4 | 60TM06201 |
| 8 | 2 | 1400 | 10 1/8 | 1 3/4 | 9 1/2 | 60TM08201 |

Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|-------|--------|------------------|
| 4 | 2 | 700 | 55/8 | 15/16 | 8 1/4 | 60IC04201 |
| 5 | 2 | 900 | 6 1/2 | 1 1/2 | 9 1/4 | 60IC05201 |
| 6 | 2 | 900 | 7 1/2 | 1 3/4 | 11 1/4 | 60IC06201 |
| 8 | 2 | 900 | 10 1/8 | 1 3/4 | 14 1/2 | 60IC08201 |

60 SERIES • CAPACITY TO 1500

61

Heavy Duty Casters

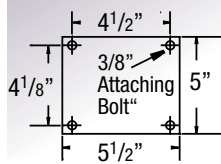


Manufactured from cold formed steel, this series comes highly recommended for use on heavy duty applications.

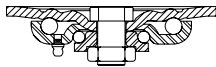
TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production jigs and fixtures

MOUNTING



Swivel Cross Section



FEATURES

- **Top Plate:** Cold formed from 1/4" steel plate to provide the strongest possible section for swivel bearing
- **Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth then heat treated to minimize ball indentation and wear
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King bolt:** 3/4" heat treated king bolt and nut assembly
- **Axle:** 1/2" diameter hollow axle with recessed zerk fitting and lock nut on straight roller and ball bearing. Solid axle on Delrin, ball bearings, and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle with straight roller bearing wheels
- **Finish:** All rigs are zinc plated to resist corrosion and rust.
- **Notched Yoke Base:** Notched to accommodate swivel lock.
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS61**
- **Inside weld** specify **IW61**
- **Thread guards** specify **TG61**
- **Hollow axle** for oilex and delrin applications specify **ZF07** (For up to 2" wide wheels).

BRAKE OPTIONS

Cam specify **CB61**



Face Brake specify **FBB** (Not available on 10" models)

Single Side specify **SSB61**. **Double Sided** specify **DSB61**



Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock specify **SL610000**



For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)
Tread Width (Inches)
Capacity (Lbs) (Based for manual operation)
Overall Height (Inches)
Swivel Lead (Inches)
Approx. Wt. (Lbs)
Caster Number

Moldon Rubber on Cast Iron (01/07 Straight Roller)*

| | | | | | | |
|----|-------------------------------|-----|--------------------------------|--------------------------------|--------------------------------|------------------|
| 4 | 2 | 300 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₂ | 61MR04201 |
| 5 | 2 | 450 | 6 ¹ / ₂ | 1 ¹ / ₂ | 7 ¹ / ₂ | 61MR05201 |
| 6 | 2 | 500 | 7 ³ / ₈ | 1 ³ / ₄ | 9 ¹ / ₂ | 61MR06201 |
| 6 | 2 ¹ / ₂ | 700 | 7 ³ / ₈ | 1 ³ / ₄ | 12 | 61MR06401 |
| 8 | 2 | 600 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₄ | 61MR08201 |
| 8 | 2 ¹ / ₂ | 850 | 9 ¹ / ₂ | 1 ³ / ₄ | 14 ¹ / ₂ | 61MR08407 |
| 10 | 2 ¹ / ₂ | 950 | 11 ¹ / ₂ | 1 ³ / ₄ | 18 ¹ / ₄ | 61MR10407 |

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" or "07" to bearing code. Oilex example: 61MR04223

MR

Heavy Duty Moldon Rubber on Cast Iron (01/07 Straight Roller)*

| | | | | | | |
|----|-------------------------------|------|--------------------------------|-------------------------------|--------------------------------|------------------|
| 5 | 2 | 700 | 6 ¹ / ₂ | 1 ¹ / ₂ | 7 ¹ / ₂ | 61MH05201 |
| 6 | 2 | 820 | 7 ³ / ₈ | 1 ³ / ₄ | 9 ¹ / ₂ | 61MH06201 |
| 8 | 2 | 1000 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₄ | 61MH08201 |
| 8 | 2 ¹ / ₂ | 1300 | 9 ¹ / ₂ | 1 ³ / ₄ | 14 ¹ / ₂ | 61MH08407 |
| 10 | 2 ¹ / ₂ | 1500 | 11 ¹ / ₂ | 1 ³ / ₄ | 18 ¹ / ₄ | 61MH10407 |

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" or "07" to bearing code. Oilex example: 61MH04223

MH

For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)
Tread Width (Inches)
Capacity (Lbs) (Based for manual operation)
Overall Height (Inches)
Swivel Lead (Inches)
Approx. Wt. (Lbs)
Caster Number

Moldon Rubber on Aluminum (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 400 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 | 61MD04201 |
| 5 | 2 | 500 | 6 ¹ / ₂ | 1 ¹ / ₂ | 6 ¹ / ₂ | 61MD05201 |
| 6 | 2 | 550 | 7 ³ / ₈ | 1 ³ / ₄ | 7 | 61MD06201 |
| 8 | 2 | 600 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₂ | 61MD08201 |

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" to bearing code. Oilex example: 61MD04223

MD

Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (inches)
Tread Width (inches)
Capacity (Lbs)
Overall Height (inches)
Swivel Lead (inches)
Approx. Wt. (Lbs)
Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (inches)
Tread Width (inches)
Capacity (Lbs)
Overall Height (inches)
Swivel Lead (inches)
Approx. Wt. (Lbs)
Caster Number

X-tra Soft Flat Tread (01 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₂ | 61XS04201 |
| 5 | 2 | 375 | 6 ¹ / ₂ | 1 ¹ / ₂ | 7 ¹ / ₂ | 61XS05201 |
| 6 | 2 | 600 | 7 ³ / ₈ | 1 ³ / ₄ | 8 ¹ / ₄ | 61XS06201 |
| 8 | 2 | 675 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₄ | 61XS08201 |



XS

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Precision Ball (28) and Delrin (51) Bearings available. Change "01" to other bearing code.
Delrin example: 61XS04251

X-tra Soft Round Tread (01 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|-------------------------------|-------------------------------|------------------|
| 6 | 2 | 450 | 7 ³ / ₈ | 1 ³ / ₄ | 8 ¹ / ₄ | 61XR06201 |
| 8 | 2 | 600 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₄ | 61XR08201 |



XR

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Precision Ball (28) and Delrin (51) Bearings available. Change "01" to other bearing code.
Delrin example: 61XR06251

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|-------------------------------|-------------------------------|------------------|
| 5 | 2 | 300 | 6 ¹ / ₂ | 1 ¹ / ₂ | 8 | 61RM05228 |
| 6 | 2 | 350 | 7 ³ / ₈ | 1 ³ / ₄ | 8 | 61RM06228 |
| 8 | 2 | 400 | 9 ¹ / ₂ | 1 ³ / ₄ | 8 ¹ / ₄ | 61RM08228 |



RM

NEW MODEL! For black tread specify "RL" wheel code (example 61RL05228).

Pneumatic (27 Radial Ball Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|-------------------------------|-------------------------------|------------------|
| 6 | 2 | 200 | 7 ³ / ₈ | 1 ³ / ₄ | 7 | 61SF06227 |
| 8 | 2 | 210 | 9 ¹ / ₂ | 1 ³ / ₄ | 7 ¹ / ₄ | 61SF08227 |



SF

Fiberglass Filled Polypropylene (01 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | NEW MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------|------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | | 61GP04201 |
| 5 | 2 | 800 | 6 ¹ / ₂ | 1 ¹ / ₂ | | 61GP05201 |
| 6 | 2 | 1000 | 7 ³ / ₈ | 1 ³ / ₄ | | 61GP06201 |
| 8 | 2 | 1400 | 9 ¹ / ₂ | 1 ³ / ₄ | | 61GP08201 |



GP

*Delrin (51) Bearings or plain bore (41) models available. Change "01" example: 61GP04251.

Polyurethane on Aluminum Crown Tread (01 Roller Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 700 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₂ | 61PD04201 |
| 5 | 2 | 1200 | 6 ¹ / ₂ | 1 ¹ / ₂ | 6 ¹ / ₂ | 61PD05201 |
| 6 | 2 | 1230 | 7 ³ / ₈ | 1 ³ / ₄ | 7 ¹ / ₄ | 61PD06201 |
| 8 | 2 | 1500 | 9 ¹ / ₂ | 1 ³ / ₄ | 8 ¹ / ₂ | 61PD08201 |



PD

Polyurethane on Cast Iron (01, 07 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|-------------------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 700 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 8 ¹ / ₄ | 61PI04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ¹ / ₂ | 8 ³ / ₄ | 61PI05201 |
| 6 | 2 | 1200 | 7 ³ / ₈ | 1 ³ / ₄ | 11 | 61PI06201 |
| 6 | 2 ¹ / ₂ | 1200 | 7 ³ / ₈ | 1 ³ / ₄ | 11 | 61PI06401 |
| 8 | 2 | 1500 | 9 ¹ / ₂ | 1 ³ / ₄ | 14 | 61PI08201 |
| 8 | 2 ¹ / ₂ | 1500 | 9 ¹ / ₂ | 1 ³ / ₄ | 14 | 61PI08401 |



PI

*Drawn Cup Roller (02), Oillex (23), Industrial Ball (27), Pedestal Precision Ball (29), Annular Ball (31), two piece Delrin (51), and one piece Delrin (52) available. Change "01" to bearing code.
Drawn Cup Roller example: 61PI04202

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|-------------------------------|--------------------------------|------------------|
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ¹ / ₂ | 7 ¹ / ₄ | 61PM05228 |
| 6 | 2 | 1250 | 7 ³ / ₈ | 1 ³ / ₄ | 8 ¹ / ₄ | 61PM06228 |
| 8 | 2 | 1500 | 9 ¹ / ₂ | 1 ³ / ₄ | 10 ¹ / ₂ | 61PM08228 |



PM

Polyurethane on Cast Iron (07 Roller Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|-------------------------------|----------------|--------------------------------|-------------------------------|-------------------|------------------|
| 6 | 2 ¹ / ₂ | 1500 | 7 ³ / ₈ | 1 ³ / ₄ | 13 | 61PY06407 |
| 8 | 2 ¹ / ₂ | 1500 | 9 ¹ / ₂ | 1 ³ / ₄ | 16 | 61PY08407 |
| 10 | 2 ¹ / ₂ | 1500 | 11 ¹ / ₂ | 1 ³ / ₄ | 17 | 61PY10407 |



PY

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Polyurethane on Polypropylene (01 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 600 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₂ | 61XA04201 |
| 5 | 2 | 750 | 6 ¹ / ₂ | 1 ¹ / ₂ | 7 ¹ / ₂ | 61XA05201 |
| 6 | 2 | 900 | 7 ³ / ₈ | 1 ³ / ₄ | 8 ¹ / ₄ | 61XA06201 |
| 8 | 2 | 1000 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₂ | 61XA08201 |



XA

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Delrin (51) available. Change "01" to "51".
Delrin example: 61XA04252

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₄ | 61XI04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ¹ / ₂ | 5 ¹ / ₂ | 61XI05201 |
| 6 | 2 | 1000 | 7 ³ / ₈ | 1 ³ / ₄ | 7 ³ / ₄ | 61XI06201 |
| 8 | 2 | 1000 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₂ | 61XI08201 |



XI

*Drawn Cup Roller (02), Bronze (22), Precision Ball (28), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code.
Pedestal Precision example: 61XI04229.

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|----------------------|----------------|-------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 1400 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₄ | 61XP04201 |
| 5 | 2 | 1200 | 6 ¹ / ₂ | 1 ¹ / ₂ | 6 ³ / ₄ | 61XP05201 |
| 6 | 2 | 1400 | 7 ³ / ₈ | 1 ³ / ₄ | 7 ³ / ₄ | 61XP06201 |
| 8 | 2 | 1200 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₂ | 61XP08201 |



XP

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Precision Ball (28), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code.
Pedestal Precision example: 61XP04229.

Phenolic (01, 07 Roller Bearing)

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|-------------------------------|----------------|--------------------------------|--------------------------------|--------------------------------|------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₄ | 61TM04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ¹ / ₂ | 6 ³ / ₄ | 61TM05201 |
| 6 | 2 | 1200 | 7 ³ / ₈ | 1 ³ / ₄ | 7 ³ / ₄ | 61TM06201 |
| 6 | 2 ¹ / ₂ | 1500 | 7 ³ / ₈ | 1 ³ / ₄ | 9 | 61TM06407 |
| 8 | 2 | 1400 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₂ | 61TM08201 |
| 8 | 2 ¹ / ₂ | 1500 | 9 ¹ / ₂ | 1 ³ / ₄ | 11 ¹ / ₄ | 61TM08407 |
| 10 | 2 ¹ / ₂ | 1500 | 11 ¹ / ₂ | 1 ³ / ₄ | 13 | 61TM10407 |



TM

Maxim® (01 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|-------------------------------|----------------|-------------------------------|--------------------------------|--------------------------------|------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₄ | 61NG04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ¹ / ₂ | 6 ³ / ₄ | 61NG05201 |
| 6 | 2 | 1200 | 7 ³ / ₈ | 1 ³ / ₄ | 7 ³ / ₄ | 61NG06201 |
| 8 | 2 | 1400 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₄ | 61NG08201 |
| 10 | 2 ¹ / ₂ | 1500 | 9 ¹ / ₂ | 1 ³ / ₄ | 10 ¹ / ₂ | 61NG10407 |



NG

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 61NG04229.

Maxim® NR Noise Reduction (07 Roller Bearing)*

| Wheel Diameter (inches) | Tread Width (inches) | Capacity (Lbs) | Overall Height (inches) | Swivel Lead (inches) | Approx. Wt. (Lbs) | POPULAR MODEL! |
|-------------------------|-------------------------------|----------------|--------------------------------|--------------------------------|--------------------------------|------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 6 ¹ / ₄ | 61NR04207 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ¹ / ₂ | 6 ³ / ₄ | 61NR05207 |
| 6 | 2 | 1200 | 7 ³ / ₈ | 1 ³ / ₄ | 7 ³ / ₄ | 61NR06207 |
| 8 | 2 | 1400 | 9 ¹ / ₂ | 1 ³ / ₄ | 9 ¹ / ₄ | 61NR08207 |
| 10 | 2 ¹ / ₂ | 1500 | 11 ¹ / ₂ | 1 ³ / ₄ | 10 ¹ / ₂ | 61NR10407 |



NR

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 61NR04229.

61 SERIES • CAPACITY TO 1500

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.


Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

Trionix™ High Impact Polymer (Precision Ball Bearing)


| | | | | | | |
|---|---|------|-------|-------|-------|------------------|
| 8 | 2 | 1500 | 9 1/2 | 1 3/4 | 9 1/2 | 61NY08228 |
|---|---|------|-------|-------|-------|------------------|



NY

Drop Forged Steel (01 Roller Bearing)*

| | | | | | | |
|---|-------|------|-------|--------|--------|------------------|
| 4 | 1 1/2 | 1400 | 5 5/8 | 1 5/16 | 8 1/4 | 61FS04101 |
| 5 | 1 3/4 | 1500 | 6 1/2 | 1 1/2 | 10 1/4 | 61FS05201 |
| 6 | 2 | 1500 | 7 3/8 | 1 3/4 | 11 1/4 | 61FS06201 |




FS

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 61FS04109).

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!

| | | | | | | |
|---|---|------|-------|--------|-------|------------------|
| 4 | 2 | 1500 | 5 5/8 | 1 5/16 | 8 1/4 | 61NX04228 |
| 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 8 3/4 | 61NX05228 |
| 6 | 2 | 1500 | 7 3/8 | 1 3/4 | 11 | 61NX06228 |
| 8 | 2 | 1500 | 9 1/2 | 1 3/4 | 9 1/2 | 61NX08228 |




NX

For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 61NX04428).

Ductile Iron Crowned Tread (01 Roller Bearing) NEW MODEL!

| | | | | | | |
|---|---|------|-------|-------|--------|------------------|
| 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 10 1/4 | 61FR05201 |
| 6 | 2 | 1500 | 7 3/8 | 1 3/4 | 11 | 61FR06201 |
| 8 | 2 | 1500 | 9 1/2 | 1 3/4 | 14 1/2 | 61FR08201 |




FR, FM

*Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 61FR05209).

Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 61FM05201.

White Nylon (01 Roller Bearing)* NEW MODEL!

| | | | | | | |
|---|---|------|-------|-------|--|------------------|
| 5 | 2 | 600 | 6 1/2 | 1 1/2 | | 61NW05201 |
| 6 | 2 | 900 | 7 3/8 | 1 3/4 | | 61NW06201 |
| 8 | 2 | 1100 | 9 1/2 | 1 3/4 | | 61NW08201 |




NW

*Delrin (51) Bearings or plain bore (00) models available. Change "01" example: 61NW05251.

Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 61FM05201.

Cast Iron (01, 07 Roller Bearing)

| | | | | | | |
|---|-------|------|-------|--------|--------|------------------|
| 4 | 2 | 1000 | 5 5/8 | 1 5/16 | 8 1/4 | 61CA04201 |
| 5 | 2 | 1300 | 6 1/2 | 1 1/2 | 9 1/4 | 61CA05201 |
| 6 | 2 | 1400 | 7 3/8 | 1 3/4 | 11 1/4 | 61CA06201 |
| 6 | 2 1/2 | 1500 | 7 3/8 | 1 3/4 | 13 | 61CA06407 |
| 8 | 2 | 1500 | 9 1/2 | 1 3/4 | 14 1/2 | 61CA08201 |
| 8 | 2 1/2 | 1500 | 9 1/2 | 1 3/4 | 16 | 61CA08407 |




CA

Prevenz™ Antimicrobial Wheels
The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.

Heavy Duty Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|---|------|-------|-------|--------|------------------|
| 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 10 1/4 | 61CH05201 |
| 6 | 2 | 1500 | 7 3/8 | 1 3/4 | 11 | 61CH06201 |
| 8 | 2 | 1500 | 9 1/2 | 1 3/4 | 14 1/2 | 61CH08201 |



CH



CUSTOM FABRICATION

This is not a one-size-fits-all business. In fact, many of our orders require custom fabrication.

If you can't find the right caster for your special application, put the Albion engineering team to work. We will create the perfect solution for your moving problem.



62

Heavy Duty Casters

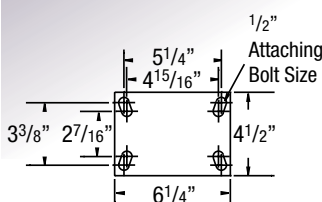


Manufactured from cold formed steel, this popular series is recommended for heavy duty applications. A heat treated king bolt and nut ensure longer caster life.

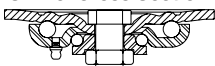
TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production jigs and fixtures

MOUNTING PLATE



Swivel Cross Section



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Moldon Rubber on Cast Iron (01/07 Straight Roller)*



| | | | | | | |
|----|-------|-----|--------|--------|--------|------------------|
| 4 | 2 | 300 | 5 5/8 | 1 5/16 | 6 1/2 | 62MR04201 |
| 5 | 2 | 450 | 6 1/2 | 1 1/2 | 7 1/2 | 62MR05201 |
| 6 | 2 | 500 | 7 1/2 | 1 3/4 | 9 1/2 | 62MR06201 |
| 6 | 2 1/2 | 700 | 7 1/2 | 1 3/4 | 12 | 62MR06407 |
| 8 | 2 | 600 | 10 1/8 | 1 3/4 | 9 1/4 | 62MR08201 |
| 8 | 2 1/2 | 850 | 10 1/8 | 1 3/4 | 14 1/2 | 62MR08407 |
| 10 | 2 1/2 | 950 | 11 1/2 | 1 3/4 | 18 1/4 | 62MR10407 |

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" or "07" to bearing code.
Oilex example: 62MR04223

MR

Heavy Duty Moldon Rubber on Cast Iron (01/07 Straight Roller)* **NEW MODEL!**



| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 5 | 2 | 700 | 6 1/2 | 1 1/2 | 7 1/2 | 62MH05201 |
| 6 | 2 | 820 | 7 1/2 | 1 3/4 | 9 1/2 | 62MH06201 |
| 8 | 2 | 1000 | 10 1/8 | 1 3/4 | 9 1/4 | 62MH08201 |
| 8 | 2 1/2 | 1300 | 10 1/8 | 1 3/4 | 14 1/2 | 62MH08407 |
| 10 | 2 1/2 | 1500 | 11 1/2 | 1 3/4 | 18 1/4 | 62MH10407 |

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" or "07" to bearing code.
Oilex example: 62MH04223

MH

FEATURES

- **Top Plate:** Cold formed from 1/4" steel plate to provide the strongest possible section for swivel bearing
- **Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth then heat treated to minimize ball indentation and wear
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King bolt:** 3/4" heat treated king bolt and nut assembly
- **Axle:** 1/2" diameter hollow axle with recessed zerk fitting and lock nut on straight roller and ball bearing. Solid axle on Delrin, precision ball, and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle with straight roller bearing wheels
- **Finish:** All rigs are zinc plated to resist corrosion and rust.
- **Notched Yoke Base:** Notched to accommodate swivel lock.
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS62**
- **Inside weld** specify **IW62**
- **Thread guards** specify **TG62**
- **Hollow axle** for oilex and delrin applications specify **ZF07** (For up to 2" wide wheels)
- **NSF Listed** for food service industry specify **N**
- **Optional Overall Heights** see notes at end of 62 Series section.

BRAKE OPTIONS

Cam specify **CB62**



Face Brake specify **FBB** (Not available on 10" models)

Single Side specify **SSB62**. **Double Sided** specify **DSB62**



Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock specify **SL620000**



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Moldon Rubber on Aluminum (01 Roller Bearing)



| | | | | | | |
|---|---|-----|--------|--------|--|------------------|
| 4 | 2 | 400 | 5 5/8 | 1 5/16 | | 62MD04201 |
| 5 | 2 | 500 | 6 1/2 | 1 1/2 | | 62MD05201 |
| 6 | 2 | 550 | 7 1/2 | 1 3/4 | | 62MD06201 |
| 8 | 2 | 600 | 10 1/8 | 1 3/4 | | 62MD08201 |

MD

X-tra Soft Flat Tread (01 Roller Bearing)*

POPULAR MODEL!



| | | | | | | |
|---|---|-----|--------|--------|-------|------------------|
| 4 | 2 | 350 | 5 5/8 | 1 5/16 | 6 1/2 | 62XS04201 |
| 5 | 2 | 375 | 6 1/2 | 1 1/2 | 7 1/2 | 62XS05201 |
| 6 | 2 | 600 | 7 1/2 | 1 3/4 | 8 1/4 | 62XS06201 |
| 8 | 2 | 675 | 10 1/8 | 1 3/4 | 9 1/4 | 62XS08201 |

XS

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to bearing code. Note: Capacity on 6x2 Precision Ball models decrease to 450lbs, 8x2 decreases to 500lbs.
Delrin example: 62XS04251

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 6 | 2 | 450 | 7 1/2 | 1 3/4 | 8 1/4 | 62XR06201 |
| 8 | 2 | 600 | 10 1/8 | 1 3/4 | 9 1/4 | 62XR08201 |



XR

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to bearing code. Note: Capacity on 6x2 Precision Ball models decrease to 450lbs, 8x2 decreases to 500lbs.
Delrin example: 62XR04251

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 5 | 2 | 300 | 6 1/2 | 1 1/2 | 8 | 62RM05228 |
| 6 | 2 | 350 | 7 1/2 | 1 3/4 | 8 | 62RM06228 |
| 8 | 2 | 400 | 10 1/8 | 1 3/4 | 8 1/4 | 62RM08228 |



RM

NEW MODEL! For black tread specify "RL" wheel code (example 62RL05228).

Pneumatic (27 Industrial Ball Bearing)

| | | | | | | |
|---|---|-----|--------|-------|-------|------------------|
| 6 | 2 | 200 | 7 1/2 | 1 3/4 | | 62SF06227 |
| 8 | 2 | 210 | 10 1/8 | 1 3/4 | 7 1/4 | 62SF08227 |



SF

Fiberglass Filled Polypropylene (01 Roller Bearing)*

| | | | | | | |
|---|---|------|--------|--------|--|------------------|
| 4 | 2 | 350 | 5 5/8 | 1 5/16 | | 62GP04201 |
| 5 | 2 | 800 | 6 1/2 | 1 1/2 | | 62GP05201 |
| 6 | 2 | 1000 | 7 1/2 | 1 3/4 | | 62GP06201 |
| 8 | 2 | 1400 | 10 1/8 | 1 3/4 | | 62GP08201 |



GP

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 62GP04251.

Polyurethane on Aluminum Crown Tread (01 Roller Bearing) POPULAR MODEL!

| | | | | | | |
|---|---|------|--------|--------|-------|------------------|
| 4 | 2 | 700 | 5 5/8 | 1 5/16 | 6 1/2 | 62PD04201 |
| 5 | 2 | 1050 | 6 1/2 | 1 1/2 | 6 1/2 | 62PD05201 |
| 6 | 2 | 1230 | 7 1/2 | 1 3/4 | 7 1/4 | 62PD06201 |
| 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 8 1/2 | 62PD08201 |



PD

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|---|-------|------|--------|--------|-------|------------------|
| 4 | 2 | 700 | 5 5/8 | 1 5/16 | 8 1/4 | 62PI04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 8 3/4 | 62PI05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 11 | 62PI06201 |
| 6 | 2 1/2 | 1200 | 7 1/2 | 1 3/4 | 11 | 62PI06401 |
| 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 14 | 62PI08201 |
| 8 | 2 1/2 | 1500 | 10 1/8 | 1 3/4 | 14 | 62PI08401 |



PI

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | | |
|---|---|------|--------|-------|--------|------------------|
| 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 7 1/4 | 62PM05228 |
| 6 | 2 | 1250 | 7 1/2 | 1 3/4 | 8 1/4 | 62PM06228 |
| 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 10 1/2 | 62PM08228 |



PM

Polyurethane on Cast Iron (07 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|----|------------------|
| 6 | 2 1/2 | 1500 | 7 1/2 | 1 3/4 | 13 | 62PY06407 |
| 8 | 2 1/2 | 1500 | 10 1/8 | 1 3/4 | 16 | 62PY08407 |
| 10 | 2 1/2 | 1500 | 11 1/2 | 1 3/4 | 17 | 62PY10407 |



PY

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Polyurethane on Polypropylene (01 Roller Bearing)

POPULAR MODEL!

| | | | | | | |
|---|---|------|--------|--------|-------|------------------|
| 4 | 2 | 600 | 5 5/8 | 1 5/16 | | 62XA04201 |
| 5 | 2 | 750 | 6 1/2 | 1 1/2 | 7 1/2 | 62XA05201 |
| 6 | 2 | 900 | 7 1/2 | 1 3/4 | 8 1/4 | 62XA06201 |
| 8 | 2 | 1000 | 10 1/8 | 1 3/4 | 9 1/2 | 62XA08201 |



XA

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|------|--------|--------|-------|------------------|
| 4 | 2 | 1000 | 5 5/8 | 1 5/16 | 6 1/4 | 62XI04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 5 1/2 | 62XI05201 |
| 6 | 2 | 1000 | 7 1/2 | 1 3/4 | 7 3/4 | 62XI06201 |
| 8 | 2 | 1000 | 10 1/8 | 1 3/4 | 9 1/2 | 62XI08201 |



XI

*Drawn Cup Roller (02), Bronze (22), Precision Ball (28) Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code.
Pedestal Precision example: 62XI04229.

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|------|--------|--------|-------|------------------|
| 4 | 2 | 1400 | 5 5/8 | 1 5/16 | 6 1/4 | 62XP04201 |
| 5 | 2 | 1200 | 6 1/2 | 1 1/2 | 6 3/4 | 62XP05201 |
| 6 | 2 | 1400 | 7 1/2 | 1 3/4 | 7 3/4 | 62XP06201 |
| 8 | 2 | 1200 | 10 1/8 | 1 3/4 | 9 1/2 | 62XP08201 |



XP

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Precision Ball (28) Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code.
Pedestal Precision example: 62XP04229.

Phenolic (01, 07 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|--------|--------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 5/16 | 6 1/4 | 62TM04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 6 3/4 | 62TM05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 7 3/4 | 62TM06201 |
| 6 | 2 1/2 | 1500 | 7 1/2 | 1 3/4 | 9 | 62TM06407 |
| 8 | 2 | 1400 | 10 1/8 | 1 3/4 | 9 1/2 | 62TM08201 |
| 8 | 2 1/2 | 1500 | 10 1/8 | 1 3/4 | 11 1/4 | 62TM08407 |
| 10 | 2 1/2 | 1500 | 11 1/2 | 1 3/4 | 13 | 62TM10407 |



TM

Maxim® (01 Roller Bearing)*

| | | | | | | |
|---|---|------|--------|--------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 5/16 | 6 1/4 | 62NG04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 6 3/4 | 62NG05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 7 3/4 | 62NG06201 |
| 8 | 2 | 1400 | 10 1/8 | 1 3/4 | 9 1/4 | 62NG08201 |



NG

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 62NG04229.

Maxim® NR Noise Reduction (01 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|--------|-------|------------------|
| 4 | 2 | 800 | 5 5/8 | 1 5/16 | 6 1/4 | 62NR04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 1/2 | 6 3/4 | 62NR05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 3/4 | 7 3/4 | 62NR06201 |
| 8 | 2 | 1400 | 10 1/8 | 1 3/4 | 9 1/4 | 62NR08201 |
| 10 | 2 1/2 | 1500 | 11 1/2 | 1 3/4 | | 62NR10407 |



NR

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 62NR104229.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|---|---|------|--------|-------|-------|------------------|
| 8 | 2 | 1500 | 10 1/8 | 1 3/4 | 9 1/2 | 62NY08228 |
|---|---|------|--------|-------|-------|------------------|



NY

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on nominal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on nominal operation)


Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)




| | | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------------------|------------------|
| 4 | 2 | 1500 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 8 ¹ / ₄ | 62NX04228 |
| 5 | 2 | 1500 | 6 ¹ / ₂ | 1 ¹ / ₂ | 8 ³ / ₄ | 62NX05228 |
| 6 | 2 | 1500 | 7 ¹ / ₂ | 1 ³ / ₄ | 11 | 62NX06228 |
| 8 | 2 | 1500 | 10 ¹ / ₈ | 1 ³ / ₄ | 14 | 62NX08228 |

NX

For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 62NX0428).

Drop Forged Steel (01 Roller Bearing)*




| | | | | | | |
|---|-------------------------------|------|-------------------------------|--------------------------------|--------------------------------|------------------|
| 4 | 1 ¹ / ₂ | 1400 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 8 ¹ / ₄ | 62FS04101 |
| 5 | 1 ³ / ₄ | 1500 | 6 ¹ / ₂ | 1 ¹ / ₂ | 10 ¹ / ₄ | 62FS05201 |
| 6 | 2 | 1500 | 7 ¹ / ₂ | 1 ³ / ₄ | 11 ¹ / ₄ | 62FS06201 |

FS

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 62FS04109).


Cast Iron (01, 07 Roller Bearing)



| | | | | | | |
|---|-------------------------------|------|--------------------------------|--------------------------------|--------------------------------|------------------|
| 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ⁵ / ₁₆ | 8 ¹ / ₄ | 62CA04201 |
| 5 | 2 | 1300 | 6 ¹ / ₂ | 1 ¹ / ₂ | 9 ¹ / ₄ | 62CA05201 |
| 6 | 2 | 1400 | 7 ¹ / ₂ | 1 ³ / ₄ | 11 ¹ / ₄ | 62CA06201 |
| 6 | 2 ¹ / ₂ | 1500 | 7 ¹ / ₂ | 1 ³ / ₄ | 13 | 62CA06407 |
| 8 | 2 | 1500 | 10 ¹ / ₈ | 1 ³ / ₄ | 14 ¹ / ₂ | 62CA08201 |
| 8 | 2 ¹ / ₂ | 1500 | 10 ¹ / ₈ | 1 ³ / ₄ | 16 | 62CA08407 |

CA

Ductile Iron Crowned Tread (01 Roller Bearing) **NEW MODEL!**




| | | | | | | |
|---|---|------|--------------------------------|-------------------------------|--------------------------------|------------------|
| 5 | 2 | 1500 | 6 ¹ / ₂ | 1 ¹ / ₂ | 10 ¹ / ₄ | 62FR05201 |
| 6 | 2 | 1500 | 7 ¹ / ₂ | 1 ³ / ₄ | 11 | 62FR06201 |
| 8 | 2 | 1500 | 10 ¹ / ₈ | 1 ³ / ₄ | 14 ¹ / ₂ | 62FR08201 |

FR, FM

*Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 62FR05209).

Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 62FM05201.

Heavy Duty Cast Iron (01 Roller Bearing)




| | | | | | | |
|---|---|------|--------------------------------|-------------------------------|--------------------------------|------------------|
| 5 | 2 | 1500 | 6 ¹ / ₂ | 1 ¹ / ₂ | 10 ¹ / ₄ | 62CH05201 |
| 6 | 2 | 1500 | 7 ¹ / ₂ | 1 ³ / ₄ | 11 | 62CH06201 |
| 8 | 2 | 1500 | 10 ¹ / ₈ | 1 ³ / ₄ | 14 ¹ / ₂ | 62CH08201 |

CH

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.

White Nylon (01 Roller Bearing)* **NEW MODEL!**



| | | | | | | |
|---|---|------|--------------------------------|-------------------------------|--|------------------|
| 5 | 2 | 600 | 6 ¹ / ₂ | 1 ¹ / ₂ | | 62NW05201 |
| 6 | 2 | 900 | 7 ¹ / ₂ | 1 ³ / ₄ | | 62NW06201 |
| 8 | 2 | 1100 | 10 ¹ / ₈ | 1 ³ / ₄ | | 62NW08201 |

NW

*Delrin (51) Bearings or plain bore (00) models available. Change "01" example: 62NW05251.



Optional Overall Heights all 62 Series Models:

| Wheel Diameter | Overall Height | Swivel Lead | Swivel Specity | Rigid Specity |
|----------------|----------------|-------------|----------------|---------------|
| 6" | 7-3/4" | 1-3/4" | HS85 | HR85 |
| 8" | 9-1/2" | 2-1/4" | HS76 | HR76 |
| 8" | 9-3/4" | 1-3/4" | HS83 | HR83 |



POLYURETHANE EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

63 Heavy Duty Casters

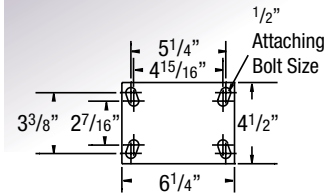


Offering thicker legs and a 3/4" diameter axle this series improves on our popular 62 series for increased capacity. Manufactured from cold formed steel this caster can stand up to most heavy duty applications.

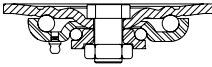
TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks

MOUNTING PLATE



Swivel Cross Section



FEATURES

- **Top Plate:** 1/4" steel plate provides the strongest possible section for swivel bearing
- **Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth and then heat treated to minimize ball indentation and wear.
- **Legs:** 3/8" steel plate formed to increase strength and welded to the yoke base inside and out.
- **King Bolt:** 3/4" diameter heat treated king bolt and lock nut
- **Axle:** 3/4" diameter axle is hollow with lock nut
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle.
- **Notched Yoke Base:** Notched to accommodate swivel lock.
- Alternate or custom caster configurations available

BEARING OPTIONS

Straight Roller (05)



RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS63**
- **Optional Overall Height** of 9-1/2" available for 8" diameter wheel models. Swivel Lead changes to 2-1/4". For swivel specify **HS84**. For Rigid specify **HR84**.

BRAKE OPTIONS



Single Side specify **SSB63**. **Double Sided** specify **DSB63**

Face Contact specify **F**

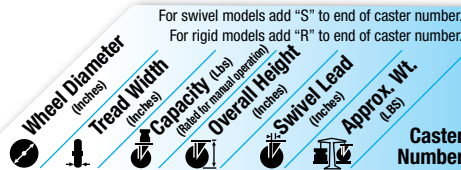


New! Face Brake specify **FBB**

Swivel Lock (welded) specify **L**



Hand operated field installable swivel lock specify **SL620000**



Moldon Rubber on Cast Iron (05 Roller Bearing)

| | | | | | | | |
|--|----|-------|-----|--------|-------|--------|------------------|
| | 6 | 2 1/2 | 700 | 7 1/2 | 2 1/4 | 16 1/2 | 63MR06405 |
| | 8 | 2 1/2 | 850 | 10 1/8 | 2 1/4 | 17 1/2 | 63MR08405 |
| | 10 | 2 1/2 | 950 | 11 1/2 | 2 1/4 | 21 | 63MR10405 |
| | 12 | 2 1/2 | 950 | 13 1/2 | 2 1/4 | 24 1/4 | 63MR12405 |

Polyurethane on Cast Iron (05 Roller Bearing)

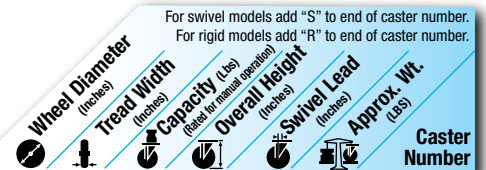
| | | | | | | | |
|--|----|-------|------|--------|-------|--------|------------------|
| | 5 | 2 1/2 | 1290 | 6 1/2 | 2 1/4 | 15 | 63PY05405 |
| | 6 | 2 1/2 | 1620 | 7 1/2 | 2 1/4 | 18 1/4 | 63PY06405 |
| | 8 | 2 1/2 | 1800 | 10 1/8 | 2 1/4 | 17 1/2 | 63PY08405 |
| | 10 | 2 1/2 | 2000 | 11 1/2 | 2 1/4 | 25 3/4 | 63PY10405 |
| | 12 | 2 1/2 | 2000 | 13 1/2 | 2 1/4 | 30 3/4 | 63PY12405 |

Polyurethane on Cast Iron (05 Roller Bearing)

| | | | | | | | |
|--|----|-------|------|--------|-------|--------|------------------|
| | 6 | 2 1/2 | 1620 | 7 1/2 | 2 1/4 | 18 1/4 | 63PI06405 |
| | 8 | 2 1/2 | 1800 | 10 1/8 | 2 1/4 | 17 1/2 | 63PI08405 |
| | 10 | 2 1/2 | 2000 | 11 1/2 | 2 1/4 | 25 3/4 | 63PI10405 |
| | 12 | 2 1/2 | 2000 | 13 1/2 | 2 1/4 | 30 3/4 | 63PI12405 |



Prevenz™ Antimicrobial Wheels
Available on PY wheels



Vulkollan on Iron (05 Roller Bearing)

| | | | | | | | |
|--|----|-------|------|--------|-------|----|------------------|
| | 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 24 | 63VY08405 |
| | 10 | 2 1/2 | 2000 | 11 1/2 | 2 1/4 | 27 | 63VY10405 |

Phenolic (05 Roller Bearing)

| | | | | | | | |
|--|----|-------|------|--------|-------|--------|------------------|
| | 6 | 2 1/2 | 1600 | 7 1/2 | 2 1/4 | 11 1/2 | 63TM06405 |
| | 8 | 2 1/2 | 1800 | 10 1/8 | 2 1/4 | 13 3/4 | 63TM08405 |
| | 10 | 2 1/2 | 1800 | 11 1/2 | 2 1/4 | 15 3/4 | 63TM10405 |
| | 12 | 2 1/2 | 1800 | 13 1/2 | 2 1/4 | 21 | 63TM12405 |

Cast Iron (05 Roller Bearing)

| | | | | | | | |
|--|----|-------|------|--------|-------|--------|------------------|
| | 5 | 2 1/2 | 1800 | 6 1/2 | 2 1/4 | 16 1/4 | 63CA05405 |
| | 6 | 2 1/2 | 1800 | 7 1/2 | 2 1/4 | 16 3/4 | 63CA06405 |
| | 8 | 2 1/2 | 1800 | 10 1/8 | 2 1/4 | 21 | 63CA08405 |
| | 10 | 2 1/2 | 1800 | 11 1/2 | 2 1/4 | 25 1/4 | 63CA10405 |
| | 12 | 2 1/2 | 1800 | 13 1/2 | 2 1/4 | 29 1/4 | 63CA12405 |

71 Heavy Duty Casters

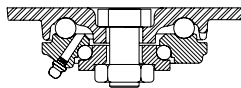


Heavy duty forged steel for extended life in rugged applications.

TYPICAL APPLICATIONS

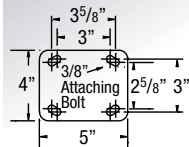
- Production racks and fixtures
- Live skids and Box trucks

Swivel Cross Section

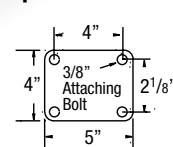


MOUNTING PLATE

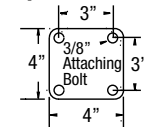
Standard Plate



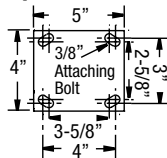
Optional G Plate



Optional H Plate



Optional J Plate



FEATURES

- **Top Plate:** AISI 1045 drop-forged steel for enhanced strength
- **Swivel Section:** Double ball bearing with coined "deep-groove" load and machined component thrust raceway.
- **Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter hollow axle with lock nut on straight roller bearings and ball bearing offerings. Solid axle on Delrin, precision ball, and Oilex bearing offerings.
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle.
- Alternate or custom caster configurations available

RIG OPTIONS

- **Sealed swivel** section specify **NS71**
- **Heat treated raceway** specify **HT01**

BRAKE OPTIONS

Cam specify **CB71**



Single Side specify **SSB71**. **Double Sided** specify **DSB71**

Face Brake specify **FBB**



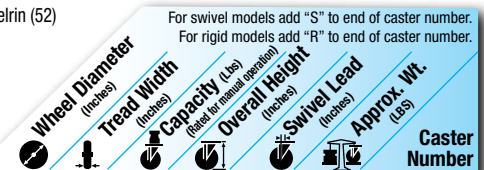
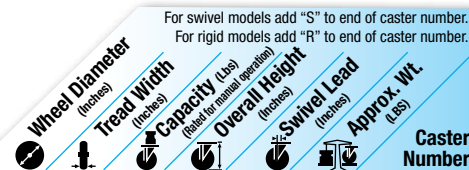
Swivel Lock (welded) specify **L**

Hand operated field installable swivel lock specify **SL160000**



Foot operated field installable swivel lock specify **SL160002**

BEARING OPTIONS



Moldon Rubber on Cast Iron (01 Roller Bearing)*



| | | | | | | |
|---|---|-----|--------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 300 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 7 ³ / ₄ | 71MR04201 |
| 5 | 2 | 450 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 8 | 71MR05201 |
| 6 | 2 | 500 | 7 ¹ / ₂ | 2 ¹ / ₄ | 9 ³ / ₄ | 71MR06201 |
| 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 12 | 71MR08201 |

*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to bearing code. Precision Ball example: 71MR04228

MR

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing)* NEW MODEL!



| | | | | | | |
|---|---|------|--------------------------------|---------------------------------|-------------------------------|------------------|
| 5 | 2 | 700 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 8 | 71MH05201 |
| 6 | 2 | 820 | 7 ¹ / ₂ | 2 ¹ / ₄ | 9 ³ / ₄ | 71MH06201 |
| 8 | 2 | 1000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 12 | 71MH08201 |

*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to bearing code. Precision Ball example: 71MH04228

MH

Moldon Rubber on Aluminum (01 Roller Bearing)*



| | | | | | | |
|---|---|-----|--------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 400 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 6 ¹ / ₂ | 71MD04201 |
| 5 | 2 | 500 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 7 | 71MD05201 |
| 6 | 2 | 550 | 7 ¹ / ₂ | 2 ¹ / ₄ | 7 ¹ / ₂ | 71MD06201 |
| 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 9 ¹ / ₂ | 71MD08201 |

*Precision Ball (28) and Tapered Roller (09) Bearings available. Change "01" to bearing code. Precision Ball example: 71MD04228

MD

X-tra Soft Flat Tread (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------------------------------|---------------------------------|-------------------------------|------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ⁷ / ₁₆ | 5 ¹ / ₂ | 71XS04201 |
| 5 | 2 | 375 | 6 ¹ / ₂ | 1 ¹³ / ₁₆ | 6 ¹ / ₄ | 71XS05201 |
| 6 | 2 | 600 | 7 ¹ / ₂ | 2 ¹ / ₄ | 6 ³ / ₄ | 71XS06201 |
| 8 | 2 | 675 | 10 ¹ / ₈ | 2 ¹ / ₄ | 8 ¹ / ₂ | 71XS08201 |



Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available. Change "01" to other bearing code. Note: Capacity on 6x2 Precision Ball models decrease to 450lbs, 8x2 decreases to 500lbs. Delrin example: 71XS04251

XS

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------------------------------|-------------------------------|-------------------------------|------------------|
| 6 | 2 | 450 | 7 ¹ / ₂ | 2 ¹ / ₄ | 6 ³ / ₄ | 71XR06201 |
| 8 | 2 | 600 | 10 ¹ / ₈ | 2 ¹ / ₄ | 8 ¹ / ₂ | 71XR08201 |

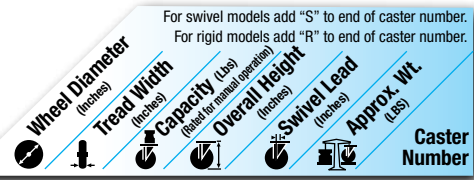
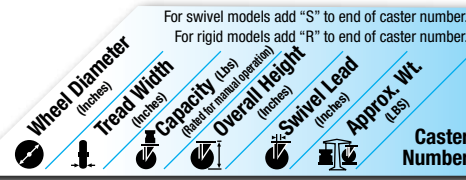


Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available. Change "01" to other bearing code. Note: Capacity on 6x2 Precision Ball models decrease to 450lbs, 8x2 decreases to 500lbs. Delrin example: 71XR06251

XR

Continue on next page



Pneumatic (27 Industrial Ball Bearing)

| | | | | | | | | |
|----|--|---|---|-----|--------|-------|-------|------------------|
| SF | | 6 | 2 | 200 | 7 1/2 | 2 1/4 | 6 3/4 | 71SF06227 |
| | | 8 | 2 | 210 | 10 1/8 | 2 1/4 | 8 1/2 | 71SF08227 |

Polyurethane on Aluminum Crown Tread (01 Roller Bearing) POPULAR MODEL!

| | | | | | | | | |
|----|--|---|---|------|--------|---------|-------|------------------|
| PD | | 4 | 2 | 700 | 5 5/8 | 1 7/16 | 6 1/2 | 71PD04201 |
| | | 5 | 2 | 1050 | 6 1/2 | 1 13/16 | 7 | 71PD05201 |
| | | 6 | 2 | 1230 | 7 1/2 | 2 1/4 | 7 1/2 | 71PD06201 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 9 1/2 | 71PD08201 |

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | | | |
|----|--|---|---|------|--------|---------|-------|------------------|
| PI | | 4 | 2 | 700 | 5 5/8 | 1 7/16 | 8 | 71PI04201 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 8 3/4 | 71PI05201 |
| | | 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 11 | 71PI06201 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 14 | 71PI08201 |

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | | | | |
|----|--|---|---|------|--------|---------|-------|------------------|
| PM | | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 5 3/4 | 71PM05228 |
| | | 6 | 2 | 1250 | 7 1/2 | 2 1/4 | 6 3/4 | 71PM06228 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 8 1/2 | 71PM08228 |

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | | | |
|----|--|--|--------|-----|-------|--------|-------|------------------|
| PY | | 3 1/4 | 2 3/16 | 540 | 5 1/4 | 1 7/16 | 6 1/4 | 71PY03201 |
| | | Prevenz™ antimicrobial models available. Add PREV to end of caster number. | | | | | | |

Polyurethane on Polypropylene (01 Roller Bearing) POPULAR MODEL!

| | | | | | | | | |
|--|--|---|---|------|--------|---------|-------|------------------|
| XA | | 4 | 2 | 600 | 5 5/8 | 1 7/16 | 5 1/2 | 71XA04201 |
| | | 5 | 2 | 750 | 6 1/2 | 1 13/16 | 6 1/4 | 71XA05201 |
| | | 6 | 2 | 900 | 7 1/2 | 2 1/4 | 6 3/4 | 71XA06201 |
| | | 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 8 1/2 | 71XA08201 |
| Prevenz™ antimicrobial models available. Add PREV to end of caster number. | | | | | | | | |

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | | | | |
|---|--|---|---|------|--------|---------|-------|------------------|
| XI | | 4 | 2 | 1000 | 5 5/8 | 1 7/16 | 6 1/2 | 71XI04201 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 6 3/4 | 71XI05201 |
| | | 6 | 2 | 1000 | 7 1/2 | 2 1/4 | 7 3/4 | 71XI06201 |
| | | 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 10 | 71XI08201 |
| *Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 71XI04229. | | | | | | | | |

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | | | |
|--|--|---|---|------|--------|---------|-------|------------------|
| XP | | 4 | 2 | 1400 | 5 5/8 | 1 7/16 | 6 1/2 | 71XP04201 |
| | | 5 | 2 | 1200 | 6 1/2 | 1 13/16 | 6 3/4 | 71XP05201 |
| | | 6 | 2 | 1400 | 7 1/2 | 2 1/4 | 7 3/4 | 71XP06201 |
| | | 8 | 2 | 1200 | 10 1/8 | 2 1/4 | 10 | 71XP08201 |
| Prevenz™ antimicrobial models available. Add PREV to end of model. *Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 71XP04229. | | | | | | | | |

Phenolic (01 Roller Bearing)

| | | | | | | | | |
|----|--|-------|---|------|--------|---------|-------|------------------|
| TM | | 3 1/4 | 2 | 700 | 5 1/4 | 1 7/16 | 6 | 71TM03201 |
| | | 4 | 2 | 800 | 5 5/8 | 1 7/16 | 6 1/2 | 71TM04201 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 6 3/4 | 71TM05201 |
| | | 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 7 3/4 | 71TM06201 |
| | | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 10 | 71TM08201 |

Maxim® (01 Roller Bearing)*

| | | | | | | | | |
|----|--|-------|---|------|--------|---------|-------|------------------|
| NG | | 3 1/4 | 2 | 700 | 5 1/4 | 1 7/16 | 6 | 71NG03201 |
| | | 4 | 2 | 800 | 5 5/8 | 1 7/16 | 6 1/2 | 71NG04201 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 6 3/4 | 71NG05201 |
| | | 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 7 3/4 | 71NG06201 |
| | | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 10 | 71NG08201 |

Prevenz™ antimicrobial models available. Add PREV to end of model. *Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 71NG04229.

Maxim® NR Noise Reduction (01 Roller Bearing)* NEW MODEL!

| | | | | | | | | |
|---|--|---|---|------|--------|---------|-------|------------------|
| NR | | 4 | 2 | 800 | 5 5/8 | 1 7/16 | 6 1/2 | 71NR04201 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 13/16 | 6 3/4 | 71NR05201 |
| | | 6 | 2 | 1200 | 7 1/2 | 2 1/4 | 7 3/4 | 71NR06201 |
| | | 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 10 | 71NR08201 |
| *Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 71NR04229. | | | | | | | | |

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | | | |
|----|--|---|---|------|--------|-------|----|------------------|
| NY | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 10 | 71NY08228 |
|----|--|---|---|------|--------|-------|----|------------------|

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!

| | | | | | | | | |
|----|--|---|---|------|--------|---------|-------|------------------|
| NX | | 4 | 2 | 1500 | 5 5/8 | 1 7/16 | 6 1/2 | 71NX04228 |
| | | 5 | 2 | 1500 | 6 1/2 | 1 13/16 | 7 | 71NX05228 |
| | | 6 | 2 | 1500 | 7 1/2 | 2 1/4 | 7 1/2 | 71NX06228 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 9 1/2 | 71NX08228 |

Cast Iron (01 Roller Bearing)

| | | | | | | | | |
|----|--|-------|---|------|--------|--------|--------|------------------|
| CA | | 3 1/4 | 2 | 700 | 5 1/4 | 1 7/16 | 8 1/4 | 71CA03201 |
| | | 4 | 2 | 1000 | 5 5/8 | 1 7/16 | 8 1/4 | 71CA04201 |
| | | 5 | 2 | 1300 | 6 1/2 | 1 1/2 | 9 1/4 | 71CA05201 |
| | | 6 | 2 | 1400 | 7 1/2 | 2 1/4 | 11 1/4 | 71CA06201 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 14 1/2 | 71CA08201 |

Heavy Duty Cast Iron (01 Roller Bearing)

| | | | | | | | | |
|----|--|---|---|------|--------|-------|----|------------------|
| CH | | 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 10 | 71CH05201 |
| | | 6 | 2 | 1500 | 7 1/2 | 2 1/4 | 12 | 71CH06201 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 15 | 71CH08201 |

Drop Forged Steel (01 Roller Bearing)*

| | | | | | | | | |
|---|--|---|-------|------|-------|--------|--------|------------------|
| FS | | 4 | 1 1/2 | 1400 | 5 5/8 | 1 7/16 | 8 1/4 | 71FS04101 |
| | | 5 | 1 3/4 | 1500 | 6 1/2 | 1 1/2 | 10 1/4 | 71FS05201 |
| | | 6 | 2 | 1500 | 7 1/2 | 2 1/4 | 11 1/4 | 71FS06201 |
| *Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 71FS04109). | | | | | | | | |

Ductile Iron Crowned Tread (01 Roller Bearing) NEW MODEL!

| | | | | | | | | |
|--|--|---|---|------|--------|-------|----|------------------|
| FR, FM | | 5 | 2 | 1500 | 6 1/2 | 1 1/2 | 10 | 71FR05201 |
| | | 6 | 2 | 1500 | 7 1/2 | 2 1/4 | 12 | 71FR06201 |
| | | 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 15 | 71FR08201 |
| *Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 71FR05209). Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 71FM05201. | | | | | | | | |

Prevenz™ Antimicrobial Wheels
See notes below charts for availability.

72 Heavy Duty Casters

72 SERIES • CAPACITY TO 1600



Heavy duty forged steel for extended life and rugged applications.

FEATURES

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing coined "deep-groove" load and machined component thrust raceways
- **Legs:** 1/4" steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter, hollow, with lock nut. Solid axle on Delrin, precision ball, and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS72**
- **Heat treated raceway** specify **HT02**
- **Hollow axle** for plain bore, oilex and delrin applications specify **ZF07** (For up to 2" wide wheels)
- **NSF Listed** for food service industry specify **NSF**

BRAKE OPTIONS

Cam specify **CB72**



Face Brake specify **FBB**

Single Side specify **SSB72**. **Double Sided** specify **DSB72**



Poly Cam specify **P**

Wrap Around Brake specify **WB72**



Swivel Lock (welded) specify **L**

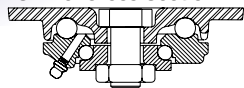
Hand operated field installable swivel lock specify **SL720000** (Yokes must be notched)



TYPICAL APPLICATIONS

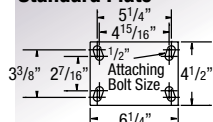
- Production racks and fixtures
- Live skids and Box trucks

Swivel Cross Section

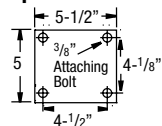


MOUNTING PLATE

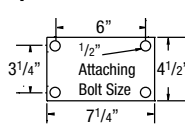
Standard Plate



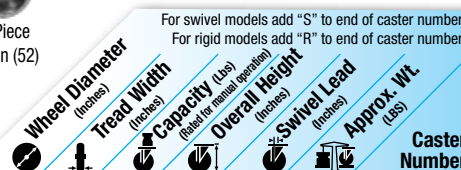
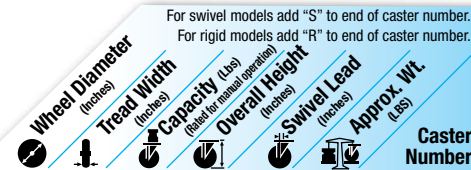
Optional D Plate



Optional W Plate



BEARING OPTIONS



Moldon Rubber on Cast Iron (01, 07 Roller Bearing)

| | | | | | | |
|----|-------|-----|--------|---------|--------|------------------|
| 4 | 2 | 300 | 5 5/8 | 1 7/16 | 8 | 72MR04201 |
| 5 | 2 | 450 | 6 1/2 | 1 13/16 | 8 1/2 | 72MR05201 |
| 6 | 2 | 500 | 7 1/2 | 2 1/4 | 9 | 72MR06201 |
| 6 | 2 1/2 | 700 | 7 1/2 | 2 1/4 | 15 1/2 | 72MR06407 |
| 8 | 2 | 600 | 10 1/8 | 2 1/4 | 14 | 72MR08201 |
| 8 | 2 1/2 | 850 | 10 1/8 | 2 1/4 | 16 3/4 | 72MR08407 |
| 10 | 2 1/2 | 950 | 11 1/2 | 2 1/4 | 20 3/4 | 72MR10407 |

Heavy Duty Moldon Rubber on Cast Iron (01, 07 Roller Bearing) NEW MODEL!

| | | | | | | |
|----|-------|------|--------|---------|--------|------------------|
| 5 | 2 | 700 | 6 1/2 | 1 13/16 | 8 1/2 | 72MH05201 |
| 6 | 2 | 820 | 7 1/2 | 2 1/4 | 9 | 72MH06201 |
| 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 14 | 72MH08201 |
| 8 | 2 1/2 | 1300 | 10 1/8 | 2 1/4 | 16 3/4 | 72MH08407 |
| 10 | 2 1/2 | 1500 | 11 1/2 | 2 1/4 | 20 3/4 | 72MH10407 |

Moldon Rubber on Aluminum (01 Roller Bearing)

| | | | | | | |
|---|---|-----|--------|---------|--------|------------------|
| 4 | 2 | 400 | 5 5/8 | 1 7/16 | 8 | 72MD04201 |
| 5 | 2 | 500 | 6 1/2 | 1 13/16 | 8 1/2 | 72MD05201 |
| 6 | 2 | 550 | 7 1/2 | 2 1/4 | 9 | 72MD06201 |
| 8 | 2 | 600 | 10 1/8 | 2 1/4 | 11 1/4 | 72MD08201 |

X-tra Soft Flat Tread (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|---------|--------|------------------|
| 4 | 2 | 350 | 5 5/8 | 1 7/16 | 7 1/4 | 72XS04201 |
| 5 | 2 | 375 | 6 1/2 | 1 13/16 | 7 3/4 | 72XS05201 |
| 6 | 2 | 600 | 7 1/2 | 2 1/4 | 8 1/2 | 72XS06201 |
| 8 | 2 | 675 | 10 1/8 | 2 1/4 | 10 1/4 | 72XS08201 |

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Note: Capacity on 6x2 Precision Ball models decrease to 450lbs, 8x2 decreases to 500lbs.
Delrin example: 72XS04251

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|-------|--------|------------------|
| 6 | 2 | 450 | 7 1/2 | 2 1/4 | 8 1/1 | 72XR06201 |
| 8 | 2 | 600 | 10 1/8 | 2 1/4 | 10 1/4 | 72XR08201 |

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Precision Ball (28) and Delrin (51) Bearings available.
Change "01" to other bearing code. Note: Capacity on 6x2 Precision Ball models decrease to 450lbs, 8x2 decreases to 500lbs.
Delrin example: 72XR06251

Pneumatic (27 Industrial Ball Bearing)

| | | | | | | |
|---|---|-----|--------|-------|--------|------------------|
| 6 | 2 | 200 | 7 1/2 | 2 1/4 | 8 1/2 | 72SF06227 |
| 8 | 2 | 210 | 10 1/8 | 2 1/4 | 10 1/4 | 72SF08227 |

See Pneumatic Caster Section for more models.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Polyurethane on Aluminum Crown Tread (01 Roller Bearing) POPULAR MODEL!

| | | | | | | | |
|--|---|---|------|-------|--------|-------|------------------|
| | 4 | 2 | 700 | 55/8 | 17/16 | 73/4 | 72PD04201 |
| | 5 | 2 | 1050 | 61/2 | 113/16 | 81/2 | 72PD05201 |
| | 6 | 2 | 1230 | 71/2 | 21/4 | 9 | 72PD06201 |
| | 8 | 2 | 1500 | 101/8 | 21/4 | 103/2 | 72PD08201 |

Polyurethane on Cast Iron (01 Roller Bearing) NEW SIZES!

| | | | | | | | |
|----|-------|-------|-------|-------|--------|------------------|------------------|
| | 4 | 2 | 700 | 55/8 | 17/16 | 9 | 72PI04201 |
| | 5 | 2 | 1000 | 61/2 | 113/16 | 101/2 | 72PI05201 |
| | 6 | 2 | 1200 | 71/2 | 21/4 | 121/2 | 72PI06201 |
| | 6 | 2 1/2 | 1200 | 71/2 | 21/4 | 121/2 | 72PI06401 |
| | 8 | 2 | 1500 | 101/8 | 21/4 | 153/4 | 72PI08201 |
| | 8 | 2 1/2 | 1500 | 101/8 | 21/4 | 16 | 72PI08401 |
| 10 | 2 1/2 | 1500 | 111/2 | 21/4 | 17 | 72PI10401 | |

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | | | |
|--|---|-------|------|-------|--------|-------|------------------|
| | 5 | 2 | 1000 | 61/2 | 113/16 | 81/4 | 72PM05228 |
| | 6 | 2 | 1250 | 71/2 | 21/4 | 91/4 | 72PM06228 |
| | 8 | 2 1/2 | 1500 | 101/8 | 21/4 | 121/4 | 72PM08228 |

Polyurethane on Cast Iron (07 Roller Bearing)

| | | | | | | | |
|--|----|-------|------|-------|------|-------|------------------|
| | 6 | 2 1/2 | 1600 | 71/2 | 21/4 | 133/4 | 72PY06407 |
| | 8 | 2 1/2 | 1600 | 101/8 | 21/4 | 171/2 | 72PY08407 |
| | 10 | 2 1/2 | 1600 | 111/2 | 21/4 | 19 | 72PY10407 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Polyurethane on Polypropylene (01 Roller Bearing) POPULAR MODEL!

| | | | | | | | |
|--|---|---|------|-------|--------|-------|------------------|
| | 4 | 2 | 600 | 55/8 | 17/16 | 71/4 | 72XA04201 |
| | 5 | 2 | 750 | 61/2 | 113/16 | 73/4 | 72XA05201 |
| | 6 | 2 | 900 | 71/2 | 21/4 | 81/2 | 72XA06201 |
| | 8 | 2 | 1000 | 101/8 | 21/4 | 101/4 | 72XA08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------|--------|-------|------------------|
| | 4 | 2 | 1000 | 55/8 | 17/16 | 71/2 | 72XI04201 |
| | 5 | 2 | 1000 | 61/2 | 113/16 | 81/2 | 72XI05201 |
| | 6 | 2 | 1000 | 71/2 | 21/4 | 91/2 | 72XI06201 |
| | 8 | 2 | 1000 | 101/8 | 21/4 | 113/4 | 72XI08201 |

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 72XI04229.

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------|--------|------|------------------|
| | 4 | 2 | 1400 | 55/8 | 17/16 | 71/2 | 72XP04201 |
| | 5 | 2 | 1200 | 61/2 | 113/16 | 81/2 | 72XP05201 |
| | 6 | 2 | 1400 | 71/2 | 21/4 | 91/2 | 72XP06201 |
| | 8 | 2 | 1200 | 101/8 | 21/4 | 10 | 72XP08201 |

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 72XP04229.

Phenolic (01, 07 Roller Bearing)

| | | | | | | | |
|----|-------|-------|-------|-------|--------|------------------|------------------|
| | 4 | 2 | 800 | 55/8 | 17/16 | 71/2 | 72TM04201 |
| | 5 | 2 | 1000 | 61/2 | 113/16 | 81/2 | 72TM05201 |
| | 6 | 2 | 1200 | 71/2 | 21/4 | 91/2 | 72TM06201 |
| | 6 | 2 1/2 | 1600 | 71/2 | 21/4 | 103/4 | 72TM06407 |
| | 8 | 2 | 1400 | 101/8 | 21/4 | 113/4 | 72TM08201 |
| | 8 | 2 1/2 | 1600 | 101/8 | 21/4 | 131/4 | 72TM08407 |
| 10 | 2 1/2 | 1600 | 111/2 | 21/4 | 15 | 72TM10407 | |

Maxim® (01 Roller Bearing)*

| | | | | | | | |
|--|---|---|------|-------|--------|-------|------------------|
| | 4 | 2 | 800 | 55/8 | 17/16 | 71/2 | 72NG04201 |
| | 5 | 2 | 1000 | 61/2 | 113/16 | 81/2 | 72NG05201 |
| | 6 | 2 | 1200 | 71/2 | 21/4 | 91/2 | 72NG06201 |
| | 8 | 2 | 1400 | 101/8 | 21/4 | 113/4 | 72NG08201 |

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 72NG04229.

Maxim® NR Noise Reduction (01/07 Roller Bearing)* NEW MODEL!

| | | | | | | | |
|--|----|-------|------|-------|--------|-------|------------------|
| | 4 | 2 | 800 | 55/8 | 17/16 | 71/2 | 72NR04201 |
| | 5 | 2 | 1000 | 61/2 | 113/16 | 81/2 | 72NR05201 |
| | 6 | 2 | 1200 | 71/2 | 21/4 | 91/2 | 72NR06201 |
| | 8 | 2 | 1400 | 101/8 | 21/4 | 113/4 | 72NR08201 |
| | 10 | 2 1/2 | 1500 | 111/2 | 21/4 | 13 | 72NR10407 |

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 72NR04229.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | | |
|--|---|---|------|-------|------|-------|------------------|
| | 8 | 2 | 1600 | 101/8 | 21/4 | 101/2 | 72NY08228 |
|--|---|---|------|-------|------|-------|------------------|

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!

| | | | | | | | |
|--|---|---|------|-------|--------|-------|------------------|
| | 4 | 2 | 1600 | 55/8 | 17/16 | 9 | 72NX04228 |
| | 5 | 2 | 1600 | 61/2 | 113/16 | 101/2 | 72NX05228 |
| | 6 | 2 | 1600 | 71/2 | 21/4 | 121/2 | 72NX06228 |
| | 8 | 2 | 1600 | 101/8 | 21/4 | 153/4 | 72NX08228 |

For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 72NX04428).

Cast Iron (01, 07 Roller Bearing)

| | | | | | | | |
|--|---|-------|------|-------|--------|-------|------------------|
| | 4 | 2 | 1000 | 55/8 | 17/16 | 91/4 | 72CA04201 |
| | 5 | 2 | 1300 | 61/2 | 113/16 | 103/4 | 72CA05201 |
| | 6 | 2 | 1400 | 71/2 | 21/4 | 123/4 | 72CA06201 |
| | 6 | 2 1/2 | 1600 | 71/2 | 21/4 | 161/2 | 72CA06407 |
| | 8 | 2 | 1600 | 101/8 | 21/4 | 16 | 72CA08201 |
| | 8 | 2 1/2 | 1600 | 101/8 | 21/4 | 181/4 | 72CA08407 |

Heavy Duty Cast Iron (01 Roller Bearing)

| | | | | | | | |
|--|---|---|------|-------|--------|-------|------------------|
| | 5 | 2 | 1500 | 61/2 | 113/16 | 113/4 | 72CH05201 |
| | 6 | 2 | 1600 | 71/2 | 21/4 | 14 | 72CH06201 |
| | 8 | 2 | 1600 | 101/8 | 21/4 | 17 | 72CH08201 |

Drop Forged Steel (01 Roller Bearing)*

| | | | | | | | |
|--|---|-------|------|------|--------|------|------------------|
| | 4 | 1 1/2 | 1400 | 55/8 | 17/16 | 91/4 | 72FS04101 |
| | 5 | 1 3/4 | 1500 | 61/2 | 113/16 | 12 | 72FS05201 |
| | 6 | 2 | 1500 | 71/2 | 21/4 | 13 | 72FS06201 |

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 72FS04109).

Ductile Iron Crowned Tread (01 Roller Bearing)* NEW MODEL!

| | | | | | | | |
|--|---|---|------|-------|--------|-------|------------------|
| | 5 | 2 | 1500 | 61/2 | 113/16 | 113/4 | 72FR05201 |
| | 6 | 2 | 1600 | 71/2 | 21/4 | 14 | 72FR06201 |
| | 8 | 2 | 1600 | 101/8 | 21/4 | 17 | 72FR08201 |

*Tapered Roller (09) and Precision Ball (28) available.
(Tapered Roller example: 72FR05209).
For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 72FR05401).
Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 72FM05201.

78 Heavy Duty Casters

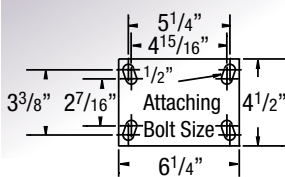


Castors are drop forged and made for those unusual jobs requiring constant swiveling or abilities to withstand shock or impact. Fitted with drop-forged steel wheels, these castors will withstand severe applications.

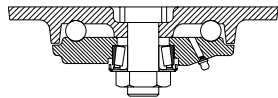
TYPICAL APPLICATIONS

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

MOUNTING PLATE



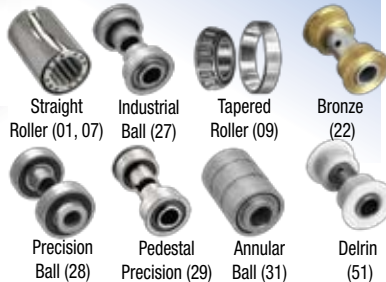
Swivel Cross Section



FEATURES

- **Top Plate:** AISI 1045 drop-forged steel for enhanced strength
- **Swivel Section:** Ball bearing load with a heat treated deep-groove raceway for added strength and wear
- **Thrust bearing:** thrust bearing has a tapered roller bearing to insure proper adjustment and alignment of load raceways
- **Legs:** 3/8" steel formed to increase strength and welded to the yoke.
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 1/2" diameter, hollow, with lock nut. 2-1/2" tread width wheels have solid axle
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS78**

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB78**. **Double Sided** specify **DSB78**

Swivel Lock
(welded)
specify **L**



Hand operated field installable swivel lock specify **SL720000** (Yokes must be notched)

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Pneumatic (27 Industrial Ball Bearing)

| | | | | | | |
|---|---|-----|--------|---|--------|------------------|
| 6 | 2 | 200 | 8 | 2 | 11 1/2 | 78SF06227 |
| 8 | 2 | 210 | 10 1/2 | 2 | 13 1/4 | 78SF08227 |

SF

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | | |
|---|---|------|--------|---|--------|------------------|
| 5 | 2 | 1000 | 7 1/4 | 2 | 10 1/4 | 78PM05228 |
| 6 | 2 | 1250 | 8 | 2 | 11 1/4 | 78PM06228 |
| 8 | 2 | 1500 | 10 1/2 | 2 | 14 1/4 | 78PM08228 |

PM

Polyurethane on Aluminum Crown Tread (01 Roller Bearing) POPULAR MODEL!

| | | | | | | |
|---|---|------|--------|------|--------|------------------|
| 4 | 2 | 700 | 6 | 15/8 | 10 1/4 | 78PD04201 |
| 5 | 2 | 1050 | 7 1/4 | 2 | 10 3/4 | 78PD05201 |
| 6 | 2 | 1230 | 8 | 2 | 11 1/4 | 78PD06201 |
| 8 | 2 | 1500 | 10 1/2 | 2 | 12 1/4 | 78PD08201 |

PD

Polyurethane on Cast Iron (07 Roller Bearing)

| | | | | | | |
|---|-------|------|--------|---|--------|------------------|
| 6 | 2 1/2 | 1600 | 8 | 2 | 15 3/4 | 78PY06407 |
| 8 | 2 1/2 | 1600 | 10 1/2 | 2 | 18 1/4 | 78PY08407 |

PY

Prevenz™ antimicrobial models available. Add PREV to end of model.

Polyurethane on Cast Iron (01 & 07 Roller Bearing)

| | | | | | | NEW SIZES! |
|---|-------|------|--------|------|--------|------------------|
| 4 | 2 | 700 | 6 | 15/8 | 12 | 78PI04201 |
| 5 | 2 | 1000 | 7 1/4 | 2 | 12 | 78PI05201 |
| 6 | 2 | 1200 | 8 | 2 | 15 | 78PI06201 |
| 6 | 2 1/2 | 1200 | 8 | 2 | 15 | 78PI06407 |
| 8 | 2 | 1500 | 10 1/2 | 2 | 17 1/4 | 78PI08201 |
| 8 | 2 1/2 | 1500 | 10 1/2 | 2 | 17 1/4 | 78PI08407 |

PI

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|---|---|------|--------|------|--------|------------------|
| 4 | 2 | 1400 | 6 | 15/8 | 10 1/2 | 78XP04201 |
| 5 | 2 | 1200 | 7 1/4 | 2 | 11 | 78XP05201 |
| 6 | 2 | 1400 | 8 | 2 | 12 | 78XP06201 |
| 8 | 2 | 1200 | 10 1/2 | 2 | 13 1/4 | 78XP08201 |

XP

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 78XP04229.

78 Series Continued

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|

Phenolic (01, 07 Roller Bearing)



| | | | | | | |
|---|-------|------|--------|------|--------|------------------|
| 4 | 2 | 800 | 6 | 15/8 | 10 1/2 | 78TM04201 |
| 5 | 2 | 1000 | 7 1/4 | 2 | 11 | 78TM05201 |
| 6 | 2 | 1200 | 8 | 2 | 12 | 78TM06201 |
| 6 | 2 1/2 | 1500 | 8 | 2 | 13 | 78TM06407 |
| 8 | 2 | 1400 | 10 1/2 | 2 | 13 1/4 | 78TM08201 |
| 8 | 2 1/2 | 1600 | 10 1/2 | 2 | 14 3/4 | 78TM08407 |

TM

Maxim® (01 Roller Bearing)*



| | | | | | | |
|---|---|------|--------|------|--------|------------------|
| 4 | 2 | 800 | 6 | 15/8 | 10 1/2 | 78NG04201 |
| 5 | 2 | 1000 | 7 1/4 | 2 | 11 | 78NG05201 |
| 6 | 2 | 1200 | 8 | 2 | 12 | 78NG06201 |
| 8 | 2 | 1400 | 10 1/2 | 2 | 13 1/4 | 78NG08201 |

Prevenz™ antimicrobial models available. Add PREV to end of model.

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 78NG04229.

NG

Maxim® NR Noise Reduction (01 Roller Bearing)*

NEW MODEL!



| | | | | | | |
|---|---|------|--------|------|--------|------------------|
| 4 | 2 | 800 | 6 | 15/8 | 10 1/2 | 78NR04201 |
| 5 | 2 | 1000 | 7 1/4 | 2 | 11 | 78NR05201 |
| 6 | 2 | 1200 | 8 | 2 | 12 | 78NR06201 |
| 8 | 2 | 1400 | 10 1/2 | 2 | 13 1/4 | 78NR08201 |

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 78NR04229.

NR

Trionix™ High Impact Polymer (28 Precision Ball Bearing)



| | | | | | | |
|---|---|------|--------|---|--------|------------------|
| 8 | 2 | 1750 | 10 1/2 | 2 | 12 1/2 | 78NY08228 |
|---|---|------|--------|---|--------|------------------|

NY

Trionix™ NX High Impact Polymer (Precision Ball Bearings) NEW MODEL!



| | | | | | | |
|---|-------|------|--------|------|--------|------------------|
| 4 | 2 | 2000 | 6 | 15/8 | 12 | 78NX04228 |
| 5 | 2 | 2000 | 7 1/4 | 2 | 12 | 78NX05228 |
| 6 | 2 | 2000 | 8 | 2 | 15 | 78NX06228 |
| 6 | 2 1/2 | 2000 | 8 | 2 | 15 | 78NX06428 |
| 8 | 2 | 2000 | 10 1/2 | 2 | 17 1/4 | 78NX08228 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 | 17 1/4 | 78NX08428 |

NX

Cast Iron (01, 07 Roller Bearing)



| | | | | | | |
|---|-------|------|--------|------|--------|------------------|
| 4 | 2 | 1000 | 6 | 15/8 | 12 1/4 | 78CA04201 |
| 5 | 2 | 1300 | 7 1/4 | 2 | 13 1/2 | 78CA05201 |
| 6 | 2 | 1400 | 8 | 2 | 15 1/2 | 78CA06201 |
| 6 | 2 1/2 | 1600 | 8 | 2 | 16 3/4 | 78CA06407 |
| 8 | 2 | 1800 | 10 1/2 | 2 | 17 3/4 | 78CA08201 |
| 8 | 2 1/2 | 1800 | 10 1/2 | 2 | 19 1/2 | 78CA08407 |

CA

Heavy Duty Cast Iron (01 Roller Bearing)



| | | | | | | |
|---|---|------|--------|---|--------|------------------|
| 5 | 2 | 1500 | 7 1/4 | 2 | 13 3/4 | 78CH05201 |
| 6 | 2 | 1700 | 8 | 2 | 15 1/2 | 78CH06201 |
| 8 | 2 | 1800 | 10 1/2 | 2 | 17 1/4 | 78CH08201 |

CH

Dropped Forged Steel (01 Roller Bearing)

| | | | | | | |
|---|-------|------|-------|------|-------|------------------|
| 4 | 1 1/2 | 1400 | 6 | 15/8 | 9 1/4 | 78FS04101 |
| 5 | 1 3/4 | 1500 | 7 1/4 | 2 | 12 | 78FS05201 |
| 6 | 2 | 1500 | 8 | 2 | 13 | 78FS06201 |

Dropped Forged Steel (09 Tapered Roller Bearing)



| | | | | | | |
|---|-------|------|-------|---|----|------------------|
| 5 | 1 3/4 | 1800 | 7 1/4 | 2 | 12 | 78FS05209 |
| 6 | 2 | 2000 | 8 | 2 | 13 | 78FS06209 |

FS

Ductile Iron Crowned Tread (01 Roller Bearing)

NEW MODEL!



| | | | | | | |
|---|---|------|--------|---|--------|------------------|
| 5 | 2 | 1500 | 7 1/4 | 2 | 14 | 78FR05201 |
| 6 | 2 | 1700 | 8 | 2 | 15 1/2 | 78FR06201 |
| 8 | 2 | 1800 | 10 1/2 | 2 | 17 1/4 | 78FR08201 |

*Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 78FR05209).

For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 78FR05401).

FR, FM

Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 78FM05201.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



81

Heavy Duty Casters

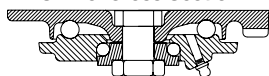


The 81 series is drop forged and recommended for the heaviest manually moved loads or for medium duty power drawn equipment. Consult factory for all power drawn applications.

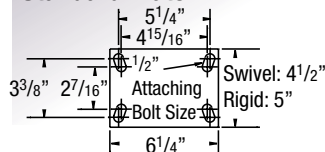
TYPICAL APPLICATIONS

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

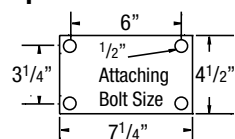
Swivel Cross Section



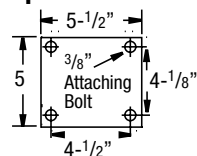
MOUNTING PLATE Standard Plate



Optional W Plate



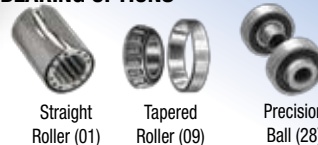
Optional D Plate



FEATURES

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing coined "deep-groove" load and machined component thrust raceways
- **Legs:** 3/8" steel, engineered to increase strength and welded construction
- **King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- **Axle:** 3/4" diameter, hollow, with lock nut.
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- Neoprene **Sealed swivel** section specify **NS81**

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB81**. **Double Sided** specify **DSB81**

Face Contact
specify **F**



Wrap Around
specify **WB81**

New! Face Brake
specify **FBB**

Welded Swivel Lock
specify **L**

Hand Operated Detachable Swivel Lock
specify **SL810000**
(Yokes must be notched)

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rat. for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 700 | 7 5/8 | 3 | 20 1/2 | 81MR06401 |
| 6 | 3 | 750 | 7 5/8 | 3 | 21 3/4 | 81MR06501 |
| 8 | 2 1/2 | 850 | 10 1/8 | 3 | 20 1/4 | 81MR08401 |
| 8 | 3 | 900 | 10 1/8 | 3 | 22 1/4 | 81MR08501 |
| 10 | 2 1/2 | 950 | 11 1/2 | 3 1/2 | 24 1/2 | 81MR10401 |
| 10 | 3 | 1000 | 11 1/2 | 3 1/2 | 25 1/4 | 81MR10501 |
| 12 | 3 | 1200 | 13 1/2 | 3 | 30 3/4 | 81MR12501 |

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | | |
|----|-------|-----|--------|-------|--------|------------------|
| 10 | 2 1/2 | 850 | 11 1/2 | 3 1/2 | 14 1/2 | 81XR10401 |
|----|-------|-----|--------|-------|--------|------------------|

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 81XS10428

Polyurethane on Aluminum (01 Roller Bearing)

| | | | | | | |
|---|-------|------|-------|---|----|------------------|
| 4 | 3 1/4 | 1200 | 5 1/2 | 2 | 15 | 81PA04501 |
|---|-------|------|-------|---|----|------------------|

Polyurethane on Aluminum (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------------------------------|
| 8 | 2 1/2 | 2000 | 10 1/8 | 3 | 20 1/4 | NEW MODEL! 81PD08401 |
| 8 | 3 | 2000 | 10 1/8 | 3 | 20 1/4 | 81PD08501 |
| 10 | 2 1/2 | 2000 | 11 1/2 | 3 1/2 | 24 1/2 | 81PD10401 |
| 10 | 3 | 2000 | 11 1/2 | 3 1/2 | 24 1/2 | 81PD10501 |

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | |
|-------|-------|------|--------|-------|--------|------------------|
| 3 1/4 | 3 1/4 | 850 | 5 1/8 | 2 | 12 | 81PY03501 |
| 5 | 2 1/2 | 1290 | 6 1/2 | 2 1/4 | 15 | 81PY05401 |
| 6 | 2 1/2 | 1620 | 7 5/8 | 1 1/2 | 20 1/2 | 81PY06401 |
| 6 | 3 | 2000 | 7 5/8 | 1 1/2 | 26 | 81PY06501 |
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 22 1/2 | 81PY08401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 22 1/4 | 81PY08501 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81PY10501 |
| 12 | 2 1/2 | 2000 | 13 1/2 | 3 | 31 1/2 | 81PY12401 |
| 12 | 3 | 2000 | 13 1/2 | 3 | 40 | 81PY12501 |

Prevenz™ antimicrobial models available. Add PREV to end of model.

Polyurethane on Iron (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------------------------------|
| 6 | 2 1/2 | 1600 | 7 5/8 | 1 1/2 | 20 1/2 | NEW MODEL! 81PI06401 |
| 6 | 3 | 2000 | 7 5/8 | 1 1/2 | 26 | 81PI06501 |
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 22 1/2 | 81PI08401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 22 1/4 | 81PI08501 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81PI10501 |
| 12 | 2 1/2 | 2000 | 13 1/2 | 3 | 31 1/2 | 81PI12401 |
| 12 | 3 | 2000 | 13 1/2 | 3 | 40 | 81PI12501 |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

Thick Tread Polyurethane (01 Roller Bearing)

| | | | | | | |
|----|---|------|-------|------|-------|------------------|
| 6 | 3 | 2000 | 75/8 | 11/2 | 26 | 81PX06501 |
| 8 | 3 | 2000 | 101/8 | 21/4 | 221/4 | 81PX08501 |
| 10 | 3 | 2000 | 111/2 | 21/2 | 31 | 81PX10501 |
| 12 | 3 | 2000 | 131/2 | 3 | 40 | 81PX12501 |

PX Prevenz™ antimicrobial models available. Add PREV to end of model.

Vulkollan on Cast Iron (09 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2000 | 75/8 | 11/2 | 20 1/2 | 81VY06409 |
| 8 | 3 | 2000 | 75/8 | 11/2 | 26 | 81VY06509 |
| 6 | 2 1/2 | 2000 | 101/8 | 21/4 | 22 1/2 | 81VY08409 |
| 8 | 3 | 2000 | 101/8 | 21/4 | 22 1/4 | 81VY08509 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81VY10509 |

VY *Roller (01) and Precision Ball (28) Bearings available.
Change "09" to bearing code. Roller example: 81VY06401

Vulkollan Thick Tread Polyurethane (09 Roller Bearing)*

| | | | | | | |
|----|---|------|--------|-------|--------|------------------|
| 6 | 3 | 2000 | 75/8 | 11/2 | 26 | 81VX06509 |
| 8 | 3 | 2000 | 101/8 | 21/4 | 22 1/4 | 81VX08509 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81VX10509 |

VX *Roller (01) and Precision Ball (28) Bearings available.
Change "09" to bearing code. Roller example: 81VX06401

X-treme Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 22 1/2 | 81XP08401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 22 1/4 | 81XP08501 |
| 10 | 2 1/2 | 2000 | 11 1/2 | 2 1/2 | 24 1/2 | 81XP10401 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 31 | 81XP10501 |

XP Prevenz™ antimicrobial models available. Add PREV to end of model.
*Precision Ball (28) Bearings available.
Change "01" to bearing code. Example: 81XP06428

Phenolic (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 1600 | 75/8 | 11/2 | 14 1/4 | 81TM06401 |
| 6 | 3 | 2000 | 75/8 | 11/2 | 14 3/4 | 81TM06501 |
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 16 3/4 | 81TM08401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 17 3/4 | 81TM08501 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 20 1/2 | 81TM10501 |
| 12 | 3 | 2000 | 13 1/2 | 3 | 22 1/2 | 81TM12501 |

TM

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|----|---|------|--------|-------|--------|------------------|
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 20 1/2 | 81NY10528 |
|----|---|------|--------|-------|--------|------------------|

NY

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2000 | 75/8 | 11/2 | 15 | 81NX06428 |
| 6 | 3 | 2000 | 75/8 | 11/2 | 16 | 81NX06528 |
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 17 | 81NX08428 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 18 | 81NX08528 |
| 10 | 2 1/2 | 2000 | 11 1/2 | 3 1/2 | 19 3/4 | 81NX10428 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 21 | 81NX10528 |

NX

Cast Iron (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 4 | 3 | 2000 | 5 1/2 | 2 | 17 3/4 | 81CA04501 |
| 5 | 2 1/2 | 2000 | 6 1/2 | 2 1/4 | 19 1/2 | 81CA05401 |
| 6 | 2 1/2 | 2000 | 7 5/8 | 1 1/2 | 20 1/4 | 81CA06401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 26 1/2 | 81CA08501 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 27 1/2 | 81CA10501 |

CA

Drop Forged Steel (01 Roller Bearing)

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2000 | 75/8 | 11/2 | 21 3/4 | 81FS06401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 26 1/2 | 81FS08501 |

FS

V-Grooved Cast Iron (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2000 | 75/8 | 11/2 | 20 1/4 | 81VG06401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 26 1/2 | 81VG08501 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 27 1/2 | 81VG10501 |

VG

Ductile Iron Crowned Tread (01 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2000 | 75/8 | 11/2 | 20 1/4 | 81FR06401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 26 1/2 | 81FR08501 |
| 10 | 3 | 2000 | 11 1/2 | 2 1/2 | 27 1/2 | 81FR10501 |

FR, FM *Straight Roller (01) and Precision Ball (28) available.
(Tapered Roller example: 81FR06409).
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 81FM06401.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of model number.



84

Heavy Duty Casters

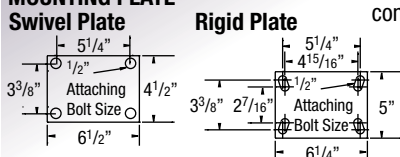


These precision engineered casters are designed for constant swiveling or for service where shock and impact loads might damage less rugged casters.

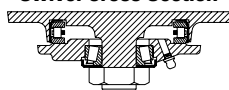
TYPICAL APPLICATIONS

- Conveyor Operations
- Heavy Fixtures
- Drag Line Operations
- Die Trucks
- Automotive

MOUNTING PLATE



Swivel Cross Section



FEATURES

- **Top Plate Yoke Base:** Precision machined from AISI 1045 drop forged steel for maximum reliability
- **Swivel Load Bearing:** 4" diameter precision tapered roller bearing. The forged top plate skirt affords additional labyrinth seal to keep out dirt and contaminants
- **Component Thrust Bearing:** 1" tapered roller bearing for increased capacity for towed applications
- **Legs:** 3/8" steel plate formed to increase strength
- **Swivel Yoke:** Reinforced at top with heavy vertical gusset to strengthen yoke base
- **King bolt:** Integrally forged with top plate. Machined and threaded.
- **Axle:** 3/4" diameter hollow axle with lock nut
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB84**. **Double Sided** specify **DSB84**



Face Contact
specify **F**



Wrap Around
specify **WB84**



NEW! Face Brake
specify **FBB**



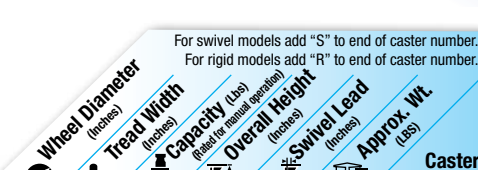
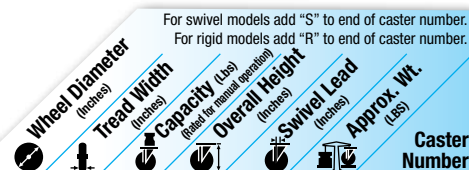
Welded Swivel Lock
specify **L**



Hand operated field installable **Swivel Lock**
specify **SL810000**
(Yokes must be notched)



BEARING OPTIONS



Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | | | |
|----|---|---|-----|--------|-------|--------|------------------|
| MR | 6 | 3 | 750 | 8 1/2 | 1 5/8 | 21 | 84MR06501 |
| | 8 | 3 | 900 | 10 1/2 | 1 5/8 | 23 3/4 | 84MR08501 |

Polyurethane on Aluminum (01 Roller Bearing)

| | | | | | | | |
|----|---|-------|------|--------|-------|--------|------------------|
| PD | 8 | 2 1/2 | 2010 | 10 1/2 | 1 5/8 | 24 1/4 | 84PD08401 |
| | 8 | 3 | 3000 | 10 1/2 | 1 5/8 | 24 1/4 | 84PD08501 |

NEW MODEL!

Polyurethane on Cast Iron (01 Roller Bearing)*

| | | | | | | | |
|----|---|-------|------|--------|-------|--------|------------------|
| PY | 5 | 3 | 1530 | 8 | 1 5/8 | 21 1/2 | 84PY05501 |
| | 6 | 2 1/2 | 1620 | 8 1/2 | 1 5/8 | 22 1/4 | 84PY06401 |
| | 6 | 3 | 2040 | 8 1/2 | 1 5/8 | 24 | 84PY06501 |
| | 8 | 2 1/2 | 2010 | 10 1/2 | 1 5/8 | 24 1/4 | 84PY08401 |
| | 8 | 3 | 2520 | 10 1/2 | 1 5/8 | 28 | 84PY08501 |

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 84PY05509
Prevenz™ antimicrobial models available. Add PREV to end of model.

Thick Tread Polyurethane (01 Roller Bearing)*

| | | | | | | | |
|----|---|-------|------|--------|-------|--------|------------------|
| PX | 6 | 2 1/2 | 1620 | 8 1/2 | 1 5/8 | 22 | 84PX06401 |
| | 6 | 3 | 2040 | 8 1/2 | 1 5/8 | 23 1/2 | 84PX06501 |
| | 8 | 2 1/2 | 2010 | 10 1/2 | 1 5/8 | 26 | 84PX08401 |
| | 8 | 3 | 2520 | 10 1/2 | 1 5/8 | 28 | 84PX08501 |

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 84PX05509
Prevenz™ antimicrobial models available. Add PREV to end of model.

Vulkollan on Cast Iron (01 Roller Bearing)*

| | | | | | | | |
|----|---|-------|------|--------|-------|--------|------------------|
| VY | 6 | 2 1/2 | 2350 | 8 1/2 | 1 5/8 | 22 1/4 | 84VY06401 |
| | 6 | 3 | 3000 | 8 1/2 | 1 5/8 | 24 | 84VY06501 |
| | 8 | 2 1/2 | 2900 | 10 1/2 | 1 5/8 | 24 1/4 | 84VY08401 |
| | 8 | 3 | 3500 | 10 1/2 | 1 5/8 | 28 | 84VY08501 |

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 84VY06409

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | | | |
|----|---|-------|------|--------|-------|--------|------------------|
| PI | 6 | 2 1/2 | 1600 | 8 1/2 | 1 5/8 | 22 1/4 | 84PI06401 |
| | 6 | 3 | 2000 | 8 1/2 | 1 5/8 | 24 | 84PI06501 |
| | 8 | 2 1/2 | 2000 | 10 1/2 | 1 5/8 | 24 1/4 | 84PI08401 |
| | 8 | 3 | 2500 | 10 1/2 | 1 5/8 | 28 | 84PI08501 |

NEW MODEL!

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Vulkollan Thick Tread (01 Roller Bearing)* **NEW MODEL!**

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2350 | 8 1/2 | 1 5/8 | 23/4 | 84VX06401 |
| 6 | 3 | 3000 | 8 1/2 | 1 5/8 | 25 | 84VX06501 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 1 5/8 | 25 1/4 | 84VX08401 |
| 8 | 3 | 3500 | 10 1/2 | 1 5/8 | 29 | 84VX08501 |

VX

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 84VX06409

Cast Iron (01 Roller Bearing)*

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 5 | 2 1/2 | 2300 | 8 | 1 5/8 | 20 1/2 | 84CA05401 |
| 6 | 2 1/2 | 2300 | 8 1/2 | 1 5/8 | 21 3/4 | 84CA06401 |
| 6 | 3 | 2300 | 8 1/2 | 1 5/8 | 23 1/4 | 84CA06501 |
| 8 | 2 1/2 | 2300 | 10 1/2 | 1 5/8 | 26 1/4 | 84CA08401 |
| 8 | 3 | 2800 | 10 1/2 | 1 5/8 | 28 | 84CA08501 |

CA

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 84CA05409

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

| | | | | | | |
|---|-------|------|--------|-------|----|------------------|
| 8 | 2 1/2 | 2000 | 10 1/2 | 1 5/8 | 17 | 84XP08428 |
| 8 | 3 | 2000 | 10 1/2 | 1 5/8 | 18 | 84XP08528 |

XP

Prevenz™ antimicrobial models available. Add PREV to end of model.

Drop Forged Steel (01 Roller Bearings)*

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 3500 | 8 1/2 | 1 5/8 | 23 1/4 | 84FS06401 |
| 8 | 2 1/2 | 3500 | 10 1/2 | 1 5/8 | 30 | 84FS08401 |
| 8 | 3 | 3500 | 10 1/2 | 1 5/8 | 30 1/2 | 84FS08501 |

FS

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 84PY06409

Phenolic (01 Roller Bearing)

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 1600 | 8 1/2 | 1 5/8 | 13 1/4 | 84TM06401 |
| 6 | 3 | 2000 | 8 1/2 | 1 5/8 | 14 1/4 | 84TM06501 |
| 7 | 3 | 2200 | 10 | 1 5/8 | 18 1/2 | 84TM07501 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 1 5/8 | 16 | 84TM08401 |
| 8 | 3 | 2500 | 10 1/2 | 1 5/8 | 17 | 84TM08501 |

TM

V-Grooved Cast Iron (01 Roller Bearings)*

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2500 | 8 1/2 | 1 5/8 | 21 | 84VG06401 |
| 8 | 2 1/2 | 2500 | 10 1/2 | 1 5/8 | 25 | 84VG08401 |
| 8 | 3 | 2500 | 10 1/2 | 1 5/8 | 26 1/2 | 84VG08501 |

VG

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 84VG06409

Laminated Phenolic (01 Roller Bearing)

| | | | | | | |
|---|---|------|--------|-------|--------|------------------|
| 6 | 3 | 2000 | 8 1/2 | 1 5/8 | 16 1/2 | 84TL06501 |
| 7 | 3 | 2200 | 10 | 1 5/8 | 18 1/2 | 84TL07501 |
| 8 | 3 | 2500 | 10 1/2 | 1 5/8 | 19 1/2 | 84TL08501 |

TL

Ductile Iron Crowned Tread (01 Roller Bearing)* **NEW MODEL!**

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 3500 | 8 1/2 | 1 5/8 | 22 | 84FR06401 |
| 6 | 3 | 3500 | 8 1/2 | 1 5/8 | 23 1/4 | 84FR06501 |
| 8 | 3 | 3500 | 10 1/2 | 1 5/8 | 28 | 84FR08501 |

FR, FM

*Straight Roller (01) and Precision Ball (28) available.
(Tapered Roller example: 84FR06409).
Ductile Iron Flat Tread (**FM**) and V-Groove (**VM**) models available.
Change **FR** wheel code to **FM** or **VM**. Example: 84FM06401.

Trionix™ High Impact Polymer (28 Precision Ball Bearing) **NEW MODEL!**

| | | | | | | |
|---|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 3500 | 8 1/2 | 1 5/8 | 14 1/4 | 84NX06428 |
| 6 | 3 | 3500 | 8 1/2 | 1 5/8 | 15 | 84NX06528 |
| 8 | 2 1/2 | 3500 | 10 1/2 | 1 5/8 | 16 1/2 | 84NX08428 |
| 8 | 3 | 3500 | 10 1/2 | 1 5/8 | 17 1/2 | 84NX08528 |

NX



POLYURETHANE EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

90

Heavy Duty Casters



Our 90 series is made from AISI 1045 drop forged steel and is highly recommended for rugged applications.

TYPICAL APPLICATIONS

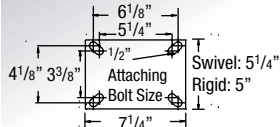
- Heavy duty power drawn equipment
- High capacity die tables
- Portable work benches
- Machinery dollies
- Heavy production fixtures or jigs
- Corrugated steel box trucks
- Heavy portable storage racks

Swivel Cross Section

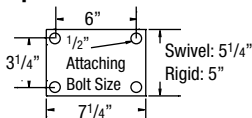


MOUNTING PLATE

Standard Plate



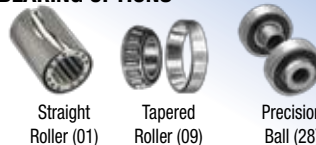
Optional W Plate



FEATURES

- **Swivel Top Plate:** AISI 1045 drop forged steel, for strength and reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway for extended service life
- **Swivel Load Bearing:** 4" diameter deep-grooved load raceway with 1/2" steel balls for better load distribution. The thrust race is 2-5/8" diameter using 3/8" diameter steel balls for increased capacity
- **Legs:** 3/8" steel plate welded inside and out for added strength
- **King Bolt:** 1" diameter bolt heat treated for extended service
- **Axle:** 3/4" and 1" hollow axles are used for wheel bearing lubrication
- **Lubrication:** Zerk fitting in yoke base and in wheel hub or recessed in head of hollow axle
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Sealed swivel** section specify **NS90**
- **Heat treated raceway** specify **HT03**

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB90**. **Double Sided** specify **DSB90**

Face Contact
specify **F**



Wrap Around
specify **WB90**



Face Brake
specify **FBB**
3" tread width only



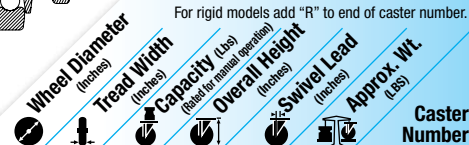
Welded Swivel Lock
specify **L**



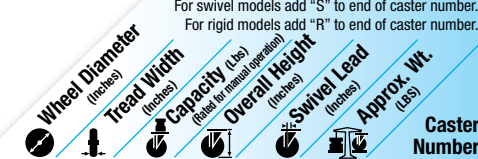
Hand operated field installable **Swivel Lock**
specify **SL900000**
(Yokes must be notched)



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Moldon Rubber on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 3 | 750 | 8 | 3 | 23 3/4 | 90MR06501 |
| 8 | 2 1/2 | 850 | 10 1/2 | 3 | 27 1/4 | 90MR08401 |
| 8 | 3 | 900 | 10 1/2 | 3 | 27 1/4 | 90MR08501 |
| 10 | 3 | 1000 | 12 1/2 | 3 1/2 | 30 1/2 | 90MR10501 |
| 10 | 4* | 1400 | 12 1/2 | 3 1/2 | 44 1/2 | 90MR10701 |
| 12 | 3 | 1200 | 15 1/2 | 3 | 36 1/4 | 90MR12501 |

*10" x 4" model has solid axle, all others hollow axle.

* (09) Tapered Roller Bearings available.

Change "01" to bearing code. Roller example: 90MR06509

MR

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing) NEW MODEL!

| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 10 | 3 | 1800 | 12 1/2 | 3 | 30 1/2 | 90MH10501 |
|----|---|------|--------|---|--------|------------------|

MH

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | | |
|----|-------|-----|--------|-------|--------|------------------|
| 10 | 2 1/2 | 850 | 12 1/2 | 3 1/2 | 19 1/4 | 90XR10401 |
|----|-------|-----|--------|-------|--------|------------------|

Prevenz™ antimicrobial models available. Add PREV to end of model.

*Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 90XR10428

XR

Polyurethane on Aluminum (01 Roller Bearing)

| | | | | | | |
|---|-------|------|---|---|--------|-------------------|
| 4 | 3 1/4 | 1200 | 6 | 2 | 17 1/4 | 90PA04501 |
| 4 | 4 | 1600 | 6 | 2 | 20 1/2 | 90PA04701* |

PA

1" solid axle.

Polyurethane on Aluminum (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 8 | 2 1/2 | 2010 | 10 1/2 | 2 1/2 | 21 1/2 | 90PD08401 |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 22 1/2 | 90PD08501 |
| 10 | 2 1/2 | 2370 | 12 1/2 | 3 1/2 | 24 | 90PD10401 |
| 10 | 3 | 3000 | 12 1/2 | 3 1/2 | 25 | 90PD10501 |

PD

NEW MODEL!

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 1600 | 8 | 2 1/4 | 20 | 90PI06409 |
| 6 | 3 | 2000 | 8 | 2 1/4 | 21 | 90PI06509 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 22 | 90PI08409 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 24 1/4 | 90PI08509 |
| 10 | 2 1/2 | 2200 | 12 1/2 | 2 1/2 | 25 1/2 | 90PI10409 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 28 | 90PI10509 |
| 12 | 2 1/2 | 2500 | 15 1/2 | 2 1/2 | 35 | 90PI12409 |
| 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 38 | 90PI12509 |

PI

*Roller (01) bearings available. Change "01" to other bearing code.

Example: 90PI06501

90 SERIES • CAPACITY TO 3500

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Ratings for manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Ratings for manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|

Polyurethane on Cast Iron (01 Roller Bearing, 09 Tapered Roller Bearing)

| | | | | | | |
|-------|-------|------|--------|-------|--------|------------------|
| 3 1/4 | 4 1/4 | 1100 | 5 5/8 | 2 | 17 1/2 | 90PY03709 |
| 5 | 3 | 1530 | 7 | 2 1/2 | 23 | 90PY05501 |
| 6 | 2 1/2 | 1620 | 8 | 2 1/4 | 25 | 90PY06401 |
| 6 | 3 | 2040 | 8 | 2 1/4 | 26 3/4 | 90PY06501 |
| 8 | 2 1/2 | 2010 | 10 1/2 | 2 1/2 | 27 3/4 | 90PY08401 |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 31 | 90PY08501 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 35 3/4 | 90PY10501 |
| 12 | 3 | 3420 | 15 1/2 | 2 1/2 | 44 1/4 | 90PY12501 |

PY Prevenz™ antimicrobial models available. Add PREV to end of model.

Thick Tread Polyurethane (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 3 | 2040 | 8 | 2 1/4 | 27 | 90PX06509 |
| 8 | 2 1/2 | 2010 | 10 1/2 | 2 1/2 | 27 | 90PX08409 |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 31 1/2 | 90PX08509 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 36 | 90PX10509 |
| 12 | 3 | 3420 | 15 1/2 | 2 1/2 | 44 1/2 | 90PX12509 |

PX Prevenz™ antimicrobial models available. Add PREV to end of model.

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2350 | 8 | 2 1/4 | 25 | 90VY06409 |
| 6 | 3 | 3000 | 8 | 2 1/4 | 26 3/4 | 90VY06509 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 2 1/2 | 27 3/4 | 90VY08409 |
| 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 31 | 90VY08509 |
| 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 35 3/4 | 90VY10509 |

YY *Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 90VY06528

Thick Tread Vulkollan (09 Tapered Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 3 | 3000 | 8 | 2 1/4 | 27 | 90VX06509 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 2 1/2 | 27 | 90VX08409 |
| 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 31 1/2 | 90VX08509 |
| 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 36 | 90VX10509 |

VX *Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 90VX06528

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 22 1/2 | 90XP08428 |
| 8 | 3 | 2000 | 10 1/2 | 2 1/2 | 22 1/4 | 90XP08528 |
| 10 | 2 1/2 | 2500 | 12 1/2 | 2 1/2 | 24 1/2 | 90XP10428 |
| 10 | 3 | 2500 | 12 1/2 | 2 1/2 | 31 | 90XP10528 |

XP Prevenz™ antimicrobial models available. Add PREV to end of caster number.

Phenolic (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 1600 | 8 | 2 1/4 | 18 3/4 | 90TM06401 |
| 6 | 3 | 2000 | 8 | 2 1/4 | 19 1/4 | 90TM06501 |
| 7 | 3 | 2200 | 9 | 2 1/2 | 21 1/2 | 90TM07501 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 21 1/4 | 90TM08401 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 22 1/4 | 90TM08501 |
| 10 | 3 | 2900 | 12 1/2 | 2 1/2 | 25 1/4 | 90TM10501 |
| 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 29 1/4 | 90TM12501 |

TM

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|----|---|------|--------|-------|--------|------------------|
| 10 | 3 | 2500 | 12 1/2 | 2 1/2 | 25 1/4 | 90NY10528 |
|----|---|------|--------|-------|--------|------------------|

NY

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 3500 | 8 | 2 1/4 | 20 1/2 | 90NX06428 |
| 6 | 3 | 3500 | 8 | 2 1/4 | 21 1/2 | 90NX06528 |
| 8 | 2 1/2 | 3500 | 10 1/2 | 2 1/2 | 23 3/4 | 90NX08428 |
| 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 24 1/2 | 90NX08528 |
| 10 | 2 1/2 | 3500 | 12 1/2 | 3 1/2 | 26 1/2 | 90NX10428 |
| 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 28 | 90NX10528 |

NX

Cast Iron (01 Roller Bearing, 09 Tapered Roller Bearing)

| | | | | | | |
|-------|-------|------|--------|-------|--------|------------------|
| 3 1/4 | 4 | 2000 | 5 5/8 | 2 | 21 | 90CA03709 |
| 4 | 3 | 2000 | 6 | 2 | 21 3/4 | 90CA04501 |
| 4 | 4 | 3500 | 6 | 2 | 27 1/4 | 90CA04701 |
| 5 | 2 1/2 | 2000 | 7 | 2 1/2 | 24 | 90CA05401 |
| 6 | 3 | 2800 | 8 | 2 1/4 | 26 | 90CA06501 |
| 8 | 3 | 2800 | 10 1/2 | 2 1/2 | 26 3/4 | 90CA08501 |
| 10 | 3 | 2800 | 12 1/2 | 2 1/2 | 32 1/2 | 90CA10501 |
| 12 | 3 | 2800 | 15 1/2 | 2 1/2 | 38 1/2 | 90CA12501 |

CA

Drop Forged Steel (01 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 3500 | 8 | 2 1/4 | 26 | 90FS06401 |
| 8 | 2 1/2 | 3500 | 10 1/2 | 2 1/2 | 21 3/4 | 90FS08401 |
| 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 33 1/4 | 90FS08501 |
| 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 43 1/4 | 90FS10501 |

FS

V-Groove Cast Iron (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 2500 | 8 | 2 1/4 | 26 1/4 | 90VG06401 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 31 1/4 | 90VG08501 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 42 1/2 | 90VG10501 |

VG

Ductile Iron Crowned Tread (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|------------------|
| 6 | 2 1/2 | 3500 | 8 | 2 1/4 | 26 | 90FR06401 |
| 6 | 3 | 3500 | 8 | 2 1/4 | 26 | 90FR06501 |
| 8 | 3 | 3500 | 10 1/2 | 2 1/2 | 26 3/4 | 90FR08501 |
| 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 32 1/2 | 90FR10501 |

*Straight Roller (01) and Precision Ball (28) available.
(Tapered Roller example: 90FR08409).

FR, FM, VM Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 90FM08401.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of model number.



92

Heavy Duty Casters

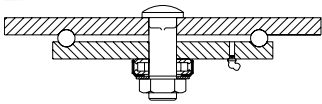


92 Series Casters are designed specifically for power drawn trailers allowing for ease of operation even on poor floor or surface conditions.

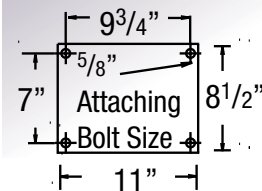
TYPICAL APPLICATIONS

- Heavy duty trash dumpsters
- Trailer frames
- Automotive plants

Swivel Cross Section



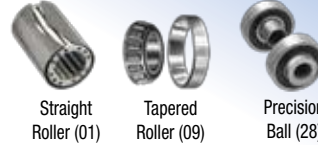
MOUNTING PLATE



FEATURES

- **Top Plate and Yoke Base:** 5/8" thick 1045 AISI steel plate for superior strength
- **Swivel Raceways:** 7" diameter precision machined load raceway with 5/8" steel and tapered roller thrust bearing for easy swiveling
- **King Bolt:** 1" diameter bolt and nut heat treated for added strength
- **Legs:** 3/8" x 4" formed steel plate welded inside and out for maximum load capacity
- **Lubrication:** Zerk fitting in swivel section and wheel hub for ease of lubrication
- **Axle:** 3/4" hollow axle with recessed zerk for lubrication
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Flush King Bolt** specify **KB03**

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB92**. **Double Sided** specify **DSB92**



Face Contact
specify **F**



Wrap Around
specify **WB92**



Welded Swivel Lock
specify **L**



Hand operated field installable Swivel Lock
specify **SL920000**
(Yokes must be notched)



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|---------------------------------|--|--------------------------------|-------------------------------|--------------------------------|---------------|
| 8 | 3 | 900 | 11 | 3 | 48 | 92MR08501 |
| 10 | 3 | 1000 | 12 ⁷ / ₈ | 3 | 50 ¹ / ₂ | 92MR10501 |
| 10 | 4* | 1400 | 12 ⁷ / ₈ | 3 ¹ / ₂ | 63 ³ / ₄ | 92MR10701 |
| 12 | 3 | 1200 | 14 ⁷ / ₈ | 3 ¹ / ₂ | 56 ¹ / ₄ | 92MR12501 |
| 12 | 3 ¹ / ₂ * | 1500 | 14 ⁷ / ₈ | 4 | 63 | 92MR12601 |
| 12 | 4* | 1600 | 14 ⁷ / ₈ | 4 | 68 ¹ / ₂ | 92MR12701 |

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | | |
|----|---------------------------------|------|--------------------------------|-------------------------------|--------------------------------|-----------|
| 8 | 3 | 900 | 11 | 3 | 48 | 92MR08501 |
| 10 | 3 | 1000 | 12 ⁷ / ₈ | 3 | 50 ¹ / ₂ | 92MR10501 |
| 10 | 4* | 1400 | 12 ⁷ / ₈ | 3 ¹ / ₂ | 63 ³ / ₄ | 92MR10701 |
| 12 | 3 | 1200 | 14 ⁷ / ₈ | 3 ¹ / ₂ | 56 ¹ / ₄ | 92MR12501 |
| 12 | 3 ¹ / ₂ * | 1500 | 14 ⁷ / ₈ | 4 | 63 | 92MR12601 |
| 12 | 4* | 1600 | 14 ⁷ / ₈ | 4 | 68 ¹ / ₂ | 92MR12701 |

MR

*3-1/2" and 4" tread width model has solid axle, all others hollow axle.

Polyurethane on Cast Iron (01 Roller Bearing, 09 Tapered Roller Bearing)

| | | | | | | |
|----|---------------------------------|------|--------------------------------|-------------------------------|--------------------------------|-----------|
| 8 | 3 | 2520 | 11 | 3 | 52 ¹ / ₂ | 92PY08501 |
| 10 | 3 | 3140 | 12 ⁷ / ₈ | 3 | 56 ¹ / ₂ | 92PY10501 |
| 10 | 4* | 4200 | 12 ⁷ / ₈ | 3 ¹ / ₂ | 67 ³ / ₄ | 92PY10701 |
| 12 | 3 | 3420 | 14 ⁷ / ₈ | 3 ¹ / ₂ | 65 | 92PY12501 |
| 12 | 3 ¹ / ₂ * | 4110 | 14 ⁷ / ₈ | 3 ¹ / ₂ | 68 ³ / ₄ | 92PY12601 |
| 12 | 4* | 4800 | 14 ⁷ / ₈ | 3 ¹ / ₂ | 71 ¹ / ₂ | 92PY12701 |

PY

Prevenz™ antimicrobial models available. Add PREV to end of model.

*3-1/2" and 4" tread width model has solid axle, all others hollow axle.

Vulkollan on Cast Iron (09 Tapered Roller Bearing)*

NEW MODEL!

| | | | | | | |
|----|---|------|--------------------------------|---|--------------------------------|-----------|
| 8 | 3 | 4000 | 11 | 3 | 52 ¹ / ₂ | 92VY08509 |
| 10 | 3 | 4800 | 12 ⁷ / ₈ | 3 | 56 ¹ / ₂ | 92VY10509 |

VY

*Roller (01) and Precision Ball (28) bearings available. Change "09" to bearing code. Roller example: 92VY08501

Polyurethane on Aluminum (09 Tapered Roller Bearing)*

NEW MODEL!

| | | | | | | |
|----|---|------|--------------------------------|---|--------------------------------|-----------|
| 8 | 3 | 2520 | 11 | 3 | 44 | 92PD08509 |
| 10 | 3 | 3000 | 12 ⁷ / ₈ | 3 | 46 ¹ / ₂ | 92PD10509 |

PD

*Roller (01) bearings available. Change "09" to bearing code. Roller example: 92PD08501

X-treme Plus Solid Polyurethane (28 Precision Bearing)

| | | | | | | |
|----|---|------|--------------------------------|---|----|-----------|
| 8 | 3 | 2000 | 11 | 3 | 45 | 92XP08528 |
| 10 | 3 | 2500 | 12 ⁷ / ₈ | 3 | 48 | 92XP10528 |

XP

Prevenz™ antimicrobial models available. Add PREV to end of model.

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

NEW MODEL!

| | | | | | | |
|----|---|------|--------------------------------|-------------------------------|--------------------------------|-----------|
| 6 | 3 | 2000 | 8 | 2 ¹ / ₄ | 41 | 92PI06509 |
| 8 | 3 | 2500 | 10 ¹ / ₂ | 2 ¹ / ₂ | 43 ³ / ₄ | 92PI08509 |
| 10 | 3 | 3000 | 12 ¹ / ₂ | 2 ¹ / ₂ | 49 ¹ / ₂ | 92PI10509 |
| 12 | 3 | 3500 | 15 ¹ / ₂ | 2 ¹ / ₂ | 60 ¹ / ₂ | 92PI12509 |

PI

*Roller (01) bearings available. Change "01" to other bearing code. Example: 92PI06501

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Model for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number


For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Model for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

Phenolic (01 Roller Bearing)

| | | | | | | |
|----|--------|------|--------|-------|--------|------------------|
| 8 | 3 | 2500 | 11 | 3 | 43 1/4 | 92TM08501 |
| 10 | 3 | 2900 | 12 7/8 | 3 | 46 1/4 | 92TM10501 |
| 12 | 3 | 3500 | 14 7/8 | 3 1/2 | 49 3/4 | 92TM12501 |
| 12 | 3 1/2* | 4000 | 14 7/8 | 3 1/2 | 62 | 92TM12601 |


*3-1/2" and 4" tread width model has solid axle, all others hollow axle.



TM

V-grooved Cast Iron (01 Roller Bearing)


| | | | | | | |
|----|---|------|--------|---|----|------------------|
| 8 | 3 | 2500 | 11 | 3 | 53 | 92VG08501 |
| 10 | 3 | 3000 | 12 7/8 | 3 | 64 | 92VG10501 |



VG

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 10 | 3 | 2500 | 12 7/8 | 3 | 47 3/4 | 92NY10528 |
|----|---|------|--------|---|--------|------------------|




NY

Ductile Iron Crowned Tread (01 Roller Bearing)

| | | | | | | |
|----|---|------|--------|---|----|---------------------------------------|
| 8 | 3 | 3500 | 11 | 3 | 49 | NEW MODEL! 92FR08501 |
| 10 | 3 | 3500 | 12 7/8 | 3 | 55 | 92FR10501 |


*Straight Roller (01) and Precision Ball (28) available.
(Tapered Roller example: 92FR08509).
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 92FM08501.



FR, FM, VM

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) **NEW MODEL!**


| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 8 | 3 | 4800 | 11 | 3 | 43 1/4 | 92NX08528 |
| 10 | 3 | 4800 | 12 7/8 | 3 | 46 | 92NX10528 |



NX

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of model number.




PY Prevenz™ | XP Prevenz™

Cast Iron (01 Roller Bearing)*

| | | | | | | |
|----|---------|------|--------|-------|--------|------------------|
| 8 | 3 | 2800 | 11 | 3 | 48 1/4 | 92CA08501 |
| 10 | 3 | 2800 | 12 7/8 | 3 | 53 1/4 | 92CA10501 |
| 12 | 3 | 2800 | 14 7/8 | 3 1/2 | 59 | 92CA12501 |
| 12 | 3 1/2** | 4000 | 14 7/8 | 3 1/2 | 74 | 92CA12601 |

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 92CA08509
**3-1/2" and 4" tread width model has solid axle, all others hollow axle.




CA

Drop Forged Steel (01 Roller Bearing)*

| | | | | | | |
|----|---|------|--------|---|--------|------------------|
| 8 | 3 | 4000 | 11 | 3 | 54 3/4 | 92FS08501 |
| 10 | 3 | 4800 | 12 7/8 | 3 | 64 1/4 | 92FS10501 |

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 92FS08509



FS

CUSTOM FABRICATION

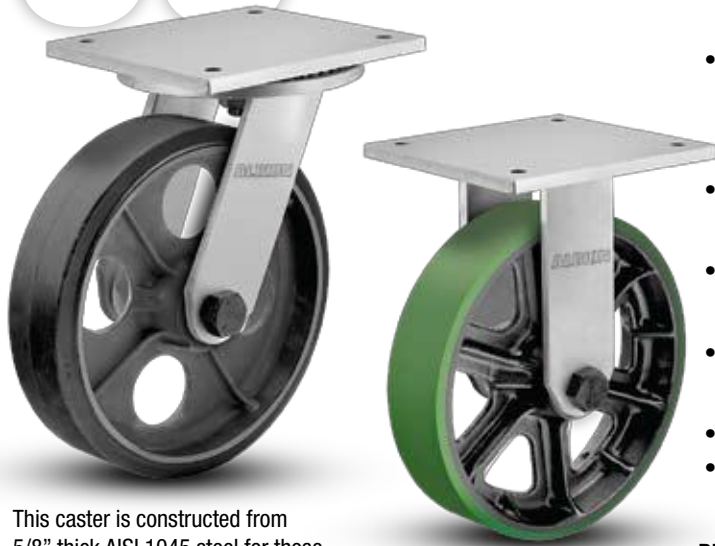
This is not a one-size-fits-all business. In fact, many of our orders require custom fabrication.

If you can't find the right caster for your special application, put the Albion engineering team to work. We will create the perfect solution for your moving problem.



93

Heavy Duty Casters

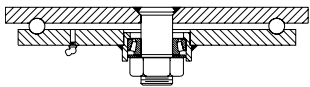


This caster is constructed from 5/8" thick AISI 1045 steel for those rugged applications. Design accommodates wider wheels for ease of use.

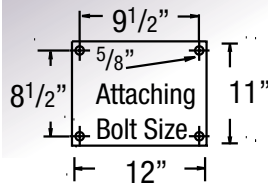
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Workstation
- Aircraft assembly

Swivel Cross Section



MOUNTING PLATE



FEATURES

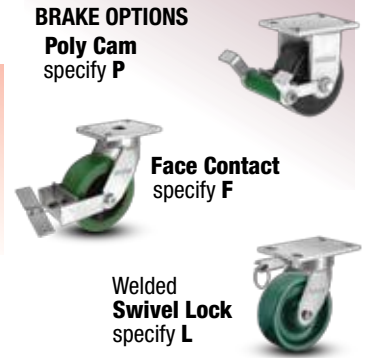
- **Top Plate and Yoke Base:** 5/8" thick 1045 AISI steel plate for superior strength
- **Swivel Raceways:** 7" diameter precision machined load raceway with 5/8" steel balls and a tapered roller thrust bearing for easy swiveling
- **King Bolt:** 1-1/4" diameter bolt and nut heat treated for added strength
- **Legs:** 1/2" formed steel plate welded inside and out for maximum load capacity
- **Lubrication:** Zerk fitting in swivel section and wheel hub for ease of lubrication
- **Axle:** 1-1/4" solid axle
- Alternate or custom caster configurations available

BRAKE OPTIONS

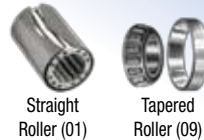
Poly Cam
specify **P**

Face Contact
specify **F**

Welded Swivel Lock
specify **L**



BEARING OPTIONS



Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|----------------|--------------------------------|-------------------------------|---------------------------------|------------------|
| 12 | 4 | 1600 | 15 ³ / ₄ | 4 ¹ / ₂ | 92 ¹ / ₂ | 93MR12709 |
| 16 | 4 | 2000 | 19 | 4 ¹ / ₂ | 111 ³ / ₄ | 93MR16709 |
| 16 | 5 | 2570 | 19 | 4 ¹ / ₂ | 125 | 93MR16809 |
| 18 | 5 | 2800 | 21 | 4 ¹ / ₂ | 149 | 93MR18809 |

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|-------------------------------|----------------|--------------------------------|-------------------------------|---------------------------------|------------------|
| 12 | 3 ¹ / ₂ | 4110 | 15 ³ / ₄ | 4 ¹ / ₂ | 93 ¹ / ₂ | 93PY12609 |
| 12 | 4 | 4800 | 15 ³ / ₄ | 4 ¹ / ₂ | 96 | 93PY12709 |
| 16 | 3 | 4260 | 19 | 4 ¹ / ₂ | 116 ³ / ₄ | 93PY16509 |
| 16 | 4 | 5970 | 19 | 4 ¹ / ₂ | 131 ¹ / ₄ | 93PY16709 |
| 16 | 5 | 7500 | 19 | 4 ¹ / ₂ | 145 ³ / ₄ | 93PY16809 |
| 18 | 5 | 7500 | 21 | 4 ¹ / ₂ | 152 | 93PY18809 |

Prevenz™ antimicrobial models available. Add PREV to end of model.

Thick Tread Polyurethane (09 Tapered Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|----------------|--------------------------------|-------------------------------|-------------------|------------------|
| 12 | 4 | 4800 | 15 ³ / ₄ | 4 ¹ / ₂ | 100 | 93PX12709 |
| 16 | 3 | 4260 | 19 | 4 ¹ / ₂ | 119 | 93PX16509 |
| 16 | 4 | 5970 | 19 | 4 ¹ / ₂ | 134 | 93PX16709 |
| 16 | 5 | 7500 | 19 | 4 ¹ / ₂ | 149 | 93PX16809 |
| 18 | 5 | 7500 | 21 | 4 ¹ / ₂ | 155 | 93PX18809 |

Prevenz™ antimicrobial models available. Add PREV to end of model.

Phenolic (09 Tapered Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|-------------------------------|----------------|--------------------------------|-------------------------------|--------------------------------|------------------|
| 12 | 3 ¹ / ₂ | 4000 | 15 ³ / ₄ | 4 ¹ / ₂ | 79 ¹ / ₂ | 93TM12609 |
| 16 | 3 | 4000 | 19 | 4 ¹ / ₂ | 89 | 93TM16509 |
| 16 | 4 | 7500 | 19 | 4 ¹ / ₂ | 100 | 93TM16709 |

Laminated Phenolic (09 Tapered Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|-------------------------------|----------------|--------------------------------|-------------------------------|--------------------------------|------------------|
| 12 | 3 ¹ / ₂ | 4000 | 15 ³ / ₄ | 4 ¹ / ₂ | 86 ¹ / ₂ | 93TL12609 |
| 16 | 3 | 4000 | 19 | 4 ¹ / ₂ | 88 ³ / ₄ | 93TL16509 |
| 16 | 4 | 7500 | 19 | 4 ¹ / ₂ | 99 ¹ / ₂ | 93TL16709 |

Cast Iron (09 Tapered Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|-------------------------------|----------------|--------------------------------|-------------------------------|---------------------------------|------------------|
| 12 | 3 ¹ / ₂ | 4000 | 15 ³ / ₄ | 4 ¹ / ₂ | 98 ¹ / ₂ | 93CA12609 |
| 16 | 4 | 5300 | 19 | 4 ¹ / ₂ | 129 ³ / ₄ | 93CA16709 |

Ductile Iron (01 Roller Bearing)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|-------------------------------|----------------|--------------------------------|-------------------------------|---------------------------------|------------------|
| 12 | 3 ¹ / ₂ | 6000 | 15 ³ / ₄ | 4 ¹ / ₂ | 103 ¹ / ₂ | 93FM12601 |

94

BBL Super Duty Casters (Ball Load Swivel)

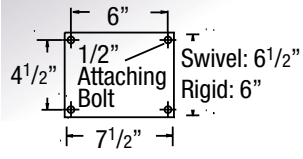


This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

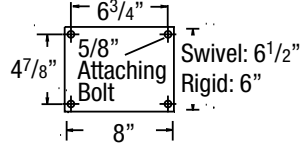
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steelmills
- Aircraft maintenance

MOUNTING PLATE Standard Plate



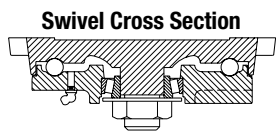
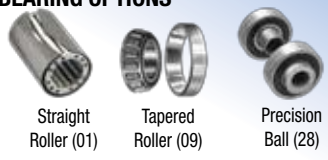
Optional C Plate



FEATURES

- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load:** 5" diameter ball load race with 1/2" steel balls hardened for greater resistance to wear and brinelling. Protected by a forged labyrinth skirt.
- **Thrust Race:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and out to yoke base and rigid top
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for easy lubrication
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Sealed swivel** section specify **NS94**

BRAKE OPTIONS

- **Poly Cam** specify **P**
- **Single Side** specify **SSB94**. **Double Sided** specify **DSB94**
- **Face Contact** specify **F**
- **Wrap Around** specify **WB94**
- **Welded Swivel Lock** specify **L**
- **Hand operated field installable Swivel Lock** specify **SL940000** (Yokes must be notched)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 8 | 3 | 900 | 10 1/2 | 2 1/2 | 36 3/4 | 94MR08509SBBL |
| 10 | 3 | 1000 | 12 1/2 | 2 1/2 | 39 3/4 | 94MR10509SBBL |
| 10 | 4 | 1400 | 12 1/2 | 2 1/2 | 50 3/4 | 94MR10709SBBL |
| 12 | 3 1/2 | 1500 | 15 1/2 | 2 1/2 | 55 3/4 | 94MR12609SBBL |
| 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 63 1/4 | 94MR12709SBBL |

Swivel caster numbers shown, for rigid change SBBL to R

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 8 | 3 | 900 | 10 1/2 | 2 1/2 | 36 3/4 | 94MR08509SBBL |
| 10 | 3 | 1000 | 12 1/2 | 2 1/2 | 39 3/4 | 94MR10509SBBL |
| 10 | 4 | 1400 | 12 1/2 | 2 1/2 | 50 3/4 | 94MR10709SBBL |
| 12 | 3 1/2 | 1500 | 15 1/2 | 2 1/2 | 55 3/4 | 94MR12609SBBL |
| 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 63 1/4 | 94MR12709SBBL |

Swivel caster numbers shown, for rigid change SBBL to R

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 10 | 3 | 1800 | 12 1/2 | 2 1/2 | 39 3/4 | 94MH10509SBBL |

Swivel caster numbers shown, for rigid change SBBL to R

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 6 | 2 1/2 | 1620 | 8 1/2 | 2 1/2 | 36 | 94PY06409SBBL |
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 37 1/4 | 94PY06509SBBL |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 | 94PY08509SBBL |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 48 | 94PY08709SBBL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 45 1/2 | 94PY10509SBBL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PY10709SBBL |
| 12 | 3 1/2 | 4110 | 15 1/2 | 2 1/2 | 57 1/2 | 94PY12609SBBL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PY12709SBBL |

Swivel caster numbers shown, for rigid change SBBL to R

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 6 | 2 1/2 | 1620 | 8 1/2 | 2 1/2 | 36 | 94PY06409SBBL |
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 37 1/4 | 94PY06509SBBL |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 | 94PY08509SBBL |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 48 | 94PY08709SBBL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 45 1/2 | 94PY10509SBBL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PY10709SBBL |
| 12 | 3 1/2 | 4110 | 15 1/2 | 2 1/2 | 57 1/2 | 94PY12609SBBL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PY12709SBBL |

Swivel caster numbers shown, for rigid change SBBL to R

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 6 | 2 1/2 | 1600 | 8 1/2 | 2 1/2 | 34 | 94PI06409SBBL |
| 6 | 3 | 2000 | 8 1/2 | 2 1/2 | 35 1/2 | 94PI06509SBBL |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 34 1/2 | 94PI08409SBBL |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 35 1/2 | 94PI08509SBBL |
| 10 | 2 1/2 | 2200 | 12 1/2 | 2 1/2 | 41 | 94PI10409SBBL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 42 1/2 | 94PI10509SBBL |
| 12 | 2 1/2 | 2500 | 15 1/2 | 2 1/2 | 51 1/2 | 94PI12409SBBL |
| 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 53 | 94PI12509SBBL |

Swivel caster numbers shown, for rigid change SBBL to R

Swivel caster numbers shown, for rigid change SBBL to R

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Swivel caster numbers shown, for rigid change SBBL to R

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on normal operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Polyurethane on Aluminum (09 Tapered Roller Bearing)* NEW MODEL!


| | | | | | | |
|----|---|------|--------|-------|--------|---------------|
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 37 | 94PD08509SBBL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 39 1/2 | 94PD10509SBBL |

PD 

* Roller (01) bearings available. Change "09" to bearing code. Roller example: 92PD08501SBBL


Laminated Phenolic (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 3 | 2000 | 8 1/2 | 2 1/2 | 29 1/2 | 94TL06509SBBL |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 32 1/4 | 94TL08509SBBL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 46 | 94TL10509SBBL |
| 12 | 3 1/2 | 4000 | 15 1/2 | 2 1/2 | 49 3/4 | 94TL12609SBBL |

TL 

Thick Tread Polyurethane (09 Tapered Roller Bearing)


| | | | | | | |
|----|---|------|--------|-------|--------|---------------|
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 37 1/4 | 94PX06509SBBL |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 1/2 | 94PX08509SBBL |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 48 | 94PX08709SBBL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 46 | 94PX10509SBBL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PX10709SBBL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PX12709SBBL |

PX 

Prevenz™ antimicrobial models available. Add PREV to end of model.


Cast Iron (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 3 | 2800 | 8 1/2 | 2 1/2 | 38 1/2 | 94CA06509SBBL |
| 8 | 3 | 2800 | 10 1/2 | 2 1/2 | 38 1/2 | 94CA08509SBBL |
| 8 | 4 | 4000 | 10 1/2 | 2 1/2 | 52 1/2 | 94CA08709SBBL |
| 10 | 3 | 2800 | 12 1/2 | 2 1/2 | 43 1/2 | 94CA10509SBBL |
| 12 | 3 | 2800 | 15 1/2 | 2 1/2 | 49 1/2 | 94CA12509SBBL |
| 12 | 3 1/2 | 4000 | 15 1/2 | 2 1/2 | 63 | 94CA12609SBBL |

CA 

Vulkollan on Cast Iron (01 Roller Bearing)* NEW MODEL!


| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 2 1/2 | 2350 | 8 1/2 | 2 1/2 | 36 | 94VY06401SBBL |
| 6 | 3 | 3000 | 8 1/2 | 2 1/2 | 37 1/4 | 94VY06501SBBL |
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 41 | 94VY08501SBBL |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 45 1/2 | 94VY10501SBBL |

VY 

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision example: 94VY06428SBBL


Drop Forged Steel (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 2 1/2 | 4000 | 8 1/2 | 2 1/2 | 37 | 94FS06401SBBL |
| 6 | 3 | 5000 | 8 1/2 | 2 1/2 | 45 | 94FS06501SBBL |
| 8 | 3 | 4500 | 10 1/2 | 2 1/2 | 44 | 94FS08501SBBL |
| 8 | 4 | 5000 | 10 1/2 | 2 1/2 | 47 | 94FS08701SBBL |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 53 3/4 | 94FS10501SBBL |
| 10 | 4 | 5000 | 12 1/2 | 2 1/2 | 73 1/2 | 94FS10701SBBL |

FS 

Thick Tread Vulkollan (01 Roller Bearing) NEW MODEL!


| | | | | | | |
|----|---|------|--------|-------|--------|---------------|
| 6 | 3 | 3000 | 8 1/2 | 2 1/2 | 37 1/4 | 94VX06501SBBL |
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 41 1/2 | 94VX08501SBBL |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 46 | 94VX10501SBBL |

VX 

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision example: 94VX06428SBBL

Ductile Iron Crowned Tread (01 Roller Bearing) NEW MODEL!


| | | | | | | |
|----|-------|------|--------|-------|----|---------------|
| 6 | 2 1/2 | 3500 | 8 1/2 | 2 1/2 | 34 | 94FR06409SBBL |
| 6 | 3 | 5000 | 8 1/2 | 2 1/2 | 35 | 94FR06509SBBL |
| 8 | 3 | 5000 | 10 1/2 | 2 1/2 | 41 | 94FR08509SBBL |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 46 | 94FR10509SBBL |

FR, FM, VM 

*Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 94FR08509SBBL). Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 94FM08501SBBL.


Phenolic (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 2 1/2 | 1620 | 8 1/2 | 2 1/2 | 32 1/4 | 94TM06409SBBL |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 38 | 94TM08509SBBL |
| 10 | 2 1/2 | 2500 | 12 1/2 | 2 1/2 | 46 | 94TM10409SBBL |
| 10 | 3 | 2900 | 12 1/2 | 2 1/2 | 49 | 94TM10509SBBL |
| 12 | 3 1/2 | 4000 | 15 1/2 | 2 1/2 | 52 3/4 | 94TM12609SBBL |
| 12 | 4 | 5000 | 15 1/2 | 2 1/2 | | 94TM12709SBBL |

TM 

Ductile Iron (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 12 | 3 1/2 | 5000 | 15 1/2 | 2 1/2 | 67 1/2 | 94FM12609SBBL |
|----|-------|------|--------|-------|--------|---------------|

FM 

Prevenz™ Antimicrobial Wheels

To order add "PREV" to end of model number.

PY Prevenz™ 

PX Prevenz™ 



POLYURETHANE EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

94

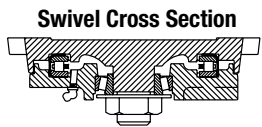
TRL Super Duty Casters (Thrust Swivel Section)



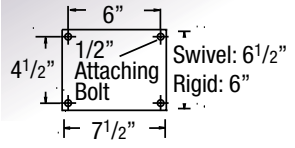
This caster has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL") and is precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

TYPICAL APPLICATIONS

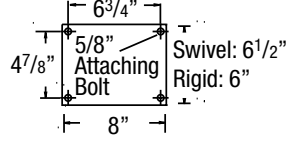
- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steelmills
- Aircraft maintenance
- Gantries



MOUNTING PLATE Standard Plate



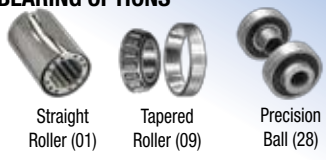
Optional C Plate



FEATURES

- **Top Plate and Yoke Base:** 1/2" thick AISI 1045 drop forged steel
- **Swivel Load Race:** Precision tapered roller bearing which has 5" outside diameter for increased capacity
- **Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 3/8" formed steel plate welded inside and outside for additional strength
- **King Bolt:** 1-1/4" diameter integrally forged with top plate for maximum strength
- **Axle:** 1" solid axle with lock nut
- **Lubrication:** Zerk fitting in yoke base and wheel hubs for ease of lubrication
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory
- **Sealed swivel** section specify **NS94**

BRAKE OPTIONS

Poly Cam
specify **P**

Single Side specify **SSB94**. **Double Sided** specify **DSB94**

Face Contact
specify **F**

Wrap Around
specify **WB94**

Hand operated field installable **Swivel Lock** specify **SL940000** (Yokes must be notched)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 37 1/4 | 94PY06509STRL |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 | 94PY08509STRL |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 48 | 94PY08709STRL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 45 1/2 | 94PY10509STRL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PY10709STRL |
| 12 | 3 1/2 | 4110 | 15 1/2 | 2 1/2 | 57 1/2 | 94PY12609STRL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PY12709STRL |

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 37 1/4 | 94PY06509STRL |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 | 94PY08509STRL |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 48 | 94PY08709STRL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 45 1/2 | 94PY10509STRL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PY10709STRL |
| 12 | 3 1/2 | 4110 | 15 1/2 | 2 1/2 | 57 1/2 | 94PY12609STRL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PY12709STRL |

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 8 | 3 | 900 | 10 1/2 | 2 1/2 | 36 3/4 | 94MR08509STRL |
| 10 | 3 | 1000 | 12 1/2 | 2 1/2 | 39 3/4 | 94MR10509STRL |
| 10 | 4 | 1400 | 12 1/2 | 2 1/2 | 50 3/4 | 94MR10709STRL |
| 12 | 3 1/2 | 1500 | 15 1/2 | 2 1/2 | 55 3/4 | 94MR12609STRL |
| 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 63 1/4 | 94MR12709STRL |

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 37 1/4 | 94PY06509STRL |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 | 94PY08509STRL |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 48 | 94PY08709STRL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 45 1/2 | 94PY10509STRL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PY10709STRL |
| 12 | 3 1/2 | 4110 | 15 1/2 | 2 1/2 | 57 1/2 | 94PY12609STRL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PY12709STRL |

Prevenz™ antimicrobial models available. Add PREV to end of model.

Heavy Duty Moldon Rubber on Cast Iron (09 Tapered Bearing) NEW MODEL!

| | | | | | | |
|----|---|------|--------|-------|--------|---------------|
| 10 | 3 | 1800 | 12 1/2 | 2 1/2 | 39 3/4 | 94MH10509STRL |
|----|---|------|--------|-------|--------|---------------|

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 2 1/2 | 1600 | 8 1/2 | 2 1/2 | 34 | 94PI06409STRL |
| 6 | 3 | 2000 | 8 1/2 | 2 1/2 | 35 1/2 | 94PI06509STRL |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 34 1/2 | 94PI08409STRL |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 35 1/2 | 94PI08509STRL |
| 10 | 2 1/2 | 2200 | 12 1/2 | 2 1/2 | 41 | 94PI10409STRL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 42 1/2 | 94PI10509STRL |
| 12 | 2 1/2 | 2500 | 15 1/2 | 2 1/2 | 51 1/2 | 94PI12409STRL |
| 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 53 | 94PI12509STRL |

*Roller (01) bearings available. Change "01" to other bearing code.
Example: 94PI06401STRL

Swivel caster numbers shown, for rigid change STRL to R

Wheel Diameter (Inches)
Tread Width (Inches)
Capacity (Lbs) (Based on nominal application)
Overall Height (Inches)
Swivel Lead (Inches)
Approx. Wt. (Lbs)
Caster Number

Swivel caster numbers shown, for rigid change STRL to R

Wheel Diameter (Inches)
Tread Width (Inches)
Capacity (Lbs) (Based on nominal application)
Overall Height (Inches)
Swivel Lead (Inches)
Approx. Wt. (Lbs)
Caster Number

Polyurethane on Aluminum (09 Tapered Roller Bearing)* **NEW MODEL!**

| | | | | | | |
|----|---|------|--------|-------|--------|----------------------|
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 | 94PD08509STRL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 45 1/2 | 94PD10509STRL |

PD * Roller (01) bearings available. Change "09" to bearing code. Roller example: 94PD08501STRL

Thick Tread Polyurethane (09 Tapered Roller Bearing)

| | | | | | | |
|----|---|------|--------|-------|--------|----------------------|
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 37 1/4 | 94PX06509STRL |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 41 1/2 | 94PX08509STRL |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 48 | 94PX08709STRL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 46 | 94PX10509STRL |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 55 | 94PX10709STRL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 60 | 94PX12709STRL |

PX Prevenz™ antimicrobial models available. Add PREV to end of model.

Vulkollan on Cast Iron (09 Tapered Roller Bearing)* **NEW MODEL!**

| | | | | | | |
|----|---|------|--------|-------|--------|----------------------|
| 6 | 3 | 3000 | 8 1/2 | 2 1/2 | 37 1/4 | 94VY06509STRL |
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 41 | 94VY08509STRL |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 45 1/2 | 94VY10509STRL |

VY *Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VY06428STRL

Thick Tread Vulkollan (01 Roller Bearing) **NEW MODEL!**

| | | | | | | |
|----|---|------|--------|-------|--------|----------------------|
| 6 | 3 | 3000 | 8 1/2 | 2 1/2 | 37 1/4 | 94VX06501STRL |
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 41 1/2 | 94VX08501STRL |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 46 | 94VX10501STRL |

VX *Tapered Roller (09) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VX06528STRL

Phenolic (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|----------------------|
| 6 | 2 1/2 | 2000 | 8 1/2 | 2 1/2 | 32 1/4 | 94TM06409STRL |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 38 | 94TM08509STRL |
| 10 | 3 | 2900 | 12 1/2 | 2 1/2 | 49 | 94TM10509STRL |
| 12 | 3 1/2 | 4000 | 15 1/2 | 2 1/2 | 49 3/4 | 94TM12609STRL |
| 12 | 4 | 8000 | 15 1/2 | 2 1/2 | 52 1/4 | 94TM12709STRL |

TM *Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 94FR08509STRL). Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 94FM08501TRL.

Laminated Phenolic (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|----------------------|
| 6 | 3 | 2000 | 8 1/2 | 2 1/2 | 29 1/2 | 94TL06509STRL |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 32 1/4 | 94TL08509STRL |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 46 | 94TL10509STRL |
| 12 | 3 1/2 | 4000 | 15 1/2 | 2 1/2 | 49 3/4 | 94TL12609STRL |

TL *Capacity decreases to 4000lbs if you specify a roller bearing (01).

Cast Iron (09 Tapered Roller Bearing)

| | | | | | | |
|----|---|------|--------|-------|--------|-----------------------|
| 6 | 3 | 2800 | 8 1/2 | 2 1/2 | 38 1/2 | 94CA06509STRL |
| 8 | 3 | 2800 | 10 1/2 | 2 1/2 | 38 1/2 | 94CA08509STRL |
| 8 | 4 | 6000 | 10 1/2 | 2 1/2 | 52 1/2 | 94CA08709STRL* |
| 10 | 3 | 2800 | 12 1/2 | 2 1/2 | 43 1/2 | 94CA10509STRL |
| 12 | 3 | 2800 | 12 1/2 | 2 1/2 | 49 1/2 | 94CA12509STRL |

CA *Capacity decreases to 4000lbs if you specify a roller bearing (01).

Drop Forged Steel (01 Roller or 09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|-------|--------|-------|--------|----------------------|
| 6 | 2 1/2 | 4000 | 8 1/2 | 2 1/2 | 37 | 94FS06401STRL |
| 6 | 2 1/2 | 5000 | 8 1/2 | 2 1/2 | 37 | 94FS06409STRL |
| 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 45 | 94FS06501STRL |
| 6 | 3 | 10000 | 8 1/2 | 2 1/2 | 45 | 94FS06509STRL |
| 8 | 3 | 4500 | 10 1/2 | 2 1/2 | 44 | 94FS08501STRL |
| 8 | 3 | 5500 | 10 1/2 | 2 1/2 | 44 | 94FS08509STRL |
| 8 | 4 | 8350 | 10 1/2 | 2 1/2 | 47 | 94FS08701STRL |
| 8 | 4 | 10000 | 10 1/2 | 2 1/2 | 47 | 94FS08709STRL |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 53 3/4 | 94FS10501STRL |
| 10 | 3 | 9000 | 12 1/2 | 2 1/2 | 53 3/4 | 94FS10509STRL |
| 10 | 4 | 8350 | 12 1/2 | 2 1/2 | 73 1/2 | 94FS10701STRL |
| 10 | 4 | 10000 | 12 1/2 | 2 1/2 | 73 1/2 | 94FS10709STRL |

FS *Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VY06428STRL

V-Grooved Cast Iron (09 Tapered Roller Bearing)

| | | | | | | |
|----|---|------|--------|-------|--------|----------------------|
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 42 3/4 | 94VL08509STRL |
| 10 | 3 | 4000 | 12 1/2 | 2 1/2 | 35 3/4 | 94VL10509STRL |

VL *Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VY06428STRL

V-Grooved Drop Forged Steel (01 Roller or 09 Tapered Roller)

| | | | | | | |
|----|---|-------|--------|-------|--------|----------------------|
| 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 45 | 94VF06501STRL |
| 6 | 3 | 6500 | 8 1/2 | 2 1/2 | 45 | 94VF06509STRL |
| 8 | 3 | 6000 | 10 1/2 | 2 1/2 | 44 | 94VF08501STRL |
| 8 | 4 | 8350 | 10 1/2 | 2 1/2 | 47 | 94VF08701STRL |
| 8 | 4 | 10000 | 10 1/2 | 2 1/2 | 47 | 94VF08709STRL |
| 10 | 4 | 8350 | 12 1/2 | 2 1/2 | 73 1/2 | 94VF10701STRL |
| 10 | 4 | 10000 | 12 1/2 | 2 1/2 | 73 1/2 | 94VF10709STRL |

VF *Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VY06428STRL

Ductile Iron Crowned Tread (01 Roller Bearing) **NEW MODEL!**

| | | | | | | |
|----|-------|------|--------|-------|----|----------------------|
| 6 | 2 1/2 | 3500 | 8 1/2 | 2 1/2 | 34 | 94FR06409STRL |
| 6 | 3 | 6000 | 8 1/2 | 2 1/2 | 35 | 94FR06509STRL |
| 8 | 3 | 6000 | 10 1/2 | 2 1/2 | 41 | 94FR08509STRL |
| 10 | 3 | 6000 | 12 1/2 | 2 1/2 | 46 | 94FR10509STRL |

FR, FM, VM *Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 94FR08509STRL). Ductile Iron Flat Tread (FM) and V-Groove (VM) models available. Change FR wheel code to FM or VM. Example: 94FM08501TRL.

Ductile Iron (09 Tapered Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|----------------------|
| 12 | 3 1/2 | 6000 | 15 1/2 | 2 1/2 | 67 1/2 | 94FM12609STRL |
|----|-------|------|--------|-------|--------|----------------------|

FM *Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VY06428STRL

Prevenz™ Antimicrobial Wheels

To order add "PREV" to end of model number.

PY Prevenz™ **PX Prevenz™**

94TRL SERIES • CAPACITY TO 10000

95

BBL Super Duty Casters (Ball Load Swivel)

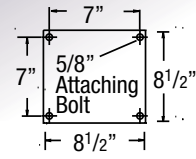


This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

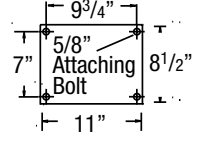
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steelmills
- Aircraft maintenance

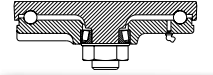
MOUNTING PLATE Standard Plate



Optional T Plate



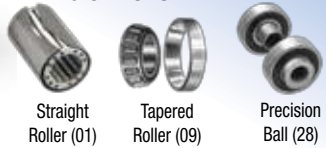
Swivel Cross Section



FEATURES

- **Top Plate and Yoke Base:** 5/8" thick 1045 AISI drop-forged steel for extended use.
- **Swivel Load Bearings:** 7" diameter machined and hardened raceway for smooth movement and extended wear
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" formed steel plate welded inside and out to yoke base
- **King Bolt:** Integrally forged with top plate
- **Axle:** 1-1/4" solid axle with locking nut
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Sealed swivel** section specify **NS95**

BRAKE OPTIONS

Poly Cam
specify **P**



Face Contact
specify **F**

Welded Swivel Lock
specify **L**



Hand operated field installable **Swivel Lock** specify **SL954600** (Yokes must be notched)

| | | | | | | |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|

Swivel caster numbers shown, for rigid change SBBL to R

Thick Tread Polyurethane (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|---------|---------------|
| 8 | 4 | 3500 | 11 | 2 1/4 | 63 | 95PX08701SBBL |
| 10 | 4 | 4200 | 13 | 2 1/2 | 71 | 95PX10701SBBL |
| 12 | 3 1/2 | 4100 | 15 1/2 | 2 1/2 | 73 1/2 | 95PX12601SBBL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 76 1/4 | 95PX12701SBBL |
| 12 | 5 | 6000 | 15 1/2 | 2 1/2 | 90 | 95PX12801SBBL |
| 16 | 4 | 5970 | 19 | 3 | 111 1/2 | 95PX16701SBBL |
| 16 | 5 | 7700 | 19 | 3 | 126 1/4 | 95PX16801SBBL |

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Tapered Roller Bearings (09) available. To order change bearing code.
Example 95PX08709SBBL

PX

Phenolic (09 Tapered Roller Bearing)

| | | | | | | |
|----|----|------|--------|-------|--------|---------------|
| 8 | 6* | 5000 | 11 | 2 1/2 | 54 1/2 | 95TM08909SBBL |
| 10 | 3 | 2900 | 13 | 2 1/2 | 27 | 95TM10509SBBL |
| 10 | 6* | 5800 | 13 | 2 1/2 | 54 | 95TM10909SBBL |
| 12 | 4 | 8000 | 15 1/2 | 2 1/2 | 67 1/2 | 95TM12709SBBL |

*2 wheels bolted together

TM

Laminated Phenolic (01 Roller Bearing and 09 Tapered Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 5 | 8000 | 9 | 2 1/4 | 46 | 95TL06809SBBL |
| 8 | 6** | 5000 | 11 | 2 1/2 | 54 | 95TL08909SBBL |
| 10 | 6** | 5800 | 13 | 2 1/2 | 61 1/4 | 95TL10909SBBL |
| 12 | 3 1/2 | 4000 | 15 1/2 | 2 1/2 | 58 3/4 | 95TL12601SBBL |
| 16 | 4 | 8000 | 19 | 3 | 79 3/4 | 95TL16701SBBL |

*Tapered Roller Bearings (09) available. To order change bearing code.
Example 95TL08709SBBL. **2 wheels bolted together.

TL

Drop Forged Steel (01 Roller or 09 Tapered Roller Bearings)

| | | | | | | |
|----|---|------|----|-------|--------|---------------|
| 6 | 3 | 6000 | 9 | 2 1/4 | 60 1/4 | 95FS06501SBBL |
| 6 | 3 | 8000 | 9 | 2 1/4 | 59 1/2 | 95FS06509SBBL |
| 8 | 4 | 8000 | 11 | 2 1/4 | 61 1/2 | 95FS08701SBBL |
| 8 | 4 | 8000 | 11 | 2 1/4 | 72 1/2 | 95FS08709SBBL |
| 10 | 3 | 6000 | 13 | 2 1/2 | 78 1/2 | 95FS10501SBBL |
| 10 | 3 | 6500 | 13 | 2 1/2 | 78 1/2 | 95FH10509SBBL |
| 10 | 4 | 8000 | 13 | 2 1/2 | 86 1/4 | 95FS10701SBBL |
| 10 | 4 | 8000 | 13 | 2 1/2 | 86 1/2 | 95FS10709SBBL |

FS

Ductile Iron (09 Tapered Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 12 | 3 1/2 | 6000 | 15 1/2 | 2 1/2 | 83 1/2 | 95FM12609SBBL |
|----|-------|------|--------|-------|--------|---------------|

*Roller Bearings (01) available. To order change bearing code.
Example 95FM12601SBBL

Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | | |
|----|---|------|--------|-------|---------|---------------|
| 10 | 4 | 1400 | 13 | 2 1/2 | 64 3/4 | 95MR10701SBBL |
| 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 55 3/4 | 95MR12701SBBL |
| 16 | 5 | 2570 | 19 | 3 | 105 1/4 | 95MR16801SBBL |

MR

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|---------|---------------|
| 8 | 4 | 3500 | 11 | 2 1/4 | 63 | 95PY08709SBBL |
| 10 | 4 | 4200 | 13 | 2 1/2 | 71 | 95PY10709SBBL |
| 10 | 5 | 5000 | 13 | 2 1/2 | 82 | 95PY10809SBBL |
| 12 | 3 1/2 | 4100 | 15 1/2 | 2 1/2 | 73 1/2 | 95PY12609SBBL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 76 1/4 | 95PY12709SBBL |
| 12 | 5 | 6000 | 15 1/2 | 2 1/2 | 90 | 95PY12809SBBL |
| 16 | 4 | 5970 | 19 | 3 | 111 1/2 | 95PY16709SBBL |
| 16 | 5 | 7700 | 19 | 3 | 126 1/4 | 95PY16809SBBL |

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Roller Bearings (01) available. To order change bearing code.
Example 95PY08701SBBL

PY

Trionix™ High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!

| | | | | | | |
|----|-------|------|----|-------|--------|---------------|
| 6 | 2 1/2 | 7200 | 9 | 2 1/4 | 36 | 95NX06428SBBL |
| 6 | 3 | 7200 | 9 | 2 1/4 | 37 1/4 | 95NX06528SBBL |
| 8 | 2 1/2 | 7200 | 11 | 2 1/4 | 41 | 95NX08428SBBL |
| 8 | 3 | 7200 | 11 | 2 1/4 | 41 | 95NX08528SBBL |
| 10 | 2 1/2 | 7200 | 13 | 2 1/2 | 45 1/2 | 95NX10428SBBL |
| 10 | 3 | 7200 | 13 | 2 1/2 | 45 1/2 | 95NX10528SBBL |

NX

95

TRL Super Duty Casters (Thrust Swivel Section)

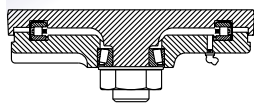


This caster has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL") and is precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

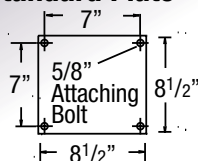
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants

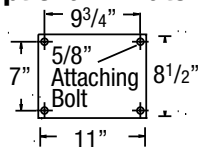
Swivel Cross Section



MOUNTING PLATE Standard Plate



Optional T Plate



FEATURES

- **Top Plate and Yoke Base:** 5/8" thick AISI 1045 drop-forged steel precision machined for bearings
- **Swivel Load Bearings:** 7" diameter machined raceway with a precision tapered roller bearing which is protected by a forged labyrinth skirt
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" steel plate formed for greater strength and welded to yoke base both inside and outside
- **King Bolt:** 1-1/4" integrally forged with top plate machined and threaded
- **Axle:** 1-1/4" solid axle and lock nut
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Sealed swivel** section specify **NS95**

BRAKE OPTIONS

Poly Cam
specify **P**



Face Contact
specify **F**



Welded Swivel Lock
specify **L**



Hand operated field installable **Swivel Lock** specify **SL954600** (Yokes must be notched)



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Moldon Rubber on Cast Iron (01 Roller or 09 Tapered Roller Bearing)

| | | | | | | |
|----|---|------|--------|-------|---------|---------------|
| 10 | 4 | 1400 | 13 | 2 1/2 | 64 3/4 | 95MR10701STRL |
| 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 55 3/4 | 95MR12701STRL |
| 16 | 5 | 2570 | 19 | 3 | 105 1/4 | 95MR16801STRL |

MR

Polyurethane on Cast Iron (01 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|---------|---------------|
| 8 | 4 | 3500 | 11 | 2 1/2 | 63 | 95PY08701STRL |
| 10 | 4 | 4200 | 13 | 2 1/2 | 71 | 95PY10701STRL |
| 10 | 5 | 5000 | 13 | 2 1/2 | 82 | 95PY10801STRL |
| 12 | 3 1/2 | 4100 | 15 1/2 | 2 1/2 | 73 1/2 | 95PY12601STRL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 76 1/4 | 95PY12701STRL |
| 12 | 5 | 6000 | 15 1/2 | 2 1/2 | 90 | 95PY12801STRL |
| 16 | 4 | 5970 | 19 | 3 | 111 1/2 | 95PY16701STRL |
| 16 | 5 | 7700 | 19 | 3 | 126 1/4 | 95PY16801STRL |

PY

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Tapered Roller Bearings (09) available. To order change bearing code.
Example 95PY0870**9**STRL

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Thick Tread Polyurethane (09 Roller Bearing)*

| | | | | | | |
|----|-------|------|--------|-------|---------|---------------|
| 8 | 4 | 3500 | 11 | 2 1/4 | 63 | 95PX08709STRL |
| 10 | 4 | 4200 | 13 | 2 1/2 | 71 | 95PX10709STRL |
| 12 | 3 1/2 | 4100 | 15 1/2 | 2 1/2 | 73 1/2 | 95PX12609STRL |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 76 1/4 | 95PX12709STRL |
| 12 | 5 | 6000 | 15 1/2 | 2 1/2 | 90 | 95PX12809STRL |
| 16 | 4 | 5970 | 19 | 3 | 111 1/2 | 95PX16709STRL |
| 16 | 5 | 7700 | 19 | 3 | 126 1/4 | 95PX16809STRL |

PX

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Roller Bearings (01) available. To order change bearing code.
Example 95PX0870**1**STRL

Phenolic (09 Tapered Roller Bearing)

| | | | | | | |
|----|----|------|--------|-------|--------|---------------|
| 8 | 6* | 5000 | 11 | 2 1/2 | 54 1/2 | 95TM08909STRL |
| 10 | 6* | 5800 | 13 | 2 1/2 | 54 | 95TM10909STRL |
| 12 | 4 | 8000 | 15 1/2 | 2 1/2 | 67 1/2 | 95TM12709STRL |

TM

*2 wheels bolted together

95TRL Series Continued

Swivel caster numbers shown,
for rigid change STRL to R

| | | | | | | |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|

Swivel caster numbers shown,
for rigid change STRL to R

| | | | | | | |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|--|-----------------------------------|--------------------------------|-----------------------------|----------------------|

Laminated Phenolic (01 Roller Bearing/09 Tapered Rolling Bearing)**

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 6 | 5 | 8000 | 9 | 2 1/4 | 46 | 95TL06809STRL |
| 8 | 6* | 5000 | 11 | 2 1/2 | 54 | 95TL08909STRL |
| 10 | 6* | 5800 | 13 | 2 1/2 | 61 1/4 | 95TL10909STRL |
| 12 | 3 1/2 | 4000 | 15 1/2 | 2 1/2 | 58 3/4 | 95TL12601STRL |
| 16 | 4 | 8000 | 19 | 3 | 79 3/4 | 95TL16701STRL |

*2 wheels bolted together
**Tapered Roller Bearings (09) available.
To order change bearing code.
Example 95TL06509STRL

TL

Drop Forged Steel (01 Roller or 09 Tapered Roller Bearings)

| | | | | | | |
|----|---|-------|----|-------|--------|---------------|
| 6 | 3 | 6000 | 9 | 2 1/4 | 60 1/4 | 95FS06501STRL |
| 6 | 3 | 10000 | 9 | 2 1/4 | 59 1/2 | 95FS06509STRL |
| 8 | 4 | 8000 | 11 | 2 1/4 | 61 1/2 | 95FS08701STRL |
| 8 | 4 | 10000 | 11 | 2 1/4 | 72 1/2 | 95FS08709STRL |
| 10 | 3 | 6500 | 13 | 2 1/2 | 78 1/2 | 95FS10509STRL |
| 10 | 4 | 8350 | 13 | 2 1/2 | 86 1/4 | 95FS10701STRL |
| 10 | 4 | 10000 | 13 | 2 1/2 | 86 1/2 | 95FS10709STRL |

FS

Large Bore Drop Forged Steel (09 Tapered Roller Bearings)

| | | | | | | |
|----|---|-------|----|-------|--------|---------------|
| 6 | 3 | 17000 | 9 | 2 1/4 | 59 1/2 | 95FH06509STRL |
| 8 | 4 | 17000 | 11 | 2 1/4 | 72 1/2 | 95FH08709STRL |
| 10 | 3 | 6000 | 13 | 2 1/2 | 78 1/2 | 95FH10509STRL |
| 10 | 4 | 17000 | 13 | 2 1/2 | 86 1/2 | 95FH10709STRL |

FH

V-Groove Drop Forged Steel (01 Roller Bearing/09 Tapered Roller Bearing)

| | | | | | | |
|----|---|------|----|-------|--------|---------------|
| 6 | 3 | 6000 | 9 | 2 1/4 | 59 1/2 | 95VF06501STRL |
| 6 | 3 | 6500 | 9 | 2 1/4 | 45 | 95VF06509STRL |
| 8 | 4 | 8350 | 11 | 2 1/4 | 61 1/2 | 95VF08701STRL |
| 10 | 3 | 6000 | 13 | 2 1/2 | 67 3/4 | 95VF10701STRL |
| 10 | 3 | 6000 | 13 | 2 1/2 | 67 3/4 | 95VF10709STRL |
| 10 | 4 | 8350 | 13 | 2 1/2 | 89 1/2 | 95VF10701STRL |

VF

Large Bore V-Groove Drop Forged Steel (09 Tapered Roller Bearing)

| | | | | | | |
|----|---|-------|----|-------|--------|---------------|
| 6 | 3 | 10000 | 9 | 2 1/4 | 45 | 95VH06509STRL |
| 8 | 4 | 15000 | 11 | 2 1/4 | 61 1/2 | 95VH08709STRL |
| 10 | 4 | 15000 | 13 | 2 1/2 | 86 1/4 | 95VH10709STRL |

VH

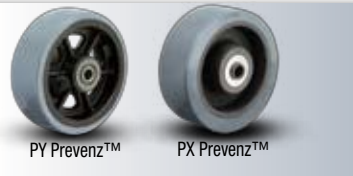
Ductile Iron (01 Roller Bearing)

| | | | | | | |
|----|-------|------|--------|-------|--------|---------------|
| 12 | 3 1/2 | 6000 | 15 1/2 | 2 1/2 | 83 1/2 | 95FM12601STRL |
|----|-------|------|--------|-------|--------|---------------|

FM

Prevenz™ Antimicrobial Wheels

To order add "PREV"
to end of model
number.



PY Prevenz™

PX Prevenz™



ALBION®

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Spring Loaded Kingpinless Casters . 100
Introduction



110 Contender Casters 101-103
Capacity to 1400 lbs.



120 Contender Stainless Steel 104-105
Casters, Capacity to 900 lbs.



130 Contender Premium Stainless . . 106-107
Steel Casters, Capacity to 1400 lbs.



310 Contender Casters 108-109
Capacity to 4100 lbs.



330 Contender Premium Stainless . . 110-111
Steel Casters, Capacity to 3000 lbs.



410 Contender Casters 112-113
Capacity to 4100 lbs.



610 Contender Casters 114-115
Capacity to 9500 lbs. **NEW MODEL!**

Item **Page**



100 Shockmaster Casters 116-118
Capacity to 1700 lbs.



300 Shockmaster Casters 119-120
Capacity to 5500 lbs.



400 Shockmaster Casters 121-122
Capacity to 5500 lbs.



600 Shockmaster Casters 123-124
Capacity to 10000 lbs.



700 Shockmaster Casters 125-126
Capacity to 20000 lbs.



850 Shockmaster Casters 127
Capacity to 20000 lbs.

Spring Loaded



141 Spring Loaded Contender 128
Casters, Capacity to 1500 lbs. **NEW MODEL!**



Shockmaster™ and Contender™ . . 129-130
Spring Loaded Casters

Shockmaster™

FORGED KINGPINLESS

**When failure
isn't an option**



- Albion's Shockmaster construction is much more durable than competitor's case or induction hardened construction
- "Forged Steel" construction delivers, industry-leading durability and long life
- Tests show Shockmaster lasts up to 10 times longer than any other kingpinless on the market
- Heat treated legs for added strength
- Capacities up to 30,000 lbs
- A proven workhorse in the most abusive applications
- The preferred caster for the aviation ground support industry

See pages 101-115



Contender™ KINGPINLESS

**An economical solution
for your abusive applications**



- "Stamped Steel" welded and hardened construction
- Notched raceways standard to accommodate swivel locks
- Capacities up to 9,500 lbs
- Offset heat treated single ball swivel raceway for extended life
- Eliminates kingpin related failures
- Optional top plates and bolt patterns available

See pages 116-127

Contender/Shockmaster Kingpinless

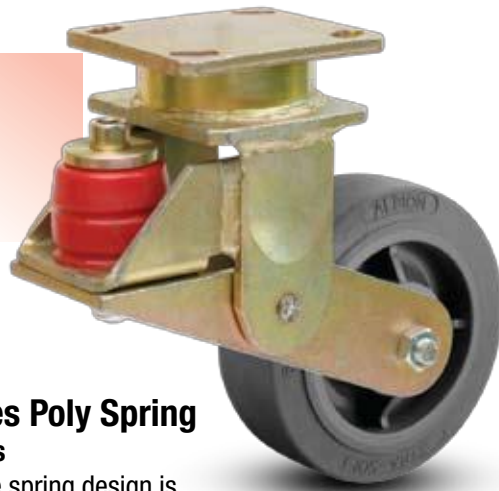
Spring Loaded

Perfect for Automotive and Aviation Industry

Newly designed Shockmaster and Contender kingpinless spring loaded casters offer greater capacity and protection from damaging shock or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

See pages 128-130

Complete Line ...



**New! 141 Series Poly Spring
Capacity to 1500lbs**

Unique polyurethane spring design is durable and corrosion resistant. See page 128



**S610 Shockmaster
Capacity to 3500lbs
See page 129-130**

... or Custom Built to Your Needs!



**Excellent for Weight Carts
10,000 lbs load capacity!**

You won't find this "bad boy" at just any casters source. Albion engineers and craftsmen can custom design and build virtually any caster you need.

Standard Kingpin Spring Loaded Models Also Available

**40 Series
Capacity to 500lbs**



See page 64-65

**41 Series
Capacity to 800lbs**



See page 66

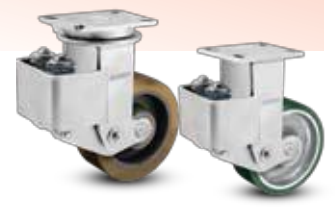
New! Springs are encapsulated and protected by a urethane SpringGuard for added safety.

**42 Series
Capacity to 800lbs**



See page 67

**44 Series
Capacity to 1,500lbs**



See page 68

110

Contender™ Kingpinless Casters



"Stamped Steel" fully heat treated construction is more durable than competitor's case or induction hardened construction.

TYPICAL APPLICATIONS

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

Swivel Cross Section



FEATURES

- **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 Delrin, precision ball, and Oilex models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



RIG OPTIONS

- **Optional Overall heights** of 9 1/2 for 8" wheel diameter models add **-01** to end of model number.

BRAKE OPTIONS

Cam specify **CB110**



Angle Side specify **SSB110**. **Double Sided** specify **DSB110**.

New! Face Brake specify **FBB**



New! Face Brake specify **FBC** (Not available with swivel lock)

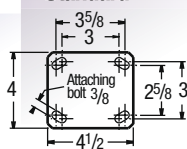
Hand operated field installable swivel lock specify **SL160000**



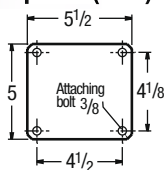
Foot operated field installable swivel lock specify **SL160002**

MOUNTING OPTIONS

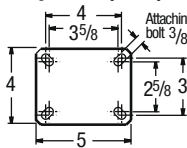
Standard



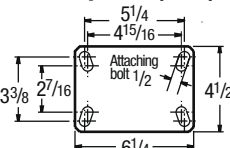
Optional (PATD)



Optional (PATJ)



Optional (PATK)



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Moldon Rubber on Cast Iron (01 Roller Bearing)*

| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 300 | 5 5/8 | 1 3/16 | 110MR04201 |
| 5 | 2 | 450 | 6 1/2 | 1 3/8 | 110MR05201 |
| 6 | 2 | 500 | 7 1/2 | 1 9/16 | 110MR06201 |
| 8 | 2 | 600 | 10 1/8 | 2 1/4 | 110MR08201 |

MR *All 110 bearings listed are available. Delrin example: 110MR04251

Moldon Rubber on Aluminum (01 Roller Bearing)*

| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 400 | 5 5/8 | 1 3/16 | 110MD04201 |
| 5 | 2 | 500 | 6 1/2 | 1 3/8 | 110MD05201 |
| 6 | 2 | 550 | 7 1/2 | 1 9/16 | 110MD06201 |
| 8 | 2 | 600 | 10 1/8 | 2 1/4 | 110MD08201 |

MD *All 110 bearings listed are available. Delrin example: 110MD04151

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|-------------------|
| 5 | 2 | 700 | 6 1/2 | 1 3/8 | 110MH05201 |
| 6 | 2 | 820 | 7 1/2 | 1 9/16 | 110MH06201 |
| 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 110MH08201 |

MH *All 110 bearings listed are available. Delrin example: 110MH05251

X-tra Soft (Flat Tread) (01 Roller Bearing)*

| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 350 | 5 5/8 | 1 3/16 | 110XS04201 |
| 5 | 2 | 375 | 6 1/2 | 1 3/8 | 110XS05201 |
| 6 | 2 | 600 | 7 1/2 | 1 9/16 | 110XS06201 |
| 8 | 2 | 675 | 10 1/8 | 2 1/4 | 110XS08201 |

XS *All 110 bearings listed are available. Delrin example: 110XS04251

POPULAR MODEL!

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

110 SERIES • CAPACITY TO 2000

Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Ratings for manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Ratings for manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)


Caster Number

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | |
|---|---|-----|--------|--------|------------|
| 6 | 2 | 450 | 7 1/2 | 1 9/16 | 110XR06201 |
| 8 | 2 | 600 | 10 1/8 | 2 1/4 | 110XR08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.


*All 110 bearings listed are available. Delrin example: 110XR04251



High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| | | | | | |
|---|---|-----|--------|--------|------------|
| 5 | 2 | 300 | 6 1/2 | 1 3/8 | 110RM05228 |
| 6 | 2 | 350 | 7 1/2 | 1 9/16 | 110RM06228 |
| 8 | 2 | 450 | 10 1/2 | 2 1/4 | 110RM08228 |


NEW MODEL! For black tread specify "RL" wheel code (example 110RL05228).



Solid Rubber (01 Roller Bearing)*


| | | | | | |
|---|---|-----|-------|--------|------------|
| 4 | 2 | 220 | 5 5/8 | 1 3/16 | 110RR04201 |
| 5 | 2 | 325 | 6 1/2 | 1 3/8 | 110RR05201 |
| 6 | 2 | 350 | 7 1/2 | 1 9/16 | 110RR06201 |

*All 110 bearings listed are available. Delrin example: 110RR04251



Pneumatic (27 Industrial Ball Bearing)


| | | | | | |
|---|---|-----|--------|--------|------------|
| 6 | 2 | 200 | 7 1/2 | 1 7/16 | 110SF06227 |
| 8 | 2 | 210 | 10 1/8 | 2 1/4 | 110SF08227 |



Polypropylene (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 450 | 5 5/8 | 1 3/16 | 110PB04201 |
| 5 | 2 | 650 | 6 1/2 | 1 3/8 | 110PB05201 |
| 6 | 2 | 750 | 7 1/2 | 1 9/16 | 110PB06201 |
| 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 110PB08201 |

*All 110 bearings listed are available including plain bore.
Plain bore example: 110RR04241.
If plain bore specified 5" diameter capacity is 450lbs,
6" diameter is 650lbs, 8" diameter is 850 lbs.




Fiberglass Filled Polypropylene (01 Roller Bearing)*

NEW MODEL!

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110GP04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110GP05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110GP06201 |
| 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110GP08201 |


*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 110GP04251.



White Polypropylene (Plain Bore)*

| | | | | | |
|---|---|-----|-------|--------|------------|
| 4 | 2 | 450 | 5 5/8 | 1 3/16 | 110PW04241 |
| 5 | 2 | 550 | 6 1/2 | 1 3/8 | 110PW05241 |
| 6 | 2 | 650 | 7 1/2 | 1 9/16 | 110PW06241 |


*All 110 bearings listed are available. Delrin example: 110PW04251



High Temp Polypropylene (Plain Bore)*

| | | | | | |
|---|---|-----|--------|--------|------------|
| 4 | 2 | 500 | 5 5/8 | 1 3/16 | 110RW04241 |
| 5 | 2 | 650 | 6 1/2 | 1 3/8 | 110RW05241 |
| 6 | 2 | 700 | 7 1/2 | 1 9/16 | 110RW06241 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 110RW08241 |

*All 110 bearings listed are available including plain bore.
Plain bore example: 110RW04241.
If plain bore specified 5" diameter capacity is 300lbs,
6" diameter is 440lbs




Polyurethane on Aluminum Flat Tread (Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 700 | 5 5/8 | 1 3/16 | 110PD04201 |
| 5 | 2 | 1050 | 6 1/2 | 1 3/8 | 110PD05201 |
| 6 | 2 | 1230 | 7 1/2 | 1 9/16 | 110PD06201 |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 110PD08201 |

POPULAR MODEL!


*All 110 bearings listed are available. Delrin example: 110PD04251



Polyurethane on Cast Iron (01 Roller Bearing)*


| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 700 | 5 5/8 | 1 3/16 | 110PI04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110PI05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110PI06201 |
| 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110PI08201 |

*All 110 bearings listed are available. Delrin example: 110PI04251



Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

| | | | | | |
|---|---|------|--------|--------|------------|
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110PM05228 |
| 6 | 2 | 1250 | 7 1/2 | 1 9/16 | 110PM06228 |
| 8 | 2 | 1500 | 10 1/8 | 2 1/4 | 110PM08228 |




Polyurethane on Polypropylene (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 600 | 5 5/8 | 1 3/16 | 110XA04201 |
| 5 | 2 | 750 | 6 1/2 | 1 3/8 | 110XA05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 110XA06201 |
| 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 110XA08201 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.


*All 110 bearings listed are available. Delrin example: 110XA04251



X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 1000 | 5 5/8 | 1 3/16 | 110XI04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110XI05201 |
| 6 | 2 | 1000 | 7 1/2 | 1 9/16 | 110XI06201 |
| 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 110XI08201 |

*All 110 bearings listed are available. Delrin example: 110XI04251




X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 1400 | 5 5/8 | 1 3/16 | 110XP04201 |
| 5 | 2 | 1200 | 6 1/2 | 1 3/8 | 110XP05201 |
| 6 | 2 | 1400 | 7 1/2 | 1 9/16 | 110XP06201 |
| 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110XP08201 |


Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*All 110 bearings listed are available. Delrin example: 110XP04251



V-Grooved Polyurethane (02 Drawn Cup Roller Bearing)*


| | | | | | |
|---|---|-----|-------|--------|------------|
| 4 | 2 | 300 | 5 5/8 | 1 3/16 | 110XV04202 |
| 5 | 2 | 300 | 6 1/2 | 1 3/8 | 110XV05202 |
| 6 | 2 | 300 | 7 1/2 | 1 9/16 | 110XV06202 |



Phenolic (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110TM04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110TM05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110TM06201 |
| 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110TM08201 |

*All 110 bearings listed are available. Delrin example: 110TM04251



Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Ratings for manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Ratings for manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Straight Sided Phenolic (01 Roller Bearing)*

| | | | | | |
|---|---|------|-------|--------|------------|
| 4 | 2 | 1000 | 5 5/8 | 1 3/16 | 110TH04201 |
| 5 | 2 | 1200 | 6 1/2 | 1 3/8 | 110TH05201 |
| 6 | 2 | 1400 | 7 1/2 | 1 9/16 | 110TH06201 |

TH

*All 110 bearings listed are available. Delrin example: 110TH04251

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 2000 | 5 5/8 | 1 3/16 | 110NX04228 |
| 5 | 2 | 2000 | 6 1/2 | 1 3/8 | 110NX05228 |
| 6 | 2 | 2000 | 7 1/2 | 1 9/16 | 110NX06228 |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 110NX08228 |

NX

Maxim® (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110NG04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110NG05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110NG06201 |
| 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110NG08201 |

NG

*All 110 bearings listed are available. Delrin example: 110NG04251

Cast Iron (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 1000 | 5 5/8 | 1 3/16 | 110CA04201 |
| 5 | 2 | 1300 | 6 1/2 | 1 3/8 | 110CA05201 |
| 6 | 2 | 1400 | 7 1/2 | 1 9/16 | 110CA06201 |
| 8 | 2 | 1800 | 10 1/8 | 2 1/4 | 110CA08201 |

CA

*All 110 bearings listed are available. Delrin example: 110CA04251

Maxim® NR Noise Reduction (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110NR04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110NR05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110NR06201 |
| 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110NR08201 |

NR

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*All 110 bearings listed are available. Delrin example: 110NR04251

Heavy Duty Cast Iron (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 5 | 2 | 1500 | 6 1/2 | 1 3/8 | 110CH05201 |
| 6 | 2 | 1700 | 7 1/2 | 1 9/16 | 110CH06201 |
| 8 | 2 | 1800 | 10 1/8 | 2 1/4 | 110CH08201 |

CH

*All 110 bearings listed are available. Delrin example: 110CH04251

Hi-Temp Nylon (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|--------|------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110HE04201 |
| 5 | 2 | 1000 | 6 1/2 | 1 3/8 | 110HE05201 |
| 6 | 2 | 1200 | 7 1/2 | 1 9/16 | 110HE06201 |
| 8 | 2 | 1400 | 10 1/8 | 2 1/4 | 110HE08201 |

HE

*All 110 bearings listed are available. Delrin example: 110HE04251

Drop Forged Steel (01 Roller Bearing)*

| | | | | | | |
|---|-------|------|-------|--------|---|------------|
| 4 | 1 1/2 | 1400 | 5 5/8 | 1 3/16 | 1 | 110FS04101 |
| 5 | 1 3/4 | 1500 | 6 1/2 | 1 3/8 | 1 | 110FS05201 |
| 6 | 2 | 1500 | 7 1/2 | 1 9/16 | 1 | 110FS06201 |

FS

*All 110 bearings listed are available. Delrin example: 110FS04251

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | |
|---|---|------|--------|-------|------------|
| 8 | 2 | 1750 | 10 1/8 | 2 1/4 | 110NY08228 |
|---|---|------|--------|-------|------------|

NY

V-Grooved Cast Iron (01 Roller Bearing)*

| | | | | | |
|---|---|------|-------|--------|------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 110VG04201 |
| 5 | 2 | 800 | 6 1/2 | 1 3/8 | 110VG05201 |
| 6 | 2 | 1000 | 7 1/2 | 1 9/16 | 110VG06201 |

VG

*All 110 bearings listed are available. Delrin example: 110VG04251

White Nylon (01 Roller Bearing)* **NEW MODEL!**

| | | | | | |
|---|---|------|--------|--------|------------|
| 5 | 2 | 600 | 6 1/2 | 1 3/8 | 110NW05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 110NW06201 |
| 8 | 2 | 1100 | 10 1/8 | 2 1/4 | 110NW08201 |

NW

*Delrin (51) Bearings or plain bore (00) models available.
Change "01" example: 110NW05251.

Ductile Iron Crowned Tread (01 Roller Bearing) **NEW MODEL!**

| | | | | | |
|---|---|------|--------|--------|------------|
| 5 | 2 | 1500 | 6 1/2 | 1 3/8 | 110FR05201 |
| 6 | 2 | 2000 | 7 1/2 | 1 9/16 | 110FR06201 |
| 8 | 2 | 2000 | 10 1/8 | 2 1/4 | 110FR08201 |

FR, FM

*Tapered Roller bearings (09) and Precision Ball (28) available.
(Tapered Roller example: 110FR05209).

Note: Ductile Iron Flat Tread (FM) models available.
Change FR wheel code to FM. Example: 110FM05201.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.

XS Prevenz™ XR Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

120

NEW MODEL!

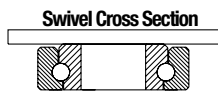
Contender™ Stainless Steel Casters



This caster is the ideal solution for applications where frequent wash-downs are necessary. The polished stainless steel caster is also well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

TYPICAL APPLICATIONS

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



FEATURES

- **Top Plate:** 5/16" 304 stainless steel and welded construction for longer life
- **Yoke Base:** Notched 304 stainless steel welded inside and out
- **Legs:** 304 stainless welded inside and out
- **Swivel Section:** One row of 3/8" ball bearings mounted in a 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 Delrin, precision ball, and Oilex models)
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Overall heights** of 9 1/2" for 8" wheel diameter models add **-01** to end of model number.

BRAKE OPTIONS

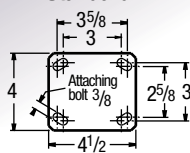
Single Side specify **SSB120**. **Double Sided** specify **DSB120**.

New! Face Brake specify **FBD**

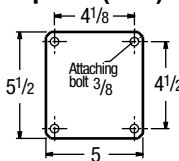
Hand operated field installable lock specify **SL1200000**

MOUNTING OPTIONS

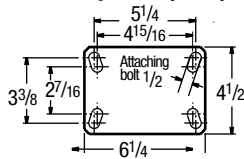
Standard



Optional (PATD)



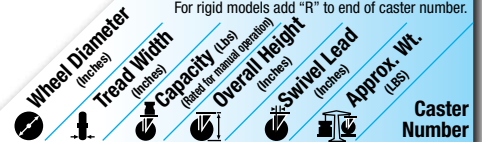
Optional (PATK)



BEARING OPTIONS



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



X-tra Soft (Flat Tread) (01 Roller Bearing)*

| | | | | | |
|---|---|-----|---------|---------|-------------------|
| 4 | 2 | 350 | 5 5/8" | 1 3/16" | 120XS04201 |
| 5 | 2 | 375 | 6 1/2" | 1 3/8" | 120XS05201 |
| 6 | 2 | 600 | 7 1/2" | 1 9/16" | 120XS06201 |
| 8 | 2 | 675 | 10 1/8" | 2 1/4" | 120XS08201 |



Prevenz™ antimicrobial models available. Add PREV to end of model.

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 120XS04201 ZB03

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | |
|---|---|-----|---------|---------|-------------------|
| 6 | 2 | 400 | 7 1/2" | 1 9/16" | 120XR06201 |
| 8 | 2 | 600 | 10 1/8" | 2 1/4" | 120XR08201 |



Prevenz™ antimicrobial models available. Add PREV to end of model.

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 120XR06201 ZB03

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| | | | | | |
|---|---|-----|---------|---------|-------------------|
| 5 | 2 | 300 | 6 1/2" | 1 3/8" | 120RM05228 |
| 6 | 2 | 350 | 7 1/2" | 1 9/16" | 120RM06228 |
| 8 | 2 | 450 | 10 1/2" | 2 1/4" | 120RM08228 |



NEW MODEL!

For black tread specify "RL" wheel code (example 120RL05228).

Polypropylene (01 Roller Bearing)*

| | | | | | |
|---|---|-----|---------|---------|-------------------|
| 4 | 2 | 450 | 5 5/8" | 1 3/16" | 120PB04201 |
| 5 | 2 | 650 | 6 1/2" | 1 3/8" | 120PB05201 |
| 6 | 2 | 750 | 7 1/2" | 1 9/16" | 120PB06201 |
| 8 | 2 | 900 | 10 1/8" | 2 1/4" | 120PB08201 |



*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 120PB06201 ZB03

White Polypropylene (41 Plain Bore)

| | | | | | |
|---|---|-----|--------|---------|-------------------|
| 4 | 2 | 220 | 5 5/8" | 1 3/16" | 120PW04241 |
| 5 | 2 | 325 | 6 1/2" | 1 3/8" | 120PW05241 |
| 6 | 2 | 350 | 7 1/2" | 1 9/16" | 120PW06241 |



Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Fiberglass Filled Polypropylene (01 Roller Bearing)* **NEW MODEL!**


| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 350 | 5 5/8 | 1 3/16 | 120GP04201 |
| 5 | 2 | 800 | 6 1/2 | 1 3/8 | 120GP05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120GP06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120GP08201 |

 *Delrin (51) Bearings or plain bore (41) models available. Change "01" example: 120GP04251.

GP


High Temp Polypropylene (41 Plain Bore)

| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 500 | 5 5/8 | 1 3/16 | 120RW04241 |
| 5 | 2 | 650 | 6 1/2 | 1 3/8 | 120RW05241 |
| 6 | 2 | 700 | 7 1/2 | 1 9/16 | 120RW06241 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120RW08241 |

 **RW**


Polyurethane on Aluminum Round Tread (28 Precision Ball Bearings)

| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 120PM05228 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120PM06228 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120PM08228 |

 **PM**

Polyurethane on Polypropylene (01 Roller Bearing)


| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 600 | 5 5/8 | 1 3/16 | 120XA04201 |
| 5 | 2 | 750 | 6 1/2 | 1 3/8 | 120XA05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120XA06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120XA08201 |

 Prevenz™ antimicrobial models available. Add PREV to end of model. *Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 120XA04201 ZB03

XA

X-Treme™ Solid Polyurethane (01 Roller Bearing)*


| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 900 | 5 5/8 | 1 3/16 | 120XI04201 |
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 120XI05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120XI06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120XI08201 |

 *Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 120XI04229.

XI


X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 900 | 5 5/8 | 1 3/16 | 120XP04201 |
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 120XP05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120XP06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120XP08201 |

 **XP**

Phenolic (01 Roller Bearing)


| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 120TM04201 |
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 120TM05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120TM06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120TM08201 |

 *Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 120TM06201 ZB03

TM

Straight Sided Phenolic (01 Roller Bearing)

| | | | | | |
|---|---|-----|-------|--------|-------------------|
| 4 | 2 | 900 | 5 5/8 | 1 3/16 | 120TH04201 |
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 120TH05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120TH06201 |

 **TH**

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Maxim® (01 Roller Bearing)*


| | | | | | | |
|---|---|-----|--------|--------|-------|-------------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 5 | 120NG04201 |
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 5 1/4 | 120NG05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 5 3/4 | 120NG06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 7 | 120NG08201 |

 Prevenz™ antimicrobial models available. Add PREV to end of model. *Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 120NG04229.

NG

Maxim® NR Noise Reduction (01 Roller Bearing)*


| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 120NR04201 |
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 120NR05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120NR06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120NR08201 |

 Prevenz™ antimicrobial models available. Add PREV to end of model. *Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 120NR04229.

NR

White Nylon (01 Roller Bearing)* **NEW MODEL!**


| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 5 | 2 | 600 | 6 1/2 | 1 3/8 | 120NW05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120NW06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120NW08201 |

 *Delrin (51) Bearings or plain bore (00) models available. Change "01" example: 120NW05251.

NW

Hi-Temp Nylon (01 Roller Bearing)


| | | | | | |
|---|---|-----|--------|--------|-------------------|
| 4 | 2 | 800 | 5 5/8 | 1 3/16 | 120HE04201 |
| 5 | 2 | 900 | 6 1/2 | 1 3/8 | 120HE05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120HE06201 |
| 8 | 2 | 900 | 10 1/8 | 2 1/4 | 120HE08201 |

 *Stainless Steel Roller (01 ZB03) bearings available. Change "01" to other bearing code. Example: 120HE04201 ZB03.

HE

Drop Forged Steel (01 Roller Bearing)*


| | | | | | |
|---|-------|-----|-------|--------|-------------------|
| 4 | 1 1/2 | 900 | 5 5/8 | 1 3/16 | 120FS04101 |
| 5 | 1 3/4 | 900 | 6 1/2 | 1 3/8 | 120FS05201 |
| 6 | 2 | 900 | 7 1/2 | 1 9/16 | 120FS06201 |

 Stainless steel models available, consult factory. *Stainless Steel Roller (01 ZB03) bearings available. Change "01" to other bearing code. Example: 120FS04201 ZB03.

FS

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.



XS Prevenz™ XR Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

130

NEW MODEL!

Contender™ Premium Stainless Steel



FEATURES

- **Top Plate:** 5/16" 304 stainless steel welded to 316 stainless raceway for longer life
- **Yoke Base:** Notched 316 stainless steel welded inside and out
- **Legs:** 304 stainless steel welded inside and out
- **Swivel Section:** One row of 3/8" ball bearings mounted in a 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 Delrin, precision ball, and Oillex models)
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Overall heights** of 9 1/2" for 8" wheel diameter models add **-01** to end of model number.

BRAKE OPTIONS

Single Side specify **SSB130**. **Double Sided** specify **DSB130**.



New! Face Brake specify **FBD**

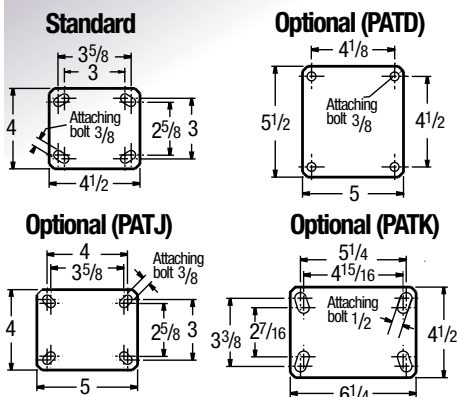
Hand operated field installable swivel lock specify **SL1200000**

Caster features premium grade 304 stainless steel caster rig with a strong premium 316 stainless swivel section. The caster is well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

TYPICAL APPLICATIONS

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

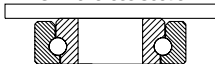
MOUNTING OPTIONS



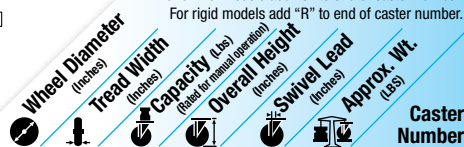
BEARING OPTIONS



Swivel Cross Section



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



X-tra Soft (Flat Tread) (01 Roller Bearing)*

| | | | | | |
|---|---|-----|--------|-------|-------------------|
| 4 | 2 | 350 | 5 5/8 | 13/16 | 130XS04201 |
| 5 | 2 | 375 | 6 1/2 | 13/8 | 130XS05201 |
| 6 | 2 | 600 | 7 1/2 | 19/16 | 130XS06201 |
| 8 | 2 | 675 | 10 1/8 | 2 1/4 | 130XS08201 |



Prevenz™ antimicrobial models available. Add PREV to end of model.

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 130XS04201 ZB03

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | |
|---|---|-----|--------|-------|-------------------|
| 6 | 2 | 400 | 7 1/2 | 19/16 | 130XR06201 |
| 8 | 2 | 600 | 10 1/8 | 2 1/4 | 130XR08201 |



Prevenz™ antimicrobial models available. Add PREV to end of model.

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 130XR06201 ZB03

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

| | | | | | |
|---|---|-----|--------|-------|-------------------|
| 5 | 2 | 300 | 6 1/2 | 13/8 | 130RM05228 |
| 6 | 2 | 350 | 7 1/2 | 19/16 | 130RM06228 |
| 8 | 2 | 450 | 10 1/2 | 2 1/4 | 130RM08228 |



For black tread specify "RL" wheel code (example 130RL05228).

Polypropylene (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------|-------|-------------------|
| 4 | 2 | 450 | 5 5/8 | 13/16 | 130PB04201 |
| 5 | 2 | 650 | 6 1/2 | 13/8 | 130PB05201 |
| 6 | 2 | 750 | 7 1/2 | 19/16 | 130PB06201 |
| 8 | 2 | 1000 | 10 1/8 | 2 1/4 | 130PB08201 |



*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 120XR06201 ZB03

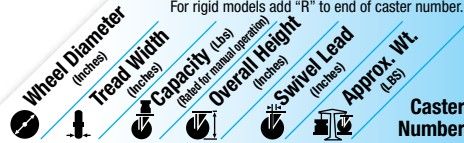
White Polypropylene (41 Plain Bore)

| | | | | | |
|---|---|-----|-------|-------|-------------------|
| 4 | 2 | 220 | 5 5/8 | 13/16 | 130PW04241 |
| 5 | 2 | 325 | 6 1/2 | 13/8 | 130PW05241 |
| 6 | 2 | 350 | 7 1/2 | 19/16 | 130PW06241 |



Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Fiberglass Filled Polypropylene (01 Roller Bearing)* **NEW MODEL!**

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 350 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130GP04201 |
| 5 | 2 | 800 | 6 ¹ / ₂ | 1 ³ / ₈ | 130GP05201 |
| 6 | 2 | 1000 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130GP06201 |
| 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130GP08201 |

GP *Delrin (51) Bearings or plain bore (41) models available. Change "01" example: 130GP04251.

High Temp Polypropylene (41 Plain Bore)

| | | | | | |
|---|---|-----|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 500 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130RW04241 |
| 5 | 2 | 650 | 6 ¹ / ₂ | 1 ³ / ₈ | 130RW05241 |
| 6 | 2 | 700 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130RW06241 |
| 8 | 2 | 900 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130RW08241 |

RW **PM**

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearings)

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 130PM05228 |
| 6 | 2 | 1250 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130PM06228 |
| 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130PM08228 |

PM **NR**

Polyurethane on Polypropylene (01 Roller Bearing)

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 600 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130XA04201 |
| 5 | 2 | 750 | 6 ¹ / ₂ | 1 ³ / ₈ | 130XA05201 |
| 6 | 2 | 900 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130XA06201 |
| 8 | 2 | 1000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130XA08201 |

XA **NG**
Prevenz™ antimicrobial models available. Add PREV to end of model.
*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code.
Stainless Steel Roller Example: 130XA04201 ZB03

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130XI04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 130XI05201 |
| 6 | 2 | 1000 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130XI06201 |
| 8 | 2 | 1000 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130XI08201 |

XI *Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 130XI04229.

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 1400 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130XP04201 |
| 5 | 2 | 1200 | 6 ¹ / ₂ | 1 ³ / ₈ | 130XP05201 |
| 6 | 2 | 1400 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130XP06201 |
| 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130XP08201 |

XP **FS**

Phenolic (01 Roller Bearing)

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130TM04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 130TM05201 |
| 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130TM06201 |
| 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130TM08201 |

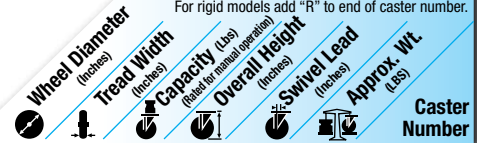
TM *Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available. Change "01" to other bearing code. Stainless Steel Roller Example: 130TM06201 ZB03

Straight Sided Phenolic (01 Roller Bearing)

| | | | | | |
|---|---|------|-------------------------------|--------------------------------|-------------------|
| 4 | 2 | 1000 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130TH04201 |
| 5 | 2 | 1200 | 6 ¹ / ₂ | 1 ³ / ₈ | 130TH05201 |
| 6 | 2 | 1400 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130TH06201 |

TH **FS**

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Maxim® (01 Roller Bearing)*

| | | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------------------|-------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 5 | 130NG04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 5 ¹ / ₄ | 130NG05201 |
| 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 5 ³ / ₄ | 130NG06201 |
| 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 7 | 130NG08201 |

NG Prevenz™ antimicrobial models available. Add PREV to end of model. *Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 130NG04229.

Maxim® NR Noise Reduction (01 Roller Bearing)*

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130NR04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 130NR05201 |
| 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130NR06201 |
| 8 | 2 | 1400 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130NR08201 |

NR Prevenz™ antimicrobial models available. Add PREV to end of model. *Stainless Steel Roller (01 ZB03), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 130NR04229.

White Nylon (01 Roller Bearing)* **NEW MODEL!**

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 5 | 2 | 600 | 6 ¹ / ₂ | 1 ³ / ₈ | 130NW05201 |
| 6 | 2 | 900 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130NW06201 |
| 8 | 2 | 1100 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130NW08201 |

NW *Delrin (51) Bearings or plain bore (00) models available. Change "01" example: 130NW05251.

Hi-Temp Nylon (01 Roller Bearing)

| | | | | | |
|---|---|------|--------------------------------|--------------------------------|-------------------|
| 4 | 2 | 800 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130HE04201 |
| 5 | 2 | 1000 | 6 ¹ / ₂ | 1 ³ / ₈ | 130HE05201 |
| 6 | 2 | 1200 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130HE06201 |
| 8 | 2 | 1200 | 10 ¹ / ₈ | 2 ¹ / ₄ | 130HE08201 |

HE *Stainless Steel Roller (01 ZB03) bearings available. Change "01" to other bearing code. Example: 130HE04201 ZB03.

Drop Forged Steel (01 Roller Bearing)*

| | | | | | |
|---|-------------------------------|------|-------------------------------|--------------------------------|-------------------|
| 4 | 1 ¹ / ₂ | 1400 | 5 ⁵ / ₈ | 1 ³ / ₁₆ | 130FS04101 |
| 5 | 1 ³ / ₄ | 1400 | 6 ¹ / ₂ | 1 ³ / ₈ | 130FS05201 |
| 6 | 2 | 1400 | 7 ¹ / ₂ | 1 ⁹ / ₁₆ | 130FS06201 |

FS Stainless steel models available, consult factory. *Stainless Steel Roller (01 ZB03) bearings available. Change "01" to other bearing code. Example: 130FS04201 ZB03.

Prevenz™ Antimicrobial Wheels
The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.



XS Prevenz™ XR Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

310

Contender™ Kingpinless Casters



Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

FEATURES

- **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 race-way. Zerk in swivel section.
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



BRAKE OPTIONS

Poly Cam
specify **P**



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

New! Face Contact
specify **FBB**



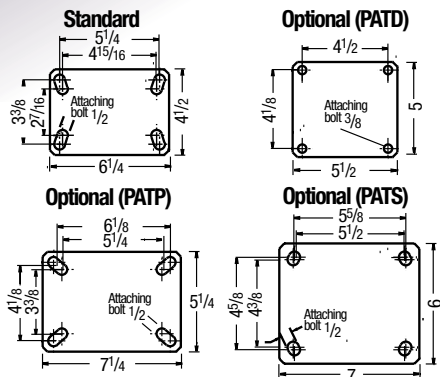
Hand Operated Swivel Lock
specify **SL3000000**

TYPICAL APPLICATIONS

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



MOUNTING PLATE



New! Contender S310 Spring Loaded Caster

Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. To order put "S" in front of Caster Number (Example S310MR06401S):



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Moldon Rubber on Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 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 | 3 | 1000 | 11 1/2 | 2 1/4 | 310MR10501 |
| 12 | 2 1/2 | 950 | 13 1/2 | 2 11/16 | 310MR12401 |
| 12 | 3 | 1200 | 13 1/2 | 2 11/16 | 310MR12501 |

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

Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 8 | 2 1/2 | 670 | 10 1/8 | 2 1/16 | 310MH08401 |
| 10 | 2 1/2 | 790 | 11 1/2 | 2 1/4 | 310MH10401 |
| 10 | 3 | 1000 | 11 1/2 | 2 1/4 | 310MH10501 |
| 12 | 2 1/2 | 900 | 13 1/2 | 2 11/16 | 310MH12401 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 310MH10409

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | |
|----|-------|-----|--------|-------|-------------------|
| 10 | 2 1/2 | 850 | 11 1/2 | 2 1/4 | 310XR10401 |
|----|-------|-----|--------|-------|-------------------|

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) bearings available. Change "01" to "28". Precision example: 310XR10428

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

Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Rated for normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Polyurethane on Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 6 | 2 1/2 | 1620 | 7 1/2 | 1 3/8 | 310PY06401 |
| 6 | 3 | 2040 | 7 1/2 | 1 3/8 | 310PY06501 |
| 8 | 2 1/2 | 2010 | 10 1/8 | 2 1/16 | 310PY08401 |
| 8 | 3 | 2520 | 10 1/8 | 2 1/16 | 310PY08501 |
| 10 | 2 1/2 | 2370 | 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 | 3420 | 13 1/2 | 2 11/16 | 310PY12501 |



PY

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Standard durometer 95 Shore A. Other durometers available.

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

Thick Tread Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 6 | 3 | 2040 | 7 1/2 | 1 3/8 | 310PX06501 |
| 8 | 3 | 2520 | 10 1/8 | 2 1/16 | 310PX08501 |
| 10 | 2 1/2 | 2370 | 11 1/2 | 2 1/4 | 310PX10401 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 310PX10501 |
| 12 | 2 1/2 | 2700 | 13 1/2 | 2 11/16 | 310PX12401 |
| 12 | 3 | 3420 | 13 1/2 | 2 11/16 | 310PX12501 |



PX

Standard durometer 95 Shore A. Other durometers available.

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 310PX10409

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 | 3000 | 11 1/2 | 2 1/4 | 310PI10501 |
| 12 | 2 1/2 | 2500 | 13 1/2 | 2 11/16 | 310PI12401 |
| 12 | 3 | 3500 | 13 1/2 | 2 11/16 | 310PI12501 |



PI

Vulkollan 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 |



VY

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 310VY10409

Vulkollan 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 |



VX

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

X-treme Plus Solid Polyurethane (28 Precision 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 |



XP

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Maxim® NR Noise Reduction (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 10 | 2 1/2 | 1400 | 11 1/2 | 2 1/4 | 310NR10401 |
|----|-------|------|--------|-------|-------------------|



NR

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Rated for normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

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 |



TM

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

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

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 10 | 3 | 2500 | 11 1/2 | 2 1/4 | 310NY10528 |
|----|---|------|--------|-------|-------------------|



NY

Trionix™ NX 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 |



NX

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 |



CA

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

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 |



VG/VF

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

Drop Forged Steel (01 Roller Bearings)*

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 |



FS

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

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 |



FR, FM, VM

*Tapered Roller (09) available.
(Tapered Roller example: 310FR08509).

Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 310FM08501.

330

NEW MODEL!

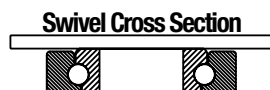
Contender™ Premium Stainless Steel Kingpinless



Designed from premium grade 304 stainless steel caster rig with a strong premium 316 stainless steel swivel section. Excellent finish to protect caster from cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

TYPICAL APPLICATIONS

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



FEATURES

- **Top Plate:** 5/16" 304 stainless steel welded inside and out to 316 stainless steel raceway for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a precision machined raceway. Zerkin in swivel section.
- **Yoke Base:** Notched 316 stainless steel.
- **Legs:** 304 stainless steel welded inside and out
- **Axle:** 3/4" diameter
- Alternate or custom caster configurations available

BEARING OPTIONS



BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB330**. **Double Sided** specify **DSB330**

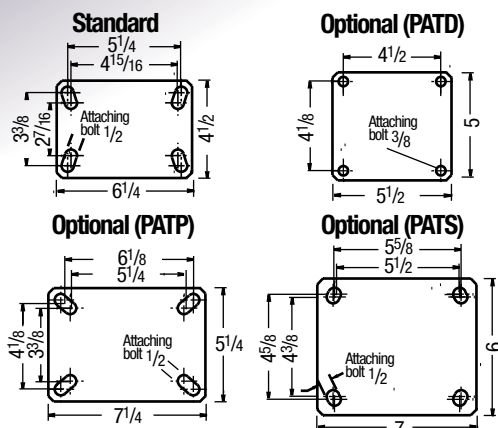
New! Face Contact
specify **FBB**



Hand Operated **Swivel Lock**
specify **SL3000000**

Note: above brake options are not stainless

MOUNTING PLATE



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

| | | | | | | |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | |
|----|-------|-----|--------|-------|-------------------|
| 10 | 2 1/2 | 850 | 11 1/2 | 2 1/4 | 330XR10401 |
|----|-------|-----|--------|-------|-------------------|

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Precision Ball (28) bearings available. Change "01" to "28". Precision example: 330XR10428

Polyurethane on Aluminum (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 8 | 2 1/2 | 2010 | 10 1/8 | 2 1/16 | 330PD08401 |
| 8 | 3 | 2520 | 10 1/8 | 2 1/16 | 330PD08501 |
| 10 | 2 1/2 | 2370 | 11 1/2 | 2 1/4 | 330PD10401 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 330PD10501 |

Standard durometer 95 Shore A. Other durometers available.
*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 330PD10409

Vulkollan on Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 6 | 2 1/2 | 2350 | 7 1/2 | 1 3/8 | 330VY06401 |
| 6 | 3 | 3000 | 7 1/2 | 1 3/8 | 330VY06501 |
| 8 | 2 1/2 | 2900 | 10 1/8 | 2 1/16 | 330VY08401 |
| 8 | 3 | 3000 | 10 1/8 | 2 1/16 | 330VY08501 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 330VY10501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 310VY10409

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|---|------|--------|--------|-------------------|
| 6 | 3 | 3000 | 7 1/2 | 1 3/8 | 330VX06501 |
| 8 | 3 | 3000 | 10 1/8 | 2 1/16 | 330VX08501 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 330VX10501 |

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

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)


Approx. Wt. (Lbs)

Caster Number

X-treme Plus Solid Polyurethane (28 Precision Bearing)

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/16 | 330XP08428 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/16 | 330XP08528 |
| 10 | 2 1/2 | 2500 | 11 1/2 | 2 1/4 | 330XP10428 |
| 10 | 3 | 2500 | 11 1/2 | 2 1/4 | 310XP10528 |


Prevenz™ antimicrobial models available.
Add PREV to end of caster number.



XP

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)


| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 6 | 2 1/2 | 3000 | 7 1/2 | 1 3/8 | 330NX06428 |
| 6 | 3 | 3000 | 7 1/2 | 1 3/8 | 330NX06528 |
| 8 | 2 1/2 | 3000 | 10 1/8 | 2 1/16 | 330NX08428 |
| 8 | 3 | 3000 | 10 1/8 | 2 1/16 | 330NX08528 |
| 10 | 2 1/2 | 3000 | 11 1/2 | 2 1/4 | 330NX10428 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 330NX10528 |



NX

Maxim® NR Noise Reduction (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 10 | 2 1/2 | 1400 | 11 1/2 | 2 1/4 | 330NR10401 |
|----|-------|------|--------|-------|-------------------|




NR

Drop Forged V-Groove Cast Iron (01 Roller Bearing)

| | | | | | |
|---|---|------|--------|--------|-------------------|
| 8 | 3 | 3000 | 10 1/8 | 2 1/16 | 330VF08501 |
|---|---|------|--------|--------|-------------------|

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 330VF10409




VF

Phenolic (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 6 | 2 1/2 | 1600 | 7 1/2 | 1 3/8 | 330TM06401 |
| 6 | 3 | 2000 | 7 1/2 | 1 3/8 | 330TM06501 |
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/16 | 330TM08401 |
| 8 | 3 | 2500 | 10 1/8 | 2 1/16 | 330TM08501 |
| 10 | 2 1/2 | 2500 | 11 1/2 | 2 1/4 | 330TM10401 |
| 10 | 3 | 2900 | 11 1/2 | 2 1/4 | 330TM10501 |
| 12 | 2 1/2 | 3000 | 13 1/2 | 2 11/16 | 330TM12401 |
| 12 | 3 | 3000 | 13 1/2 | 2 11/16 | 330TM12501 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 330TM10409




TM

Drop Forged Steel (01 Roller Bearings)*

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 6 | 2 1/2 | 3000 | 7 1/2 | 1 3/8 | 330FS06401 |
| 8 | 2 1/2 | 3000 | 10 1/8 | 2 1/16 | 330FS08401 |
| 8 | 3 | 3000 | 10 1/8 | 2 1/16 | 330FS08501 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/4 | 330FS10501 |


*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 330FS10509



FS

Trionix™ High Impact Polymer (28 Precision Ball Bearing)


| | | | | | |
|----|---|------|--------|-------|-------------------|
| 10 | 3 | 2500 | 11 1/2 | 2 1/4 | 330NY10528 |
|----|---|------|--------|-------|-------------------|




NY

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.



XR Prevenz™ NG Prevenz™ XP Prevenz™



POLYURETHANE EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

330 SERIES • CAPACITY TO 3000

410

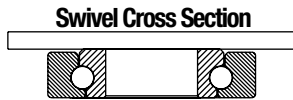
Contender™ Kingpinless Casters



Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

TYPICAL APPLICATIONS

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



FEATURES

- **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 raceway. Zerk in swivel section.
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



BRAKE OPTIONS

Poly Cam
specify **P**



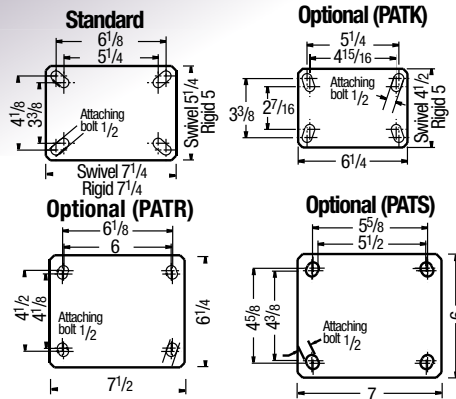
Single Side specify **SSB410**. **Double Sided** specify **DSB410**

New! Face Contact
specify **FBB**



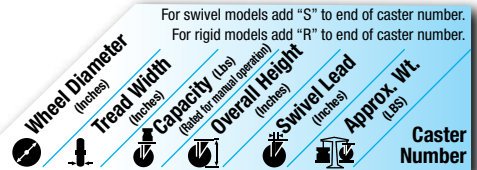
Hand Operated **Swivel Lock**
specify **SL4000000**

MOUNTING PLATE

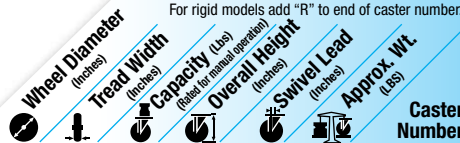


New! Contender S410 Spring Loaded Caster

Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. To order put "S" in front of Caster Number (Example (S410MR06401S):



For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.



X-tra Soft Round Tread (01 Roller Bearing)*

| | | | | | |
|----|-------|-----|--------|-------|-------------------|
| 10 | 2 1/2 | 850 | 12 1/2 | 3 3/8 | 410XR10401 |
|----|-------|-----|--------|-------|-------------------|

Prevenz™ antimicrobial models available. Add PREV to end of caster number.
*Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 410XR10428



Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 6 | 2 1/2 | 700 | 8 | 2 7/32 | 410MR06401 |
| 6 | 3 | 750 | 8 | 2 7/32 | 410MR06501 |
| 8 | 2 1/2 | 850 | 10 1/2 | 2 15/16 | 410MR08401 |
| 8 | 3 | 900 | 10 1/2 | 2 15/16 | 410MR08501 |
| 10 | 2 1/2 | 950 | 12 1/2 | 3 3/8 | 410MR10401 |
| 10 | 3 | 1000 | 12 1/2 | 3 3/8 | 410MR10501 |
| 12 | 2 1/2 | 950 | 15 1/2 | 4 5/16 | 410MR12401 |
| 12 | 3 | 1200 | 15 1/2 | 4 5/16 | 410MR12501 |

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



Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing) NEW MODEL!

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 8 | 2 1/2 | 1300 | 10 1/2 | 2 15/16 | 410MH08401 |
| 10 | 3 | 1500 | 12 1/2 | 3 3/8 | 410MH10401 |
| 10 | 2 1/2 | 1800 | 12 1/2 | 3 3/8 | 410MH10501 |
| 12 | 3 | 1700 | 15 1/2 | 4 5/16 | 410MH12401 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 410MH10409



Polyurethane on Aluminum (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 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 | 4 5/16 | 410PD10401 |
| 10 | 3 | 3000 | 12 1/2 | 4 5/16 | 410PD10501 |

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



Polyurethane on Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|---------|-------------------|
| 6 | 2 1/2 | 1620 | 8 | 2 7/32 | 410PY06401 |
| 6 | 3 | 240 | 8 | 2 7/32 | 410PY06501 |
| 8 | 2 1/2 | 2010 | 10 1/2 | 2 15/16 | 410PY08401 |
| 8 | 3 | 2520 | 10 1/2 | 2 15/16 | 410PY08501 |
| 10 | 2 1/2 | 2370 | 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 | 3420 | 15 1/2 | 4 5/16 | 410PY12501 |

Prevenz™ antimicrobial models available (add PREV).
*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 410PY10509



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Rated for normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Rated for normal operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Thick Tread Polyurethane (01 Roller Bearing)*


| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 6 | 3 | 2040 | 8 | 27/32 | 410PX06501 |
| 8 | 3 | 2520 | 10 1/2 | 215/16 | 410PX08501 |
| 10 | 2 1/2 | 2370 | 12 1/2 | 33/8 | 410PX10401 |
| 10 | 3 | 3000 | 12 1/2 | 33/8 | 410PX10501 |
| 12 | 2 1/2 | 2370 | 15 1/2 | 45/16 | 410PX12401 |
| 12 | 3 | 3420 | 15 1/2 | 45/16 | 410PX12501 |

PX 

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

Phenolic (01 Roller Bearing)*


| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410TM10401 |
| 10 | 3 | 2900 | 12 1/2 | 33/8 | 410TM10501 |
| 12 | 2 1/2 | 3000 | 15 1/2 | 45/16 | 410TM12401 |
| 12 | 3 | 3500 | 15 1/2 | 45/16 | 410TM12501 |

TM 

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


Polyurethane on Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410PI10401 |
| 10 | 3 | 3000 | 12 1/2 | 33/8 | 410PI10501 |
| 12 | 2 1/2 | 2500 | 15 1/2 | 45/16 | 410PI12401 |
| 12 | 3 | 3500 | 15 1/2 | 45/16 | 410PI12501 |

PI 


Trionix™ NX High Impact Polymer (28 Precision Ball Bearings)

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410NX10428 |
| 10 | 3 | 5400 | 12 1/2 | 33/8 | 410NX10528 |

NX 

Vulkollan on Cast Iron (01 Roller Bearing)*


| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410VY10501 |

VY 

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

Cast Iron (01 Roller Bearing)*


| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410CA10401 |
| 10 | 3 | 2800 | 12 1/2 | 33/8 | 410CA10501 |
| 12 | 3 | 2800 | 15 1/2 | 45/16 | 410CA12501 |

CA 

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

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*


| | | | | | |
|----|---|------|--------|--------|-------------------|
| 6 | 3 | 3000 | 8 | 27/32 | 410VX06501 |
| 8 | 3 | 4000 | 10 1/2 | 215/16 | 410VX08501 |
| 10 | 3 | 5000 | 12 1/2 | 33/8 | 410VX10501 |

VX 

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

V-Grooved Cast Iron (01 Roller Bearing)*


| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410VG10501 |

VG 

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

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)*

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410XP10428 |
| 10 | 3 | 2500 | 12 1/2 | 33/8 | 410XP10528 |

XP 

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Drop Forged V-Grooved Cast Iron (01 Roller Bearing)*


| | | | | | |
|---|---|-------|--------|--------|-------------------|
| 8 | 3 | 4100* | 10 1/2 | 215/16 | 410VF08501 |
|---|---|-------|--------|--------|-------------------|

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 410VF08509. 8x3 VF capacity increases to 5400.

VF 

Maxim® NR Noise Reduction (01 Roller Bearing)*


| | | | | | |
|----|-------|------|--------|------|-------------------|
| 10 | 2 1/2 | 1500 | 12 1/2 | 33/8 | 410NR10401 |
|----|-------|------|--------|------|-------------------|

NR 

Drop Forged Steel (01 Roller Bearing)*


| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 5000 | 12 1/2 | 33/8 | 410FS10501 |

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

FS 

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | |
|----|---|------|--------|------|-------------------|
| 10 | 3 | 2500 | 12 1/2 | 33/8 | 410NY10528 |
|----|---|------|--------|------|-------------------|

NY 


Ductile Iron Crowned Tread (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|--------|-------------------|
| 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 | 33/8 | 410FR10501 |

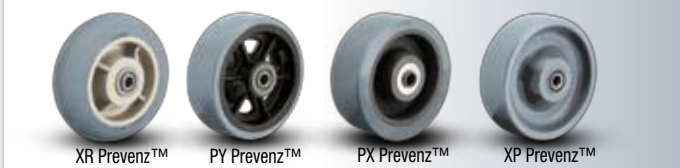
NEW MODEL!

*Tapered Roller (09) available.
(Tapered Roller example: 410FR06409).

Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 410FM06401.

FR, FM, VM 

Prevenz™ Antimicrobial Wheels



410 SERIES • CAPACITY TO 5400

610

NEW MODEL!

Contender™ Kingpinless Casters



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.

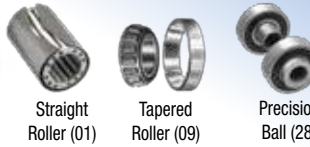
TYPICAL APPLICATIONS

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

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. Zerk 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

BEARING OPTIONS



RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory.
- Shear disk mounting consult factory.

BRAKE OPTIONS

Poly Cam
specify **P**



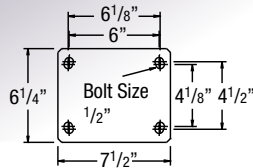
Single Side specify **SSB610**. **Double Sided** specify **DSB610**

Face Contact
specify **F**

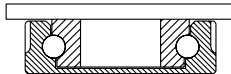


Hand Operated Swivel Lock
specify **SL6000000**

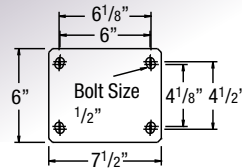
MOUNTING PLATE: SWIVEL



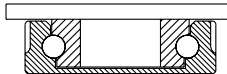
Swivel Cross Section



MOUNTING PLATE: RIGID



Swivel Cross Section



New! Contender S610 Spring Loaded Caster

Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. To order put "S" in front of Caster Number (Example: S610MR06401S).



S610 shown

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 | 3 | 840 | 10 1/2 | 2 1/4 | 610MR08501 |
| 10 | 3 | 1000 | 12 1/2 | 2 3/4 | 610MR10501 |
| 10 | 4 | 1400 | 12 1/2 | 2 3/4 | 610MR10701 |
| 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 |

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

MR

Polyurethane on Aluminum (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 610PD08409

PD

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1620 | 8 1/2 | 1 3/4 | 610PY06401 |
| 6 | 3 | 2040 | 8 1/2 | 1 3/4 | 610PY06501 |
| 8 | 2 1/2 | 2010 | 10 1/2 | 2 1/4 | 610PY08401 |
| 8 | 3 | 2520 | 10 1/2 | 2 1/4 | 610PY08501 |
| 8 | 3 | 3500 | 10 1/2 | 2 1/4 | 610PY08701 |
| 10 | 3 | 3000 | 12 1/2 | 2 3/4 | 610PY10501 |
| 10 | 4 | 4200 | 12 1/2 | 2 3/4 | 610PY10701 |
| 12 | 3 1/2 | 4110 | 15 1/2 | 3 5/8 | 610PY12601 |
| 12 | 4 | 4800 | 15 1/2 | 3 5/8 | 610PY12701 |
| 14 | 3 | 5000 | 18 | 4 3/8 | 610PY14701 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 610PY10509

PY

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1600 | 8 1/2 | 1 3/4 | 610PI06401 |
| 6 | 3 | 2000 | 8 1/2 | 1 3/4 | 610PI06501 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/4 | 610PI08401 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/4 | 610PI08501 |
| 10 | 2 1/2 | 2200 | 12 1/2 | 2 3/4 | 610PI10401 |
| 10 | 3 | 3000 | 12 1/2 | 2 3/4 | 610PI10501 |
| 12 | 2 1/2 | 2500 | 15 1/2 | 3 5/8 | 610PI12401 |
| 12 | 3 | 3500 | 15 1/2 | 3 5/8 | 610PI12501 |



Thick Tread Polyurethane (01 Roller Bearing)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 6 | 3 | 2040 | 8 1/2 | 1 3/4 | 610PX06501 |
| 8 | 3 | 2520 | 10 1/2 | 1 3/4 | 610PX08501 |
| 8 | 4 | 3500 | 10 1/2 | 2 1/4 | 610PX08701 |
| 10 | 3 | 3000 | 12 1/2 | 2 3/4 | 610PX10501 |
| 10 | 4 | 4200 | 12 1/2 | 2 3/4 | 610PX10701 |
| 12 | 4 | 4800 | 15 1/2 | 3 5/8 | 610PX12701 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 610PX10509

Vulkollan on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2350 | 8 1/2 | 1 3/4 | 610VY06401 |
| 6 | 3 | 3000 | 8 1/2 | 1 3/4 | 610VY06501 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 2 1/4 | 610VY08401 |
| 8 | 3 | 3025 | 10 1/2 | 2 1/4 | 610VY08501 |
| 10 | 3 | 3600 | 12 1/2 | 2 3/4 | 610VY10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 610VY10509

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 6 | 3 | 3000 | 8 1/2 | 1 3/4 | 610VX06501 |
| 8 | 3 | 4000 | 10 1/2 | 2 1/4 | 610VX08501 |
| 10 | 3 | 5000 | 12 1/2 | 2 3/4 | 610VX10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 610VX10509

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 |



Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Phenolic (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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

Trionix™ High Impact Polymer (28 Precision Ball Bearings)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 10 | 3 | 2500 | 12 1/2 | 2 3/4 | 610NY10528 |
|----|---|------|--------|-------|-------------------|



Trionix™ NX High Impact Polymer (28 Precision Ball Bearings)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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)*

| | | | | | |
|---|-------|------|--------|-------|-------------------|
| 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)

| | | | | | |
|----|---|--------|--------|-------|-------------------|
| 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

**Capacity increases to 9500 lbs. if specifying tapered roller bearing.

Drop Forged Steel (01 Roller Bearings)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 | 5000 | 10 1/2 | 2 1/4 | 610FS08501 |
| 10 | 3 | 5000 | 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,
10x4 capacity increases to 9500.

Heavy Duty Drop Forged Steel (01 Roller Bearings)*

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 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.
All FH models include 1" axle.

Ductile Iron Crowned Tread (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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.
(Tapered Roller example: 610FR06409).

Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 610FM06401.

FR, FM, VM

100

Shockmaster™ Kingpinless Casters



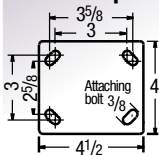
Particularly well-suited to any type of power-towed applications where impact and shock loading cause failure in conventional king bolt and nut swivel casters.

TYPICAL APPLICATIONS

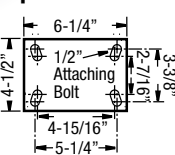
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

MOUNTING OPTIONS

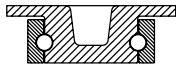
Standard Top Plate



Optional K Plate



Swivel Cross Section



FEATURES

- **Top Plate:** 1/4" thick AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- **Yoke Base:** Notched AISI 1023 steel hardened to 50 Rockwell C
- **Swivel Section:** 3/8" ball bearings mounted in a 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 Delrin, precision ball, and Oilex models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS



BRAKE OPTIONS

Cam specify **CB100**



Single Side specify **SSB100**. **Double Sided** specify **DSB100**.

NEW! Face Brake

Specify **FBB**



New! Face Brake specify **FBC**



Hand operated field installable swivel lock specify **SL160000**



Foot operated field installable swivel lock specify **SL160002**



Lasts Up to 10 Times Longer than the Competition

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|

Moldon Rubber on Cast Iron (02 Drawn Cup Roller Bearing)

| | | | | | | |
|---|---|-----|--------|---------|--|-------------------|
| 4 | 2 | 300 | 5 5/8 | 1 11/16 | | 100MR04202 |
| 5 | 2 | 450 | 6 1/2 | 1 11/16 | | 100MR05202 |
| 6 | 2 | 500 | 7 1/2 | 1 5/8 | | 100MR06202 |
| 8 | 2 | 600 | 10 1/8 | 1 3/4 | | 100MR08202 |

MR

Moldon Rubber on Aluminum (02 Drawn Cup Roller Bearing)

| | | | | | | |
|---|---|-----|--------|---------|--|-------------------|
| 4 | 2 | 400 | 5 5/8 | 1 11/16 | | 100MD04102 |
| 5 | 2 | 500 | 6 1/2 | 1 11/16 | | 100MD05102 |
| 6 | 2 | 550 | 7 1/2 | 1 5/8 | | 100MD06202 |
| 8 | 2 | 600 | 10 1/8 | 1 3/4 | | 100MD08202 |

MD

X-tra Soft (Flat Tread) (02 Drawn Cup Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|---------|--|-------------------|
| 4 | 2 | 350 | 5 5/8 | 1 11/16 | | 100XS04202 |
| 5 | 2 | 375 | 6 1/2 | 1 11/16 | | 100XS05202 |
| 6 | 2 | 600 | 7 1/2 | 1 5/8 | | 100XS06202 |
| 8 | 2 | 675 | 10 1/8 | 1 3/4 | | 100XS08202 |

XS

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.

Change "02" to other bearing code. Precision Ball example:

100XS04228. Note: For precision 6x2 and 8x2 cap. is 500lbs each.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-----------------------------------|--------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|----------------------|

X-tra Soft Round Tread (02 Drawn Cup Roller Bearing)*

| | | | | | | |
|---|---|-----|--------|-------|--|-------------------|
| 6 | 2 | 450 | 7 1/2 | 1 5/8 | | 100XR06202 |
| 8 | 2 | 600 | 10 1/8 | 1 3/4 | | 100XR08202 |

XR

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) and Delrin (51) Bearings available.
Change "02" to other bearing code. Precision Ball example: 100XR06228. Note: For precision 8x2 cap. is 500lbs each.

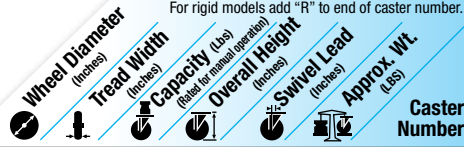
High Modulus Rubber on Aluminum (28 Precision Ball Bearings)

| | | | | | | |
|---|---|-----|--------|--------|--|-------------------|
| 5 | 2 | 300 | 6 1/2 | 1 3/8 | | 100RM05228 |
| 6 | 2 | 350 | 7 1/2 | 1 9/16 | | 100RM06228 |
| 8 | 2 | 450 | 10 1/8 | 2 1/4 | | 100RM08228 |

RM

NEW MODEL! For black tread specify "RL" wheel code (example 110RL05228).

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.



Pneumatic (27 Industrial Ball Bearing)

| | | | | | | | |
|-----------|--|---|---|-----|--------|-------|--|
| SF | | 6 | 2 | 200 | 7 1/2 | 1 5/8 | 100SF06227 100SF08227 |
| | | 8 | 2 | 210 | 10 1/8 | 1 3/4 | |

Polypropylene (02 Drawn Cup Roller Bearing)*

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| PB | | 4 | 2 | 450 | 5 5/8 | 1 11/16 | 100PB04202 100PB05202 100PB06202 100PB08202 |
| | | 5 | 2 | 650 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 750 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1000 | 10 1/8 | 1 3/4 | |

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 100PB04251.

White Polypropylene (41 Plain Bore)

| | | | | | | | |
|-----------|--|---|---|-----|-------|---------|---|
| PW | | 4 | 2 | 450 | 5 5/8 | 1 11/16 | 100PW04241 100PW05241 100PW06241 |
| | | 5 | 2 | 650 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 750 | 7 1/2 | 1 5/8 | |

Fiberglass Filled Polypropylene (01 Roller Bearing)*

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| GP | | 4 | 2 | 350 | 5 5/8 | 1 11/16 | 100GP04202 100GP05202 100GP06202 100GP08202 |
| | | 5 | 2 | 800 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1000 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1400 | 10 1/8 | 1 3/4 | |

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 100GP04251.

High Temp Polypropylene (41 Plain Bore)

| | | | | | | | |
|-----------|--|---|---|-----|--------|---------|--|
| RW | | 4 | 2 | 500 | 5 5/8 | 1 11/16 | 100RW04241 100RW05241 100RW06241 100RW08241 |
| | | 5 | 2 | 650 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 700 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 900 | 10 1/8 | 1 3/4 | |

Polyurethane on Aluminum (02 Drawn Cup)

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| PD | | 4 | 2 | 700 | 5 5/8 | 1 11/16 | 100PD04202 100PD05202 100PD06202 100PD08202 |
| | | 5 | 2 | 1050 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1230 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1500 | 10 1/8 | 1 3/4 | |

Polyurethane on Cast Iron (02 Drawn Cup Roller Bearing)

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| PI | | 4 | 2 | 700 | 5 5/8 | 1 11/16 | 100PI04202 100PI05202 100PI06202 100PI08202 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1200 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1400 | 10 1/8 | 1 3/4 | |

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearings)

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|---|
| PM | | 5 | 2 | 1000 | 6 1/2 | 1 11/16 | 100PM05228 100PM06228 100PM08228 |
| | | 6 | 2 | 1250 | 7 1/2 | 1 11/16 | |
| | | 8 | 2 | 1500 | 10 1/8 | 1 3/4 | |

Polyurethane on Polypropylene (02 Drawn Cup Roller)

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| XA | | 4 | 2 | 600 | 5 5/8 | 1 11/16 | 100XA04202 100XA05202 100XA06202 100XA08202 |
| | | 5 | 2 | 750 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 900 | 7 1/2 | 1 3/4 | |
| | | 8 | 2 | 1000 | 10 1/8 | 1 3/4 | |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

XA

X-Treme™ Solid Polyurethane (02 Drawn Cup Roller)*

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| XI | | 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 100XI04202 100XI05202 100XI06202 100XI08202 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1000 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1000 | 10 1/8 | 1 3/4 | |

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 100XI04229.

X-Treme™ Plus Solid Polyurethane (02 Drawn Cup Roller)*

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| XP | | 4 | 2 | 1400 | 5 5/8 | 1 11/16 | 100XP04202 100XP05202 100XP06202 100XP08202 |
| | | 5 | 2 | 1200 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1400 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1200 | 10 1/8 | 1 3/4 | |

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 100XP04228.

V-Grooved Polyurethane (02 Drawn Cup Roller Bearing)*

| | | | | | | | |
|-----------|--|---|---|-----|-------|---------|---|
| XV | | 4 | 2 | 300 | 5 5/8 | 1 11/16 | 100XV04202 100XV05202 100XV06202 |
| | | 5 | 2 | 300 | 6 1/2 | 1 11/8 | |
| | | 6 | 2 | 300 | 7 1/2 | 1 5/8 | |

Phenolic (02 Drawn Cup Roller Bearing)

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| TM | | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 100TM04202 100TM05202 100TM06202 100TM08202 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 11/8 | |
| | | 6 | 2 | 1200 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1400 | 10 1/8 | 1 3/4 | |

Straight Sided Phenolic (02 Drawn Cup Roller Bearing)

| | | | | | | | |
|-----------|--|---|---|------|-------|---------|---|
| TH | | 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 100TH04202 100TH05202 100TH06202 |
| | | 5 | 2 | 1200 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1400 | 7 1/2 | 1 5/8 | |

Maxim® (02 Drawn Cup Roller Bearing)*

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| NG | | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 100NG04202 100NG05202 100NG06202 100NG08202 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1200 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1400 | 10 1/8 | 1 3/4 | |

Prevenz™ antimicrobial models available. Add PREV to end of number.
*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Precision example: 100NG04228.

Maxim® NR Noise Reduction (02 Drawn Cup Bearing)*

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|--|
| NR | | 4 | 2 | 800 | 5 5/8 | 1 11/16 | 100NR04202 100NR05202 100NR06202 100NR08202 |
| | | 5 | 2 | 1000 | 6 1/2 | 1 11/16 | |
| | | 6 | 2 | 1200 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1400 | 10 1/8 | 1 3/4 | |

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "02" to other bearing code. Pedestal Precision example: 100NR04228.

White Nylon (01 Roller Bearing)*

| | | | | | | | |
|-----------|--|---|---|------|--------|---------|---|
| NW | | 5 | 2 | 600 | 6 1/2 | 1 11/16 | 100NW05202 100NW06202 100NW08202 |
| | | 6 | 2 | 900 | 7 1/2 | 1 5/8 | |
| | | 8 | 2 | 1100 | 10 1/8 | 1 3/4 | |

*Delrin (51) Bearings or plain bore (00) models available.
Change "01" example: 100NW05251.

100 SERIES • CAPACITY TO 2500

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Rate for manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Rate for manual operation)


Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)


Caster Number

Hi-Temp Nylon (02 Drawn Cup Roller Bearing)



| | | | | | |
|---|---|------|--------|---------|-------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 100HE04202 |
| 5 | 2 | 1000 | 6 1/2 | 1 11/16 | 100HE05202 |
| 6 | 2 | 1200 | 7 1/2 | 1 5/8 | 100HE06202 |
| 8 | 2 | 1400 | 10 1/8 | 1 3/4 | 100HE08202 |


HE



| | | | | | |
|---|---|------|--------|---------|-------------------|
| 5 | 2 | 1500 | 6 1/2 | 1 11/16 | 100CH05202 |
| 6 | 2 | 1700 | 7 1/2 | 1 5/8 | 100CH06202 |
| 8 | 2 | 1800 | 10 1/8 | 1 3/4 | 100CH08202 |


CH

Trionix™ High Impact Polymer (28 Precision Ball Bearings)



| | | | | | |
|---|---|------|--------|-------|-------------------|
| 8 | 2 | 1750 | 10 1/8 | 1 3/4 | 100NY08228 |
|---|---|------|--------|-------|-------------------|

NY




| | | | | | |
|---|-------|------|-------|---------|-------------------|
| 4 | 1 1/2 | 1400 | 5 5/8 | 1 11/16 | 100FS04102 |
| 5 | 1 3/4 | 1400 | 6 1/2 | 1 11/16 | 100FS05202 |
| 6 | 2 | 1500 | 7 1/2 | 1 5/8 | 100FS06202 |

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 100FS04109).


FS

Trionix™ NX High Impact Polymer (28 Precision Ball Bearings)



| | | | | | |
|---|---|------|--------|---------|-------------------|
| 4 | 2 | 2160 | 5 5/8 | 1 11/16 | 100NX04228 |
| 5 | 2 | 2160 | 6 1/2 | 1 11/16 | 100NX05228 |
| 6 | 2 | 2500 | 7 1/2 | 1 5/8 | 100NX06228 |
| 8 | 2 | 2500 | 10 1/8 | 1 3/4 | 100NX08228 |

NX




| | | | | | |
|---|---|------|-------|---------|-------------------|
| 4 | 2 | 800 | 5 5/8 | 1 11/16 | 100VG04102 |
| 5 | 2 | 800 | 6 1/2 | 1 11/16 | 100VG05202 |
| 6 | 2 | 1000 | 7 1/2 | 1 5/8 | 100VG06202 |

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 100VG04109).

A Tapered bearing in a Forge Steel wheel can increase capacities to 2000 lbs

VG


Cast Iron (02 Drawn Cup Roller Bearings)



| | | | | | |
|---|---|------|--------|---------|-------------------|
| 4 | 2 | 1000 | 5 5/8 | 1 11/16 | 100CA04202 |
| 5 | 2 | 1300 | 6 1/2 | 1 11/16 | 100CA05202 |
| 6 | 2 | 1400 | 7 1/2 | 1 5/8 | 100CA06202 |
| 8 | 2 | 1800 | 10 1/8 | 1 3/4 | 100CA08202 |

CA

Ductile Iron Crowned Tread (02 Drawn Cup Roller Bearing) NEW MODEL!



| | | | | | |
|---|---|------|--------|---------|-------------------|
| 5 | 2 | 1500 | 6 1/2 | 1 11/16 | 100FR05202 |
| 6 | 2 | 2000 | 7 1/2 | 5/8 | 100FR06202 |
| 8 | 2 | 2000 | 10 1/8 | 3/4 | 100FR08202 |

*Tapered Roller bearings (09) and Precision Ball (28) available. (Tapered Roller example: 100FR05209).

Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 100FM05201.

FR, FM

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. To order add "PREV" to end of caster number.



XS Prevenz™ XR Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

300

Shockmaster™ Kingpinless Casters



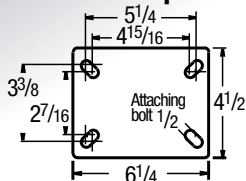
Extra heavy duty durable forged steel construction. Shockmaster through-hardened construction is much more durable than competitor's case or induction hardened construction.

TYPICAL APPLICATIONS

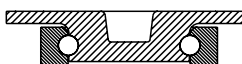
- Tire building support equipment
- Fixture carts
- Trash gondolas
- Drywall dollies
- Autoclave dollies

MOUNTING PLATE

Standard Top Plate



Swivel Cross Section



Premium Forged Steel

For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Moldon Rubber on Cast Iron (01 Roller Bearing)



MR

| | | | | | | |
|----|-------|------|--------|-------|--|------------|
| 6 | 2 1/2 | 700 | 7 1/2 | 1 1/2 | | 300MR06401 |
| 6 | 3 | 750 | 7 1/2 | 1 1/2 | | 300MR06501 |
| 8 | 2 1/2 | 850 | 10 1/8 | 2 1/4 | | 300MR08401 |
| 8 | 3 | 900 | 10 1/8 | 2 1/4 | | 300MR08501 |
| 10 | 2 1/2 | 950 | 11 1/2 | 2 1/2 | | 300MR10401 |
| 10 | 3 | 1000 | 11 1/2 | 2 1/2 | | 300MR10501 |
| 12 | 2 1/2 | 950 | 13 1/2 | 3 | | 300MR12401 |
| 12 | 3 | 1200 | 13 1/2 | 3 | | 300MR12501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300MR10409

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing)



MH

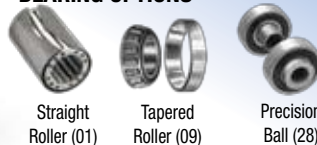
| | | | | | | |
|----|-------|------|--------|-------|--|------------|
| 8 | 2 1/2 | 1300 | 10 1/8 | 2 1/4 | | 300MH08401 |
| 10 | 2 1/2 | 1500 | 11 1/2 | 2 1/2 | | 300MH10401 |
| 10 | 3 | 1800 | 11 1/2 | 2 1/2 | | 300MH10501 |
| 12 | 2 1/2 | 1700 | 13 1/2 | 3 | | 300MH12401 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300MH10409

FEATURES

- **Top Plate:** 5/16" AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- **Swivel Section:** 1/2" ball bearings mounted in a 3" precision machined raceway. Zerk in swivel section.
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler, welded inside and out for added strength
- **Axle:** 3/4" diameter
- Alternate or custom caster configurations available

BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)

New! Contender S300 Spring Loaded Caster

To order put "S" in front of Caster Number (Example (S300MR06401S):



S610 shown

RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory.

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB300**. **Double Sided** specify **DSB300**

Face Contact
specify **F**



NEW! Face Brake
specify **FBB**

Hand Operated Detachable Swivel Lock specify **L**
Hand Operated Swivel Lock specify **SL3000000**



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

X-tra Soft Round Tread (01 Roller Bearing)*



XR

10 | 2 1/2 | 850 | 11 1/2 | 2 1/2 | 300XR10401

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 300XR10428

Polyurethane on Aluminum (01 Roller Bearing)*



PD

8 | 2 1/2 | 2010 | 10 1/8 | 2 1/4 | 300PD08401

8 | 3 | 2520 | 10 1/8 | 2 1/4 | 300PD08501

10 | 2 1/2 | 2370 | 11 1/2 | 2 1/2 | 300PD10401

10 | 3 | 3000 | 11 1/2 | 2 1/2 | 300PD10501

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "01" to bearing code. Tapered example: 300PD10409

Polyurethane on Cast Iron (01 Roller Bearing)



PY

6 | 2 1/2 | 1620 | 7 1/2 | 1 1/2 | 300PY06401

6 | 3 | 2040 | 7 1/2 | 1 1/2 | 300PY06501

8 | 2 1/2 | 2010 | 10 1/8 | 2 1/4 | 300PY08401

8 | 3 | 2520 | 10 1/8 | 2 1/4 | 300PY08501

10 | 2 1/2 | 2370 | 11 1/2 | 2 1/2 | 300PY10401

10 | 3 | 3000 | 11 1/2 | 2 1/2 | 300PY10501

12 | 2 1/2 | 2700 | 13 1/2 | 3 | 300PY12401

12 | 3 | 3420 | 13 1/2 | 3 | 300PY12501

Prevenz™ antimicrobial models available. Add PREV to end of caster number.

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300PY10409

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1600 | 7 1/2 | 1 1/2 | 300PI06401 |
| 6 | 3 | 2000 | 7 1/2 | 1 1/2 | 300PI06501 |
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 300PI08401 |
| 8 | 3 | 2500 | 10 1/8 | 2 1/4 | 300PI08501 |
| 10 | 2 1/2 | 2500 | 11 1/2 | 2 1/2 | 300PI10401 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/2 | 300PI10501 |
| 12 | 2 1/2 | 2500 | 13 1/2 | 3 | 300PI12401 |
| 12 | 3 | 2500 | 13 1/2 | 3 | 300PI12501 |



Thick Tread Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 3 | 2040 | 7 1/2 | 1 1/2 | 300PX06501 |
| 8 | 3 | 2520 | 10 1/8 | 2 1/4 | 300PX08501 |
| 10 | 2 1/2 | 2370 | 11 1/2 | 2 1/2 | 300PX10401 |
| 10 | 3 | 3000 | 11 1/2 | 2 1/2 | 300PX10501 |
| 12 | 2 1/2 | 2700 | 13 1/2 | 3 | 300PX12401 |
| 12 | 3 | 3420 | 13 1/2 | 3 | 300PX12501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300PX10509

Vulkollan on Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2350 | 7 1/2 | 1 1/2 | 300VY06401 |
| 6 | 3 | 3000 | 7 1/2 | 1 1/2 | 300VY06501 |
| 8 | 2 1/2 | 2900 | 10 1/8 | 2 1/4 | 300VY08401 |
| 8 | 3 | 4000 | 10 1/8 | 2 1/4 | 300VY08501 |
| 10 | 2 1/2 | 3450 | 11 1/2 | 2 1/2 | 300VY10401 |
| 10 | 3 | 5000 | 11 1/2 | 2 1/2 | 300VY10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300VY10509

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2350 | 7 1/2 | 1 1/2 | 300VX06401 |
| 6 | 3 | 3000 | 7 1/2 | 1 1/2 | 300VX06501 |
| 8 | 2 1/2 | 2900 | 10 1/8 | 2 1/4 | 300VX08401 |
| 8 | 3 | 4000 | 10 1/8 | 1 1/2 | 300VX08501 |
| 10 | 2 1/2 | 3450 | 11 1/2 | 2 1/2 | 300VX10401 |
| 10 | 3 | 5000 | 11 1/2 | 2 1/2 | 300VX10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300VX10409

X-treme Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 300XP08401 |
| 8 | 3 | 2000 | 10 1/8 | 2 1/4 | 300XP08501 |
| 10 | 2 1/2 | 2500 | 11 1/2 | 2 1/2 | 300XP10401 |
| 10 | 3 | 2500 | 11 1/2 | 2 1/2 | 300XP10501 |



*Precision Ball (28) bearings available. Change "01" to "28"
Example: 300XP10428. Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Phenolic (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1600 | 7 1/2 | 1 1/2 | 300TM06401 |
| 6 | 3 | 2000 | 7 1/2 | 1 1/2 | 300TM06501 |
| 8 | 2 1/2 | 2000 | 10 1/8 | 2 1/4 | 300TM08401 |
| 8 | 3 | 2500 | 10 1/8 | 2 1/4 | 300TM08501 |
| 10 | 2 1/2 | 2500 | 11 1/2 | 2 1/2 | 300TM10401 |
| 10 | 3 | 2900 | 11 1/2 | 2 1/2 | 300TM10501 |
| 12 | 2 1/2 | 3000 | 13 1/2 | 3 | 300TM12401 |
| 12 | 3 | 3500 | 13 1/2 | 3 | 300TM12501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300TM10409

Trionix™ High Impact Polymer (28 Precision Ball Bearings)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 10 | 3 | 2500 | 11 1/2 | 2 1/2 | 300NY10528 |
|----|---|------|--------|-------|-------------------|



Trionix™ NX High Impact Polymer (28 Precision Ball Bearings)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 5500 | 7 1/2 | 1 1/2 | 300NX06428 |
| 6 | 3 | 5500 | 7 1/2 | 1 1/2 | 300NX06528 |
| 8 | 2 1/2 | 5500 | 10 1/8 | 2 1/4 | 300NX08428 |
| 8 | 3 | 5500 | 10 1/8 | 1 1/2 | 300NX08528 |
| 10 | 2 1/2 | 5500 | 11 1/2 | 2 1/2 | 300NX10428 |
| 10 | 3 | 5500 | 11 1/2 | 2 1/2 | 300NX10528 |



Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2000 | 7 1/2 | 1 1/2 | 300CA06401 |
| 6 | 3 | 2800 | 7 1/2 | 1 1/2 | 300CA06501 |
| 8 | 2 1/2 | 2300 | 10 1/8 | 2 1/4 | 300CA08401 |
| 8 | 3 | 2800 | 10 1/8 | 2 1/4 | 300CA08501 |
| 10 | 2 1/2 | 2300 | 11 1/2 | 2 1/2 | 300CA10401 |
| 10 | 3 | 2800 | 11 1/2 | 2 1/2 | 300CA10501 |
| 12 | 3 | 2800 | 13 1/2 | 3 | 300CA12501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300CA10409

V-Grooved Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2500 | 7 1/2 | 1 1/2 | 300VG06401 |
| 8 | 2 1/2 | 2500 | 10 1/8 | 2 1/4 | 300VG08401 |
| 8 | 3 | 2500 | 10 1/8 | 2 1/4 | 300VG08501 |
| 10 | 3 | 3500 | 11 1/2 | 2 1/2 | 300VG10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300VG10509.

Drop Forged Steel V-Grooved (01 Roller Bearing)*

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 8 | 3 | 5500 | 10 1/8 | 2 1/4 | 300VF08501 |
| 10 | 3 | 5500 | 11 1/2 | 2 1/2 | 300VF10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300VF10509. Note: Capacity increases to 5,500lbs on VF model.

Drop Forged Steel (01 Roller Bearings)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 4000 | 7 1/2 | 1 1/2 | 300FS06401 |
| 8 | 2 1/2 | 4000 | 10 1/8 | 2 1/4 | 300FS08401 |
| 8 | 3 | 5000 | 10 1/8 | 2 1/4 | 300FS08501 |
| 10 | 3 | 5000 | 11 1/2 | 2 1/2 | 300FS10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 300FS10409 Note: Capacity increases to 5,500lbs on 8" and 10" dia.

Ductile Iron Crowned Tread (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 3500 | 7 1/2 | 1 1/2 | 300FR06401 |
| 6 | 3 | 5500 | 7 1/2 | 1 1/2 | 300FR06501 |
| 8 | 3 | 5500 | 10 1/8 | 2 1/4 | 300FR08501 |
| 10 | 3 | 5500 | 11 1/2 | 2 1/2 | 300FR10501 |



*Tapered Roller (09) available.
(Tapered Roller example: 300FR08509).
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 300FM08501.

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1600 | 8 | 2 1/4 | 400PI06401 |
| 6 | 3 | 2000 | 8 | 2 1/4 | 400PI06501 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 400PI08401 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 400PI08501 |
| 10 | 2 1/2 | 2200 | 12 1/2 | 2 1/2 | 400PI10401 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 400PI10501 |
| 12 | 2 1/2 | 2500 | 15 1/2 | 2 1/2 | 400PI12401 |
| 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 400PI12501 |



PI

Thick Tread Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 3 | 2040 | 8 | 2 1/4 | 400PX06501 |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 400PX08501 |
| 10 | 2 1/2 | 2370 | 12 1/2 | 2 1/2 | 400PX10401 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 400PX10501 |
| 12 | 2 1/2 | 2700 | 15 1/2 | 2 1/2 | 400PX12401 |
| 12 | 3 | 3420 | 15 1/2 | 2 1/2 | 400PX12501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400PX10509



PX

Vulkollan on Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2350 | 8 | 2 1/4 | 400VY06401 |
| 6 | 3 | 3000 | 8 | 2 1/4 | 400VY06501 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 2 1/2 | 400VY08401 |
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 400VY08501 |
| 10 | 2 1/2 | 3450 | 12 1/2 | 2 1/2 | 400VY10401 |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 400VY10501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VY10509



VY

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2350 | 8 | 2 1/4 | 400VX06401 |
| 6 | 3 | 3000 | 8 | 2 1/4 | 400VX06501 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 2 1/2 | 400VX08401 |
| 8 | 3 | 3025 | 10 1/2 | 2 1/2 | 400VX08501 |
| 10 | 2 1/2 | 3450 | 12 1/2 | 2 1/2 | 400VX10401 |
| 10 | 3 | 3600 | 12 1/2 | 2 1/2 | 400VX10501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VX10509



VX

X-treme Plus Solid Polyurethane (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 400XP08401 |
| 8 | 3 | 2000 | 10 1/2 | 2 1/2 | 400XP08501 |
| 10 | 2 1/2 | 2500 | 13 1/2 | 2 1/2 | 400XP10401 |
| 10 | 3 | 2500 | 13 1/2 | 2 1/2 | 400XP10501 |

*Precision Ball (28) bearings available. Change "01" to "28"
Example: 400XP10428. Prevenz™ antimicrobial models available.
Add PREV to end of caster number.



XP

Phenolic (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1600 | 8 | 2 1/4 | 400TM06401 |
| 6 | 3 | 2000 | 8 | 2 1/4 | 400TM06501 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 400TM08401 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 400TM08501 |
| 10 | 2 1/2 | 2500 | 12 1/2 | 2 1/2 | 400TM10401 |
| 10 | 3 | 2900 | 12 1/2 | 2 1/2 | 400TM10501 |
| 12 | 2 1/2 | 3000 | 15 1/2 | 2 1/2 | 400TM12401 |
| 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 400TM12501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400TM10409



TM

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 10 | 3 | 2500 | 12 1/2 | 2 1/2 | 400NY10528 |
|----|---|------|--------|-------|-------------------|



NY

Trionix™ NX High Impact Polymer (28 Precision Ball Bearings)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 5500 | 8 | 2 1/4 | 400NX06428 |
| 6 | 3 | 5500 | 8 | 2 1/4 | 400NX06528 |
| 8 | 2 1/2 | 5500 | 10 1/2 | 2 1/2 | 400NX08428 |
| 8 | 3 | 5500 | 10 1/2 | 2 1/2 | 400NX08528 |
| 10 | 2 1/2 | 5500 | 12 1/2 | 2 1/2 | 400NX10428 |
| 10 | 3 | 5500 | 12 1/2 | 2 1/2 | 400NX10528 |



NX

Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2000 | 8 | 2 1/4 | 400CA06401 |
| 6 | 3 | 2800 | 8 | 2 1/4 | 400CA06501 |
| 8 | 2 1/2 | 2300 | 10 1/2 | 2 1/2 | 400CA08401 |
| 8 | 3 | 2800 | 10 1/2 | 2 1/2 | 400CA08501 |
| 10 | 2 1/2 | 2300 | 12 1/2 | 2 1/2 | 400CA10401 |
| 10 | 3 | 2800 | 12 1/2 | 2 1/2 | 400CA10501 |
| 12 | 3 | 2800 | 15 1/2 | 2 1/2 | 400CA12501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400CA10409



CA

V-Grooved Cast Iron (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2500 | 8 | 2 1/4 | 400VG06401 |
| 8 | 2 1/2 | 2500 | 10 1/2 | 2 1/2 | 400VG08401 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 400VG08501 |
| 10 | 3 | 3500 | 12 1/2 | 2 1/2 | 400VG10501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VG10509



VG

Drop Forged Steel V-Grooved (01 Roller Bearing)*

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 8 | 3 | 5500 | 10 1/2 | 2 1/2 | 400VF08501 |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 400VF10501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VF08509. 8x3 VF capacity increases to 5500lbs.



VF

Drop Forged Steel (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 4000 | 8 | 2 1/4 | 400FS06401 |
| 8 | 2 1/2 | 4000 | 10 1/2 | 2 1/2 | 400FS08401 |
| 8 | 3 | 4100 | 10 1/2 | 2 1/2 | 400FS08501 |
| 10 | 3 | 5100 | 12 1/2 | 2 1/2 | 400FS10501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400FS10509. 6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5500, 10x3 capacity increases to 5500.



FS

Ductile Iron Crowned Tread (01 Roller Bearing)*

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 3500 | 8 | 2 1/4 | 400FR06401 |
| 6 | 3 | 5500 | 8 | 2 1/4 | 400FR06501 |
| 8 | 3 | 5500 | 10 1/2 | 2 1/2 | 400FR08501 |
| 10 | 3 | 5500 | 12 1/2 | 2 1/2 | 400FR10501 |

*Tapered Roller (09) available.
(Tapered Roller example: 400FR08509).
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.
Change FR wheel code to FM or VM. Example: 400FM08501.



FR, FM, VM

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



XR Prevenz™ PY Prevenz™ PX Prevenz™ XP Prevenz™

600

Shockmaster™ Kingpinless Casters

RIG OPTIONS

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

BRAKE OPTIONS

Poly Cam
specify **P**

Single Side specify **SSB600**. **Double Sided** specify **DSB600**

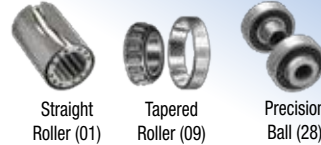
Face Contact
specify **F**

Hand Operated Detachable Swivel Lock specify **L**.
Hand Operated field installable Swivel Lock specify **SL6000000**

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

BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)

New! Contender S600 Spring Loaded Caster

To order put "S" in front of Caster Number (Example (S600MR06401S):



S610 shown

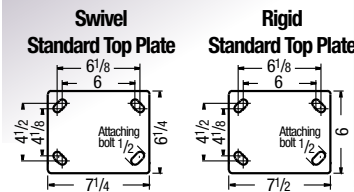


Highly recommended for automotive and aerospace applications. This caster is built to take the punishment of constant swiveling or for service where shock or impact loads might damage less rugged casters.

TYPICAL APPLICATIONS

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

MOUNTING PLATE



For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number. For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 700 | 8 1/2 | 2 1/2 | 600MR06401 |
| 6 | 3 | 750 | 8 1/2 | 2 1/2 | 600MR06501 |
| 8 | 2 1/2 | 850 | 10 1/2 | 2 1/2 | 600MR08401 |
| 8 | 3 | 900 | 10 1/2 | 2 1/2 | 600MR08501 |
| 10 | 3 | 1000 | 12 1/2 | 2 1/2 | 600MR10501 |
| 10 | 4 | 1400 | 12 1/2 | 2 1/2 | 600MR10701 |
| 12 | 3 1/2 | 1500 | 15 1/2 | 2 1/2 | 600MR12601 |
| 12 | 4 | 1600 | 15 1/2 | 2 1/2 | 600MR12701 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600MR10509

Heavy Duty Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 8 | 2 1/2 | 1300 | 10 1/2 | 2 1/2 | 600MH08401 |
| 10 | 3 | 1800 | 12 1/2 | 2 1/2 | 600MH10501 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600MH10509

Polyurethane on Aluminum (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1620 | 8 1/2 | 2 1/2 | 600PY06401 |
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 600PY06501 |
| 8 | 2 1/2 | 2010 | 10 1/2 | 2 1/2 | 600PY08401 |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 600PY08501 |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 600PY08701 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 600PY10501 |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 600PY10701 |
| 12 | 3 1/2 | 4110 | 15 1/2 | 2 1/2 | 600PY12601 |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 600PY12701 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600PY06409

Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs) (Based on manual operation)

Overall Height (Inches)


Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number


Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 1600 | 8 1/2 | 2 1/2 | 600PI06401 |
| 6 | 3 | 2000 | 8 1/2 | 2 1/2 | 600PI06501 |
| 8 | 2 1/2 | 2000 | 10 1/2 | 2 1/2 | 600PI08401 |
| 8 | 3 | 2500 | 10 1/2 | 2 1/2 | 600PI08501 |
| 10 | 2 1/2 | 2200 | 12 1/2 | 2 1/2 | 600PI10401 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 600PI10501 |
| 12 | 2 1/2 | 2500 | 15 1/2 | 2 1/2 | 600PI12401 |
| 12 | 3 | 3500 | 15 1/2 | 2 1/2 | 600PI12501 |



Cast Iron (01 Roller Bearing)


| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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

Thick Tread Polyurethane (01 Roller Bearing)


| | | | | | |
|----|---|------|--------|-------|-------------------|
| 6 | 3 | 2040 | 8 1/2 | 2 1/2 | 600PX06501 |
| 8 | 3 | 2520 | 10 1/2 | 2 1/2 | 600PX08501 |
| 8 | 4 | 3500 | 10 1/2 | 2 1/2 | 600PX08701 |
| 10 | 3 | 3000 | 12 1/2 | 2 1/2 | 600PX10501 |
| 10 | 4 | 4200 | 12 1/2 | 2 1/2 | 600PX10701 |
| 12 | 4 | 4800 | 15 1/2 | 2 1/2 | 600PX12701 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600PX10509

V-Grooved Cast Iron (01 Roller Bearing)*


| | | | | | |
|---|-------|------|--------|-------|-------------------|
| 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 | 4000 | 10 1/2 | 2 1/2 | 600VG08501 |



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

Vulkollan on Cast Iron (01 Roller Bearing)


| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2350 | 8 1/2 | 2 1/2 | 600VY06401 |
| 6 | 3 | 3000 | 8 1/2 | 2 1/2 | 600VY06501 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 2 1/2 | 600VY08401 |
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 600VY08501 |
| 10 | 2 1/2 | 3450 | 12 1/2 | 2 1/2 | 600VY10401 |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 600VY10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600VY10509

Drop Forged Steel V-Grooved (01 Roller Bearing)


| | | | | | |
|----|---|--------|--------|-------|-------------------|
| 6 | 3 | 6000** | 8 1/2 | 2 1/2 | 600VF06501 |
| 8 | 4 | 6000** | 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: 600VF0509
**Capacity increases to 10000 lbs. if specifying tapered roller bearing.

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)


| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 6 | 2 1/2 | 2350 | 8 1/2 | 2 1/2 | 600VX06401 |
| 6 | 3 | 3000 | 8 1/2 | 2 1/2 | 600VX06501 |
| 8 | 2 1/2 | 2900 | 10 1/2 | 2 1/2 | 600VX08401 |
| 8 | 3 | 4000 | 10 1/2 | 2 1/2 | 600VX08501 |
| 10 | 2 1/2 | 3450 | 12 1/2 | 2 1/2 | 600VX10401 |
| 10 | 3 | 5000 | 12 1/2 | 2 1/2 | 600VX10501 |



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600VX10509

Drop Forged Steel (01 Roller Bearings)*


| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 | 5000 | 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.

X-treme Plus Solid Polyurethane (01 Roller Bearing)


| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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"
Example: 600XP08428. Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

Heavy Duty Drop Forged Steel (01 Roller Bearings)*


| | | | | | |
|----|---|------|--------|-------|-------------------|
| 8 | 3 | 6000 | 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.

Phenolic (01 Roller Bearing)


| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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

Ductile Iron Crowned Tread (01 Roller Bearing)


| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 |



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

Trionix™ NX High Impact Polymer (28 Precision Ball Bearings)

| | | | | | |
|----|-------|------|--------|-------|-------------------|
| 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 |



Prevenz™ Antimicrobial Wheels



700

Shockmaster™ Kingpinless Casters



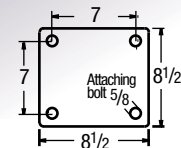
These super duty casters are built specifically for that severe application where reliability is essential.

TYPICAL APPLICATIONS

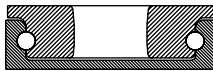
- Aircraft engine stands
- Ground support equipment
- Aerospace A-frame skin dollies
- Portable jigs
- Tooling fixtures
- Die carts
- Large platform work

MOUNTING PLATE

Standard Top Plate



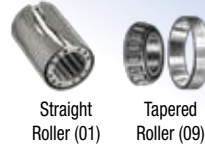
Swivel Cross Section



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

BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

RIG OPTIONS

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

BRAKE OPTIONS

Poly Cam
specify **P**



Face Contact
specify **F**

Hand Operated field installable
Swivel Lock
specify **SL7000000**



700 SERIES • CAPACITY TO 20000

New! Contender S700 Spring Loaded Caster

Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters. To order put "S" in front of Caster Number (Example (S700MR10701S)):



S610 shown

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (LBS) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

Moldon Rubber on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 10 | 4 | 1400 | 13 | 2 1/2 | 700MR10701 |
| 12 | 4 | 1600 | 15 1/2 | 3 1/4 | 700MR12701 |
| 16 | 4 | 2000 | 19 | 4 1/2 | 700MR16701 |
| 16 | 5 | 2570 | 19 | 4 1/2 | 700MR16801 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700MR10709

Polyurethane on Aluminum (09 Tapered Roller Bearing)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 12 | 6 | 7500 | 15 1/2 | 3 1/4 | 700PA12909 |
|----|---|------|--------|-------|-------------------|

Polyurethane on Cast Iron (01 Roller Bearing)

| | | | | | |
|----|---|------|--------|-------|-------------------|
| 8 | 4 | 3500 | 11 | 2 1/4 | 700PY08701 |
| 10 | 4 | 4200 | 13 | 2 1/2 | 700PY10701 |
| 10 | 5 | 5000 | 13 | 2 1/2 | 700PY10801 |
| 12 | 4 | 4800 | 15 1/2 | 3 1/4 | 700PY12701 |
| 12 | 5 | 6000 | 15 1/2 | 3 1/4 | 700PY12801 |
| 16 | 4 | 5970 | 19 | 4 1/2 | 700PY16701 |
| 16 | 5 | 7700 | 19 | 4 1/2 | 700PY16801 |

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700PY10709

Continue on next page

700 Series Continued

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number


For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number

Thick Tread Polyurethane (01 Roller Bearing)

| | | | | | |
|----|---|------|--------|-------|------------|
| 8 | 4 | 3500 | 11 | 2 1/4 | 700PX08701 |
| 10 | 4 | 4200 | 13 | 2 1/2 | 700PX10701 |
| 10 | 5 | 5000 | 13 | 2 1/2 | 700PX10801 |
| 12 | 4 | 4800 | 15 1/2 | 3 1/4 | 700PX12701 |
| 12 | 5 | 6000 | 15 1/2 | 3 1/4 | 700PX12801 |
| 16 | 4 | 5970 | 19 | 4 1/2 | 700PX16701 |
| 16 | 5 | 7700 | 19 | 4 1/2 | 700PX16801 |

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700PX10709




PX

Drop Forged Steel (01 Roller Bearings)*

| | | | | | |
|----|---|------|----|-------|------------|
| 8 | 4 | 8350 | 11 | 2 1/4 | 700FS08701 |
| 10 | 4 | 8350 | 13 | 2 1/2 | 700FS10701 |


*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700FS10509. Capacity increases to 10,000.



FS

Phenolic (09 Tapered Roller Bearing)


| | | | | | |
|----|---|------|--------|-------|------------|
| 12 | 4 | 8000 | 15 1/2 | 4 1/4 | 700TM12709 |
|----|---|------|--------|-------|------------|



TM

Heavy Duty Drop Forged Steel (09 Tapered Roller Bearings)

| | | | | | |
|----|---|-------|----|-------|------------|
| 8 | 4 | 20000 | 11 | 2 1/4 | 700FH08709 |
| 10 | 4 | 20000 | 13 | 2 1/2 | 700FH10709 |




FH

Cast Iron (01 Roller Bearing)

| | | | | | |
|----|---|------|----|-------|------------|
| 8 | 4 | 4000 | 11 | 2 1/4 | 700CA08701 |
| 10 | 4 | 4000 | 13 | 2 1/2 | 700CA10701 |


*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700CA10709



CA

Prevenz™ Antimicrobial Wheels


The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.



PY Prevenz™ PX Prevenz™

V-Grooved Drop Forged (01 Roller Bearing/09 Tapered Roller Bearing)


| | | | | | |
|----|---|-------|----|-------|------------|
| 8 | 4 | 10000 | 11 | 2 1/4 | 700VF08709 |
| 10 | 4 | 8350 | 13 | 2 1/2 | 700VF10701 |



VF

V-Grooved HD Drop Forged (09 Tapered Roller Bearing)

| | | | | | |
|----|---|-------|----|-------|------------|
| 8 | 4 | 15000 | 11 | 2 1/4 | 700VH08709 |
| 10 | 4 | 15000 | 13 | 2 1/2 | 700VH10709 |



VH

8500

Shockmaster™ Kingpinless Casters



This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. Equally at home in other extremely abusive and rugged applications.

TYPICAL APPLICATIONS

- Custom applications
- Towable transportation equipment
- Aircraft wing jacks and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

FEATURES

- **Top Plate:** 3/4" thick AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- **Yoke Base:** AISI 1045 steel forging welded using 100,000 psi weld filler to 3/4" thick adapter plate
- **Swivel Section:** 7/8" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section.
- **Legs:** 3/4" thick through-hardened steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY850**
- Spring-loaded models available, consult factory. Single models available also.

BRAKE OPTIONS

Face Contact specify **F**



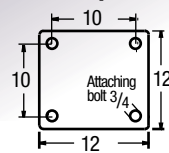
Hand Operated Detachable **Swivel Lock** specify **L**



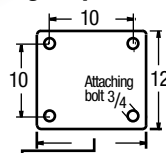
Hand Operated **Swivel Lock** specify **SL8000000**

MOUNTING PLATE

Swivel Top Plate



Rigid Top Plate



Swivel Cross Section



- 10" for 3" Wide Wheels
- 15-3/8" for 4 to 5" Wide Wheels
- 17-1/4" for 6" Wide Wheels
- 23-1/4" for 9" Wide Wheels

30,000 lbs Capacity!

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rate for normal operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|---------------|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| | | | | | | | |
|----|-------|-------|--------|-------|--|--------------------------|-------------------|
| 6 | 3 | 30000 | 11 | 3 1/4 | | HD Drop Forged | 850FH06509 |
| 10 | 4 | 30000 | 14 3/4 | 3 1/4 | | HD Drop Forged | 850FH10709 |
| 12 | 4 | 3200 | 15 3/4 | 3 1/4 | | Moldon Rubber/Iron Core | 850MR12701 |
| 12 | 4 | 9600 | 15 3/4 | 3 1/4 | | Polyurethane/Iron Core | 850PY12701 |
| 12 | 4 | 9600 | 15 3/4 | 3 1/4 | | Thick Tread Polyurethane | 850PX12701 |
| 12 | 4 1/2 | 6600 | 15 3/4 | 3 1/4 | | Press-on Polyurethane | 8500G12709 |
| 12 | 5 | 12000 | 15 3/4 | 3 1/4 | | Thick Tread Polyurethane | 850PX12801 |
| 12 | 6 | 15000 | 15 3/4 | 3 1/4 | | Polyurethane/Aluminum | 850PA12909 |
| 16 | 4 | 3980 | 19 3/4 | 4 1/2 | | Moldon Rubber/Iron Core | 850MR16701 |
| 16 | 4 | 11940 | 19 3/4 | 4 1/2 | | Polyurethane/Iron Core | 850PY16701 |
| 16 | 4 | 11940 | 19 3/4 | 4 1/2 | | Thick Tread Polyurethane | 850PX16701 |
| 16 | 5 | 5140 | 19 3/4 | 4 1/2 | | Moldon Rubber/Iron Core | 850MR16801 |
| 16 | 5 | 15400 | 19 3/4 | 4 1/2 | | Polyurethane/Iron Core | 850PY16801 |
| 16 | 5 | 15400 | 19 3/4 | 4 1/2 | | Thick Tread Polyurethane | 850PX16801 |
| 18 | 5 | 5600 | 22 | 5 1/4 | | Moldon Rubber/Iron Core | 850MR18801 |
| 18 | 5 | 16800 | 22 | 5 1/4 | | Polyurethane/Iron Core | 850PY18801 |
| 18 | 5 | 21800 | 22 | 4 1/2 | | Press-on Polyurethane | 8500G18809 |
| 18 | 9 | 20000 | 22 | 4 1/2 | | Press-on Polyurethane | 8500G18909 |



141

NEW MODEL!

Contender Poly Spring

BEARING OPTIONS



FEATURES

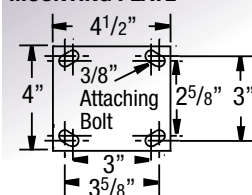
- Protects cargo from damaging shocks and unwanted vibration
- Unique polyurethane spring design is durable and corrosion resistant
- Solid spring material features no spring coil where debris can jam spring action
- Yellow Dichromate finish is attractive and features better corrosion resistance compared to zinc plating
- Rugged kingpinless caster rig
- Recommended for aircraft tripod jacks, portable medical equipment, computer equipment, or any shock sensitive load

This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. Equally at home in other extremely abusive and rugged applications.

TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment, computer equipment
- Any shock sensitive load


MOUNTING PLATE



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


| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Swivel Lead (Inches) | Caster Number |
|-------------------------|----------------------|--|----------------------|---------------|
|-------------------------|----------------------|--|----------------------|---------------|

Polyurethane on Aluminum 80A Durometer (28 Precision Ball Bearing)

| | | | | | |
|---|---|---|------|---|----------------|
|  | 5 | 2 | 1000 | 3 | 141PM05228S80A |
| | 6 | 2 | 1250 | 3 | 141PM06228S80A |
| | 8 | 2 | 1500 | 3 | 141PM08228S80A |


PM80A

Polyurethane on Aluminum 90A Durometer (28 Precision Ball Bearing)

| | | | | | |
|---|---|---|------|---|-------------|
|  | 5 | 2 | 1000 | 3 | 141PM05228S |
| | 6 | 2 | 1250 | 3 | 141PM06228S |
| | 8 | 2 | 1500 | 3 | 141PM08228S |


PM90A

High Modulus Grey (28 Precision Ball Bearing)

| | | | | | |
|---|---|---|-----|---|-------------|
|  | 5 | 2 | 300 | 3 | 141RM05228S |
| | 6 | 2 | 350 | 3 | 141RM06228S |
| | 8 | 2 | 450 | 3 | 141RM08228S |


RM

High Modulus Black (28 Precision Ball Bearing)

| | | | | | |
|---|---|---|-----|---|-------------|
|  | 5 | 2 | 300 | 3 | 141RL05228S |
| | 6 | 2 | 350 | 3 | 141RL06228S |
| | 8 | 2 | 450 | 3 | 141RL08228S |


RL

X-tra Soft Rubber Flat Tread (28 Precision Ball Bearing)

| | | | | | |
|---|---|---|-----|---|-------------|
|  | 5 | 2 | 375 | 3 | 141XS05228S |
| | 6 | 2 | 500 | 3 | 141XS06228S |
| | 8 | 2 | 500 | 3 | 141XS08228S |

XS

X-tra Soft Rubber Round Tread (28 Precision Ball Bearing)

| | | | | | |
|---|---|---|-----|---|------------|
|  | 6 | 2 | 450 | 3 | 14XR06228S |
| | 8 | 2 | 500 | 3 | 14XR08228S |

XR

Unique polyurethane spring design is durable and corrosion resistant

Poly Spring is Here!
Introducing a New Revolutionary Kingpinless Shock Absorbing Caster

Perfect for Automotive and Aviation Industry

ALBION
www.albioninc.com

NEW MODEL!

Shockmaster/Contender Spring Loaded Casters



FEATURES

- **Load Springs:** Different load springs for each series permits wide variation in ride "softness."
- **Complete Line:** Available on all 300 series to 700 series Shockmaster and Contender Kingpinless models. See Shockmaster and Contender section of catalog for more information.
- **Swivel Section:** Kingpinless design. Ball bearing mounted in a machined raceway.
- **Axle:** 3/4" diameter standard. Optional 1" diameter available.
- Alternate or custom caster configurations available

Available across our Shockmaster and Contender kingpinless line, our newly designed spring loaded casters offer greater capacity and protection from damaging shock or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

Albion offers many custom spring loaded solutions for the automotive and aviation industry.

TYPICAL APPLICATIONS

- Aviation Ground Support
- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads



Contender

\$310
\$410
\$610

Shockmaster

\$300
\$400
\$600
\$700

SHOCKMASTER/CONTENDER SPRING LOADED

Shockmaster/Contender Spring Loaded Casters

| Rig Number | Wheel Diameter (inches) | Tread Width (inches) | Capacity at 50 % Wheel Defl. | Total Whl. Deflection | Overall Height (no load) | Swivel Lead | Swivel Radius |
|-------------------------|-------------------------|----------------------|------------------------------|-----------------------|--------------------------|-------------|---------------|
| S300 Shockmaster | | | | | | | |
| S300YA06501R | 6 | 3 | 2000 | 1.30" | 10.88" | | |
| S300YA06501S | 6 | 3 | 2000 | 1.30" | 10.88" | 4.88" | 8.06" |
| S300YA08501R | 8 | 3 | 2000 | 1.30" | 11.88" | | |
| S300YA08501S | 8 | 3 | 2000 | 1.30" | 11.88" | 4.88" | 9.06" |
| S300YA10501R | 10 | 3 | 2000 | 1.30" | 14" | | |
| S300YA10501S | 10 | 3 | 2000 | 1.30" | 14" | 4.88" | 10.06" |
| S300YA12501R | 12 | 3 | 3000 | 1.30" | 16" | | |
| S300YA12501S | 12 | 3 | 3000 | 1.30" | 16" | 5.69" | 11.88" |
| S310 Contender | | | | | | | |
| S310YA06501R | 6 | 3 | 2000 | 1.30" | 10.88" | | |
| S310YA06501S | 6 | 3 | 2000 | 1.30" | 10.88" | 4.88" | 8.06" |
| S310YA08501R | 8 | 3 | 2000 | 1.30" | 11.88" | | |
| S310YA08501S | 8 | 3 | 2000 | 1.30" | 11.88" | 4.88" | 9.06" |
| S310YA10501R | 10 | 3 | 2000 | 1.30" | 14" | | |
| S310YA10501S | 10 | 3 | 2000 | 1.30" | 14" | 4.88" | 10.06" |
| S310YA12501R | 12 | 3 | 3000 | 1.30" | 16" | | |
| S310YA12501S | 12 | 3 | 3000 | 1.30" | 16" | 5.69" | 11.88" |
| S400 Shockmaster | | | | | | | |
| S400YA06501R | 6 | 3 | 2000 | 1.30" | 11" | | |
| S400YA06501S | 6 | 3 | 2000 | 1.30" | 11" | 4.88" | 8.06" |
| S400YA08501R | 8 | 3 | 2000 | 1.30" | 12" | | |
| S400YA08501S | 8 | 3 | 2000 | 1.30" | 12" | 4.88" | 9.06" |
| S400YA10501R | 10 | 3 | 2000 | 1.30" | 14.12" | | |
| S400YA10501S | 10 | 3 | 2000 | 1.30" | 14.12" | 4.88" | 10.06" |
| S400YA12401R | 12 | 2-1/2 | 2700 | 1.30" | 16.12" | | |
| S400YA12401S | 12 | 2-1/2 | 2700 | 1.30" | 16.12" | 5.69" | 11.81" |
| S400YA12501R | 12 | 3 | 3000 | 1.30" | 16.12" | | |
| S400YA12501S | 12 | 3 | 3000 | 1.30" | 16.12" | 5.69" | 11.88" |
| S410 Contender | | | | | | | |
| S410YA06501R | 6 | 3 | 2000 | 1.30" | 10.88" | | |
| S410YA06501S | 6 | 3 | 2000 | 1.30" | 10.88" | 4.88" | 8.06" |
| S410YA08501R | 8 | 3 | 2000 | 1.30" | 11.88" | | |
| S410YA08501S | 8 | 3 | 2000 | 1.30" | 11.88" | 4.88" | 9.06" |
| S410YA10501R | 10 | 3 | 2000 | 1.30" | 14.00" | | |
| S410YA10501S | 10 | 3 | 2000 | 1.30" | 14.00" | 4.88" | 10.06" |
| S410YA12501R | 12 | 3 | 3000 | 1.30" | 16.00" | | |
| S410YA12501S | 12 | 3 | 3000 | 1.30" | 16.00" | 5.69" | 11.88" |
| S600 Shockmaster | | | | | | | |
| S600YA06501R | 6 | 3 | 2000 | 1.30" | 11.75" | | |
| S600YA06501S | 6 | 3 | 2000 | 1.30" | 11.75" | 4.50" | 7.68" |
| S600YA08501R | 8 | 3 | 2000 | 1.30" | 12.75" | | |
| S600YA08501S | 8 | 3 | 2000 | 1.30" | 12.75" | 4.50" | 8.62" |
| S600YA10501R | 10 | 3 | 2000 | 1.30" | 14.88" | | |
| S600YA10501S | 10 | 3 | 2000 | 1.30" | 14.88" | 4.50" | 9.56" |
| S600YA10701R | 10 | 4 | 2000 | 1.30" | 14.88" | | |
| S600YA10701S | 10 | 4 | 2000 | 1.30" | 14.88" | 4.50" | 9.75" |
| S600YA10801R | 10 | 5 | 3000 | 1.30" | 14.88" | | |
| S600YA10801S | 10 | 5 | 3000 | 1.30" | 14.88" | 4.50" | 9.75" |

| Rig Number | Wheel Diameter (inches) | Tread Width (inches) | Capacity at 50 % Wheel Defl. | Total Whl. Deflection | Overall Height (no load) | Swivel Lead | Swivel Radius |
|-------------------------------------|-------------------------|----------------------|------------------------------|-----------------------|--------------------------|-------------|---------------|
| S600 Shockmaster (Continued) | | | | | | | |
| S600YA10801S | 10 | 5 | 3000 | 1.30" | 14.88" | 4.50" | 9.75" |
| S600YA12501R | 12 | 3 | 3000 | 1.30" | 16.88" | | |
| S600YA12501S | 12 | 3 | 3000 | 1.30" | 16.88" | 5.31" | 11.44" |
| S600YA12601R | 12 | 3-1/2 | 3000 | 1.30" | 16.88" | | |
| S600YA12601S | 12 | 3-1/2 | 3000 | 1.30" | 16.88" | 5.31" | 11.44" |
| S600YA12701R | 12 | 4 | 3000 | 1.30" | 16.88" | | |
| S600YA12701S | 12 | 4 | 3000 | 1.30" | 16.88" | 5.31" | 11.50" |
| S600YA12801R | 12 | 5 | 3000 | 1.30" | 16.88" | | |
| S600YA12801S | 12 | 5 | 3000 | 1.30" | 16.88" | 5.31" | 11.62" |
| S610 Contender | | | | | | | |
| S610YA06501R | 6 | 3 | 2000 | 1.30" | 11.75" | | |
| S610YA06501S | 6 | 3 | 2000 | 1.30" | 11.75" | 4.50" | 7.68" |
| S610YA08501R | 8 | 3 | 2000 | 1.30" | 12.75" | | |
| S610YA08501S | 8 | 3 | 2000 | 1.30" | 12.75" | 4.50" | 8.62" |
| S610YA10501R | 10 | 3 | 2000 | 1.30" | 14.88" | | |
| S610YA10501S | 10 | 3 | 2000 | 1.30" | 14.88" | 4.50" | 9.56" |
| S610YA10701R | 10 | 4 | 2000 | 1.30" | 14.88" | | |
| S610YA10701S | 10 | 4 | 2000 | 1.30" | 14.88" | 4.50" | 9.75" |
| S610YA10801R | 10 | 5 | 3000 | 1.30" | 14.88" | | |
| S610YA10801S | 10 | 5 | 3000 | 1.30" | 14.88" | 4.50" | 9.75" |
| S610YA12501R | 12 | 3 | 3000 | 1.30" | 16.88" | | |
| S610YA12501S | 12 | 3 | 3000 | 1.30" | 16.88" | 5.31" | 11.44" |
| S610YA12601R | 12 | 3-1/2 | 3000 | 1.30" | 16.88" | | |
| S610YA12601S | 12 | 3-1/2 | 3000 | 1.30" | 16.88" | 5.31" | 11.44" |
| S610YA12701R | 12 | 4 | 3000 | 1.30" | 16.88" | | |
| S610YA12701S | 12 | 4 | 3000 | 1.30" | 16.88" | 5.31" | 11.50" |
| S610YA12801R | 12 | 5 | 3000 | 1.30" | 16.88" | | |
| S610YA12801S | 12 | 5 | 3000 | 1.30" | 16.88" | 5.31" | 11.62" |
| S610YA14701R | 14 | 4 | 3000 | 1.30" | | | |
| S610YA14701S | 14 | 4 | 3000 | 1.30" | 19.88" | 6.13" | 13.50" |
| S700 Shockmaster | | | | | | | |
| S700YA08701R | 8 | 4 | 2000 | 1.30" | 13.12" | | |
| S700YA08701S | 8 | 4 | 2000 | 1.30" | 13.12" | 4.50" | 8.75" |
| S700YA10701R | 10 | 4 | 2000 | 1.30" | 15.25" | | |
| S700YA10701S | 10 | 4 | 2000 | 1.30" | 15.25" | 4.50" | 9.75" |
| S700YA10801R | 10 | 5 | 3000 | 1.30" | 15.25" | | |
| S700YA10801S | 10 | 5 | 3000 | 1.30" | 15.25" | 4.50" | 9.75" |
| S700YA12701R | 12 | 4 | 3000 | 1.30" | 17.25" | | |
| S700YA12701S | 12 | 4 | 3000 | 1.30" | 17.25" | 5.31" | 11.50" |
| S700YA12801R | 12 | 5 | 3000 | 1.30" | 17.25" | | |
| S700YA12801S | 12 | 5 | 3000 | 1.30" | 17.25" | 5.31" | 11.62" |
| S700YA12901R | 12 | 6 | 3000 | 1.30" | 17.25" | | |
| S700YA12901S | 12 | 6 | 3000 | 1.30" | 17.25" | 5.31" | 11.75" |

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Dual Wheel Casters

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263 Cantilever-Style Casters 133
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281 Cantilever-Style Casters 134
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272/290/295BBL/295TRL 143
Pneumatic Cantilever-Style Casters
Capacity to 7260 lbs.



GATECASTER:
02 Series Solid Rubber Casters 144
Capacity to 125 lbs.



GATECASTER:
14 Series Pneumatic Casters 144
Capacity to 210 lbs.



14 Series Polished Brass 145
Pneumatic Hospitality Casters
Capacity to 210 lbs.



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Perfect replacement tire for 146
pneumatic or semi-pneumatic
applications, Capacity to 350 lbs.

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Popular Aviation and Automotive Industry Casters

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216

Cantilever-Style Dual Wheel Casters



In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

FEATURES and OPTIONS

- See 16 Series section for features and mounting options. Note 216 Series is a dual wheel 16 Series.
- **Swivel Lock** (welded) specify **L**
- Foot operated field installable swivel lock specify **SL160002**

BEARING OPTIONS



Straight Roller (01)

Industrial Ball Bearing (27)

Pedestal Precision (29)

For swivel models add "SK" to end of caster number.
For rigid models add "RK" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Swivel Radius (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller Bearing (01) |
|-------------------------|----------------------|---|-------------------------|----------------------|------------------------|-------------------|---------------------|-----------------------------------|
| 3 1/4 | 1 1/2 | 280 | 4 1/4 | 1 3/4 | 4 5/8 | 5 3/4 | Mold-on Rubber/Iron | 216MR03101 |
| 3 1/4 | 1 1/2 | 840 | 4 1/4 | 1 3/4 | 4 5/8 | 5 1/2 | Polyurethane/Iron | 216PY03101 |
| 3 1/4 | 1 1/2 | 900 | 4 1/4 | 1 3/4 | 4 5/8 | 5 1/4 | Phenolic | 216TM03101 |
| 4 | 1 1/2 | 340 | 5 5/8 | 1 3/4 | 4 7/8 | 6 1/2 | Rubber | 216RR04101 |
| 4 | 1 1/2 | 500 | 5 5/8 | 1 3/4 | 4 7/8 | 8 | Mold-on Rubber/Iron | 216MR04101 |
| 4 | 1 1/2 | 500 | 5 5/8 | 1 3/4 | 4 7/8 | 6 | Mold-on Rubber/Alu. | 216MD04101 |
| 4 | 1 1/2 | 800 | 5 5/8 | 1 3/4 | 4 7/8 | 5 1/2 | Polypropylene | 216PB04101 |
| 4 | 1 1/2 | 900 | 5 5/8 | 1 3/4 | 4 7/8 | 5 3/4 | Phenolic | 216TM04101 |
| 4 | 1 1/2 | 900 | 5 5/8 | 1 3/4 | 4 7/8 | 5 3/4 | Polyurethane/Alum. | 216PD04101 |
| 5 | 1 1/2 | 480 | 6 1/2 | 1 5/8 | 5 1/4 | 7 1/2 | Rubber | 216RR05101 |
| 5 | 1 1/2 | 600 | 6 1/2 | 1 5/8 | 5 1/4 | 8 1/2 | Mold-on Rubber/Iron | 216MR05101 |
| 5 | 1 1/2 | 600 | 6 1/2 | 1 5/8 | 5 1/4 | 6 1/2 | Mold-on Rubber/Alu. | 216MD05101 |
| 5 | 1 1/2 | 900 | 6 1/2 | 1 5/8 | 5 1/4 | 6 1/4 | Polypropylene | 216PB05101 |
| 5 | 1 1/2 | 900 | 6 1/2 | 1 5/8 | 5 1/4 | 6 1/2 | Phenolic | 216TM05101 |
| 5 | 1 1/2 | 900 | 6 1/2 | 1 5/8 | 5 1/4 | 6 1/4 | Polyurethane/Alum. | 216PD05101 |
| 6 | 1 1/2 | 540 | 7 1/4 | 1 5/8 | 5 3/4 | 9 | Rubber | 216RR06101 |
| 6 | 1 1/2 | 900 | 7 1/4 | 1 5/8 | 5 3/4 | 7 | Polypropylene | 216PB06101 |
| 6 | 1 1/2 | 900 | 7 1/4 | 1 5/8 | 5 3/4 | 7 | Phenolic | 216TM06101 |
| 6 | 1 1/2 | 900 | 7 1/4 | 1 5/8 | 5 3/4 | 12 | Polyurethane/Alum. | 216PY06101 |
| 8 | 1 1/2 | 720 | 9 1/2 | 1 5/8 | 5 3/4 | 12 | Rubber | 216RR08101 |

See 16 Series section for wheel appearance and descriptions

Note: The same wheel kit can be used on the 12, 61, 62, 71 and 72 Series casters.

Field Installable Kits Also Available

Cantilever Kits

| Kit Number | For Series | Includes Axle |
|------------|------------|---------------|
| CK216000 | 16 | ZJ08120004 |

These include the axle, nut, and spacers required to mount two wheels on a standard rig.

263

Cantilever-Style Dual Wheel Casters



In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

FEATURES and OPTIONS

- See 63 Series section for features and mounting options. Note 263 Series is a dual wheel 63 Series.
- **Face Contact Brake** specify **F**
- **Swivel Lock** (welded) specify **L**

BEARING OPTIONS



Straight Roller (01)



Precision Ball (28)

Cantilever Kits

| Kit Number | For Series | Includes Axle |
|------------|------------|---------------|
| CK263000 | 63 | ZJ121300 |

These include the axle, nut, and spacers required to mount two wheels on a standard rig.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rate for manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Swivel Radius (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller (01) |
|-------------------------|----------------------|--|-------------------------|----------------------|------------------------|-------------------|---------------------------------|---------------------------|
| 4 | 2 | 700 | 6 | 2-1/4 | 5-7/8 | 14 | Mold-on Rubber/Iron | 263MR04201 |
| 4 | 2 | 700 | 6 | 2-1/4 | 5-7/8 | 12 | Mold-on Rubber/Alum. | 263MD04201 |
| 4 | 2 | 700 | 6 | 2-1/4 | 5-7/8 | 10 | X-tra Soft Rubber Flat Tread | 263XS04201 |
| 4 | 2 | 800 | 6 | 2-1/4 | 5-7/8 | 10 | Fiberglass Filled Polypropylene | 263GP04201 |
| 4 | 2 | 1600 | 6 | 2-1/4 | 5-7/8 | 10-3/4 | Phenolic | 263TM04201 |
| 4 | 2 | 1600 | 6 | 2-1/4 | 5-7/8 | 10-3/4 | Maxim | 263NG04201 |
| 4 | 2 | 1400 | 6 | 2-1/4 | 5-7/8 | 10 | Polyurethane/Alum. | 263PD04201 |
| 4 | 2 | 1200 | 6 | 2-1/4 | 5-7/8 | 10 | Polyurethane/Poly | 263XA04201 |
| 5 | 2 | 600 | 6-1/2 | 2-1/4 | 6-3/4 | 11 | White Nylon | 263NW05201 |
| 5 | 2 | 750 | 6-1/2 | 2-1/4 | 6-3/4 | 13 | X-tra Soft Rubber Flat Tread | 263XS05201 |
| 5 | 2 | 800 | 6-1/2 | 2-1/4 | 6-3/4 | 14-1/4 | Mold-on Rubber/Iron | 263MR05201 |
| 5 | 2 | 800 | 6-1/2 | 2-1/4 | 6-3/4 | 13 | Mold-on Rubber/Alum. | 263MD05201 |
| 5 | 2 | 1000 | 6-1/2 | 2-1/4 | 6-3/4 | 11 | Fiberglass Filled Polypropylene | 263GP05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 6-3/4 | 12 | Phenolic | 263TM05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 6-3/4 | 12 | Maxim | 263NG05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 6-3/4 | 12 | Polyurethane/Alum. | 263PD05201 |
| 5 | 2 | 1300 | 6-1/2 | 2-1/4 | 6-3/4 | 11 | Polypropylene | 263PB05201 |
| 5 | 2 | 1500 | 6-1/2 | 2-1/4 | 6-3/4 | 11 | Polyurethane/Poly | 263XA05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 6-3/4 | 11 | Cast Iron (Heavy Duty) | 263CH05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 6-3/4 | 11 | X-treme™ Solid Poly | 263XI05201 |
| 6 | 2 | 820 | 7-1/2 | 2-1/4 | 6-3/4 | 18 | Mold-on Rubber/Iron | 263MR06201 |
| 6 | 2 | 820 | 7-1/2 | 2-1/4 | 6-3/4 | 14 | Mold-on Rubber/ Alum. | 263MD06201 |
| 6 | 2 | 900 | 7-1/2 | 2-1/4 | 6-3/4 | 11 | White Nylon | 263NW06201 |
| 6 | 2 | 900 | 7-1/2 | 2-1/4 | 6-3/4 | 14 | X-tra Soft Rubber Round Tread | 263XR06201 |
| 6 | 2 | 1200 | 7-1/2 | 2-1/4 | 6-3/4 | 14 | X-tra Soft Rubber Flat Tread | 263XS06201 |
| 6 | 2 | 1200 | 7-1/2 | 2-1/4 | 6-3/4 | 11 | Fiberglass Filled Polypropylene | 263GP06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 6-3/4 | 14 | Phenolic | 263TM06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 6-3/4 | 14 | Maxim | 263NG06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 6-3/4 | 13-3/4 | Polyurethane/Alum. | 263PD06201 |
| 6 | 2 | 1500 | 7-1/2 | 2-1/4 | 6-3/4 | 11 | Polypropylene | 263PB06201 |
| 6 | 2 | 1400 | 7-1/2 | 2-1/4 | 6-3/4 | 12 | Polyurethane/Poly | 263XA06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 6-3/4 | 18 | Cast Iron (Heavy Duty) | 263CH06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 6-3/4 | 12 | X-treme™ Solid Poly | 263XI06201 |
| 8 | 2 | 1000 | 10-1/8 | 2-1/4 | 7-1/2 | 21-1/2 | Mold-on Rubber/Iron | 263MR08201 |
| 8 | 2 | 1000 | 10-1/8 | 2-1/4 | 7-1/2 | 16 | Mold-on Rubber/Alum. | 263MD08201 |
| 8 | 2 | 1100 | 10-1/8 | 2-1/4 | 7-1/2 | 13 | White Nylon | 263NW08201 |
| 8 | 2 | 1200 | 10-1/8 | 2-1/4 | 7-1/2 | 16 | X-tra Soft Rubber Round Tread | 263XR08201 |
| 8 | 2 | 1350 | 10-1/8 | 2-1/4 | 7-1/2 | 16 | X-tra Soft Rubber Flat Tread | 263XS08201 |
| 8 | 2 | 1400 | 10-1/8 | 2-1/4 | 7-1/2 | 13 | Fiberglass Filled Polypropylene | 263GP08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 7-1/2 | 17 | Phenolic | 263TM08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 7-1/2 | 17 | Maxim | 263NG08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 7-1/2 | 14 | Polyurethane/Alum. | 263PD08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 7-1/2 | 13 | Polypropylene | 263PB08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 7-1/2 | 14 | Cast Iron (Heavy Duty) | 263CH08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 7-1/2 | 14 | X-treme™ Solid Poly | 263XI08201 |

See 63 Series section for wheel appearance and descriptions.

281

Cantilever-Style Dual Wheel Casters



In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

FEATURES and OPTIONS

- See 81 Series section for features and mounting options. Note 281 Series is a dual wheel 81 Series.
- **Face Contact Brake** specify **F**
- **Swivel Lock** (welded) specify **L**

BEARING OPTIONS



Straight Roller (05)



Precision Ball (28)

For swivel models add "SK" to end of caster number.
For rigid models add "RK" to end of caster number.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Swivel Radius (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller Bearing (05), Precision Ball (28) |
|----|----------------------------|-------------------------|--|----------------------------|-------------------------|---------------------------|----------------------|----------------------------|---|
| 6 | 2-1/2 | 1080 | 7-5/8 | 1-1/2 | 6-5/8 | 28-1/2 | | Mold-on Rubber/Iron | 281MR06405 |
| 6 | 2-1/2 | 2000 | 7-5/8 | 1-1/2 | 6-5/8 | 17-3/4 | | Phenolic | 281TM06405 |
| 6 | 2-1/2 | 2000 | 7-5/8 | 1-1/2 | 6-5/8 | 26-3/4 | | Polyurethane/Iron | 281PY06405 |
| 6 | 2-1/2 | 2000 | 7-5/8 | 1-1/2 | 6-5/8 | 26-3/4 | | Vulkollan/Iron | 281VY06405 |
| 6 | 2-1/2 | 2000 | 7-5/8 | 1-1/2 | 6-5/8 | 26-3/4 | | Thick Tread Vulkollan/Iron | 281VX06405 |
| 6 | 2-1/2 | 2000 | 7-5/8 | 1-1/2 | 6-5/8 | | | Cast Iron | 281CA06405 |
| 6 | 2-1/2 | 2000 | 7-5/8 | 1-1/2 | 6-5/8 | | | Trinonix™ NX | 281NX06428 |
| 8 | 2-1/2 | 1700 | 10-1/8 | 2-1/4 | 7-7/8 | 29-1/4 | | Mold-on Rubber/Iron | 281MR08405 |
| 8 | 2-1/2 | 2000 | 10-1/8 | 2-1/4 | 7-7/8 | 20-1/2 | | Phenolic | 281TM08405 |
| 8 | 2-1/2 | 2000 | 10-1/8 | 2-1/4 | 7-7/8 | 34 | | Polyurethane/Iron | 281PY08405 |
| 8 | 2-1/2 | 2000 | 10-1/8 | 2-1/4 | 7-7/8 | 34 | | Vulkollan/Iron | 281VY08405 |
| 8 | 2-1/2 | 2000 | 10-1/8 | 2-1/4 | 7-7/8 | 34 | | Thick Tread Vulkollan/Iron | 281VX08405 |
| 8 | 2-1/2 | 2000 | 10-1/8 | 2-1/4 | 7-7/8 | | | Cast Iron | 281CA08405 |
| 8 | 2-1/2 | 2000 | 10-1/8 | 2-1/4 | 7-7/8 | | | Trinonix™ NX | 281NX08428 |
| 10 | 2-1/2 | 1580 | 11-1/2 | 2-1/2 | 9 | 35 | | Mold-on Rubber/Iron | 281MR10405 |
| 10 | 2-1/2 | 2000 | 11-1/2 | 2-1/2 | 9 | 24-1/2 | | Phenolic | 281TM10405 |
| 10 | 2-1/2 | 2000 | 11-1/2 | 2-1/2 | 9 | 40 | | Polyurethane/Iron | 281PY10405 |
| 10 | 2-1/2 | 2000 | 11-1/2 | 2-1/2 | 9 | 40 | | Vulkollan/Iron | 281VY10405 |
| 10 | 2-1/2 | 2000 | 11-1/2 | 2-1/2 | 9 | 40 | | Thick Tread Vulkollan/Iron | 281VX10405 |
| 10 | 2-1/2 | 2000 | 11-1/2 | 2-1/2 | 9 | | | Cast Iron | 281CA10405 |
| 10 | 2-1/2 | 2000 | 11-1/2 | 2-1/2 | 9 | | | Trinonix™ NX | 281NX10428 |
| 12 | 2-1/2 | 1800 | 13-1/2 | 3 | 10-1/4 | 42 | | Mold-on Rubber/Iron | 281MR12405 |
| 12 | 2-1/2 | 2000 | 13-1/2 | 3 | 10-1/4 | 31-1/4 | | Phenolic | 281TM12405 |
| 12 | 2-1/2 | 2000 | 13-1/2 | 3 | 10-1/4 | 51 | | Polyurethane/Iron | 281PY12405 |
| 12 | 2-1/2 | 2000 | 13-1/2 | 3 | 10-1/4 | | | Cast Iron | 281CA12405 |

See 81 Series section for wheel appearance and descriptions.

Cantilever Kits

| Kit Number | For Series | Includes Axle |
|------------|------------|---------------|
| CK281000 | 81 | ZJ121610 |

These include the axle, nut, and spacers required to mount two wheels on a standard rig.

290



In most instances, these casters offer greater capacity, while maintaining the lowest possible overall height. Differential action helps to reduce scrubbing when changing directions. Because they are made from the single wheel caster rig, cantilever-style dual wheel casters can be field built.

FEATURES and OPTIONS

- See 90 Series section for features and mounting options. Note: 290 Series is a dual wheel 95 Series. 295 Series is a dual wheel 95 Series.

- **Swivel Lock** (welded) specify **L**

BEARING OPTIONS



Straight Roller (01)



Precision Ball (28)

Cantilever-Style Dual Wheel Casters

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rate for minimal operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Swivel Radius (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller (01), Precision Ball (28) |
|-------------------------|----------------------|---|-------------------------|----------------------|------------------------|-------------------|-------------------------------|--|
| 8 | 3 | 1700 | 10-1/2 | 2-1/2 | 8-1/2 | 37-3/4 | Mold-on Rubber/Iron | 290MR08501 |
| 8 | 3 | 3500 | 10-1/2 | 2-1/2 | 8-1/2 | 28-1/4 | Phenolic | 290TM08501 |
| 8 | 3 | 3500 | 10-1/2 | 2-1/2 | 8-1/2 | | X-treme™ Plus Solid Poly | 290XP08528 |
| 8 | 3 | 3500 | 10-1/2 | 2-1/2 | 8-1/2 | 45-1/4 | Polyurethane/Iron | 290PY08501 |
| 8 | 3 | 3500 | 10-1/2 | 2-1/2 | 8-1/2 | 45-1/4 | Vulkollan/Iron | 290VY08501 |
| 8 | 3 | 3500 | 10-1/2 | 2-1/2 | 8-1/2 | 45-1/4 | Thick Tread Polyurethane/Iron | 290PX08501 |
| 8 | 3 | 3500 | 10-1/2 | 2-1/2 | 8-1/2 | 45-1/4 | Thick Tread Vulkollan/Iron | 290VX08501 |
| 8 | 3 | 3500 | 10-1/2 | 2-1/2 | 8-1/2 | 45-1/4 | Trionix™ | 290NX08528 |
| 10 | 3 | 2000 | 12-1/2 | 2-1/2 | 9-1/4 | 48 | Mold-on Rubber/Iron | 290MR10501 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 34 | Phenolic | 290TM10501 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 34 | X-treme™ Plus Solid Poly | 290XP10528 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 34 | Trionix™ | 290NY10528 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 51-1/2 | Polyurethane/Iron | 290PY10501 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 51-1/2 | Vulkollan/Iron | 290VY10501 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 51-1/2 | Thick Tread Polyurethane/Iron | 290PX10501 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 51-1/2 | Thick Tread Vulkollan/Iron | 290VX10501 |
| 10 | 3 | 3500 | 12-1/2 | 2-1/2 | 9-1/4 | 51-1/2 | Trionix™ | 290NX10528 |
| 12 | 3 | 2280 | 15-1/2 | 2-1/2 | 10-1/8 | 54 | Mold-on Rubber/Iron | 290MR12501 |
| 12 | 3 | 3500 | 15-1/2 | 2-1/2 | 10-1/8 | 38-1/2 | Phenolic | 290TM12501 |
| 12 | 3 | 3500 | 15-1/2 | 2-1/2 | 10-1/8 | 74-1/2 | Polyurethane/Iron | 290PY12501 |
| 12 | 3 | 3500 | 15-1/2 | 2-1/2 | 10-1/8 | 74-1/2 | Thick Tread Polyurethane/Iron | 290PX12501 |

For swivel models add "SK" to end of caster number.
For rigid models add "RK" to end of caster number.

See 90 Series section for wheel appearance and descriptions.

Cantilever Kits

| Kit Number | For Series | Includes Axle |
|------------|------------|---------------|
| CK290000 | 90 | ZJ121600 |

These include the axle, nut, and spacers required to mount two wheels on a standard rig.

295



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rate for minimal operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Swivel Radius (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller Bearing (01) |
|-------------------------|----------------------|---|-------------------------|----------------------|------------------------|-------------------|-------------------|--------------------------------------|
| 8 | 4 | 7000 | 11 | 2-1/4 | 10-1/4 | 88 | Polyurethane/Iron | 295PY08701 |
| 10 | 4 | 8000 | 13 | 2-1/2 | 11 | 102 | Polyurethane/Iron | 295PY10701 |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 11-3/4 | 105 | Polyurethane/Iron | 295PY12601 |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 12 | 86 | Phenolic | 295TM12601 |
| 12 | 4 | 8000 | 15-1/2 | 2-1/2 | 12 | 108 | Polyurethane/Iron | 295PY12701 |

For swivel models add "SK" to end of caster number.
For rigid models add "RK" to end of caster number.

See 95 Series section for wheel appearance and descriptions.

Cantilever Kits

| Kit Number | For Series | Includes Axle |
|------------|------------|---------------|
| CK295000 | 95 | ZJ201200 |

These include the axle, nut, and spacers required to mount two wheels on a standard rig.

272



Designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

FEATURES and OPTIONS

- See 72 Series section for features and mounting options. Note 272 Series is a dual wheel 72 Series.

BEARING OPTIONS



281



Standard Dual Wheel Casters

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller Bearing (01), Industrial Ball (27) Precision Ball (28) |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|------------|--|
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|------------|--|

272 Models

| | | | | | | | |
|-------|-------|------|-------|---------|--------|----------------------|------------|
| 3-1/4 | 1-1/2 | 280 | 5-1/4 | 1-7/16 | 9 | Mold-on Rubber/Iron | 272MR03101 |
| 3-1/4 | 1-1/2 | 800 | 5-1/4 | 1-7/16 | 8-1/2 | Cast Iron | 272CA03101 |
| 3-1/4 | 1-5/8 | 840 | 5-1/4 | 1-7/16 | 8-1/2 | Polyurethane/Iron | 272PY03101 |
| 3-1/4 | 1-1/2 | 1200 | 5-1/4 | 1-7/16 | 8-1/2 | Phenolic | 272TM03101 |
| 4 | 1-1/2 | 500 | 5-5/8 | 1-7/16 | 9-1/4 | Mold-on Rubber/Iron | 272MR04101 |
| 4 | 1-1/2 | 500 | 5-5/8 | 1-7/16 | 9-1/2 | Mold-on Rubber/Alum. | 272MD04101 |
| 4 | 1-1/2 | 1200 | 5-5/8 | 1-7/16 | 11-1/2 | Cast Iron | 272CA04101 |
| 4 | 1-1/2 | 1200 | 5-5/8 | 1-7/16 | 9 | Phenolic | 272TM04101 |
| 4 | 1-1/2 | 1200 | 5-5/8 | 1-7/16 | 9 | Polyurethane/Alum. | 272PD04101 |
| 5 | 1-1/2 | 600 | 6-1/2 | 1-13/16 | 10 | Mold-on Rubber/Iron | 272MR05101 |
| 5 | 1-1/2 | 600 | 6-1/2 | 1-13/16 | 9-1/2 | Mold-on Rubber/Alum. | 272MD05101 |
| 5 | 1-1/2 | 1200 | 6-1/2 | 1-13/16 | 10 | Phenolic | 272TM05101 |
| 5 | 1-1/2 | 1200 | 6-1/2 | 1-13/16 | 13-1/4 | Cast Iron | 272CA05101 |
| 5 | 1-1/2 | 1440 | 6-1/2 | 1-13/16 | 9-3/4 | Polyurethane/Alum. | 272PD05101 |

See 72 Series section for wheel appearance and descriptions.

281 Models

| | | | | | | | |
|---|-------|------|--------|-------|--------|--------------------------------|------------|
| 4 | 1-1/2 | 2000 | 5-1/2 | 2-1/4 | 14 | Drop Forged | 281FS04101 |
| 4 | 2 | 700 | 5-1/2 | 2-1/4 | 10-1/2 | Mold-on Rubber/Alum. | 281MD04201 |
| 4 | 2 | 700 | 5-1/2 | 2-1/4 | 10-3/4 | Mold-on Rubber/Iron | 281MR04201 |
| 4 | 2 | 700 | 5-1/2 | 2-1/4 | 10-3/4 | X-tra Soft Flat Tread | 281XS04201 |
| 4 | 2 | 1200 | 5-1/2 | 2-1/4 | 10-1/2 | Poly/Polypropylene | 281XA04201 |
| 4 | 2 | 1400 | 5-1/2 | 2-1/4 | 14 | Cast Iron | 281CA04201 |
| 4 | 2 | 1600 | 5-1/2 | 2-1/4 | 10-1/4 | Phenolic | 281TM04201 |
| 4 | 2 | 1600 | 5-1/2 | 2-1/4 | 10-1/4 | Maxim® | 281NG04201 |
| 4 | 2 | 1400 | 5-1/2 | 2-1/4 | 10-1/2 | Polyurethane/Alum. | 281PD04201 |
| 4 | 2 | 2000 | 5-1/2 | 2-1/4 | | Trionix™ NX | 281NX04228 |
| 5 | 1-3/4 | 2000 | 6-1/2 | 2-1/4 | 16-1/4 | Drop Forged | 281FS05201 |
| 5 | 2 | 750 | 6-1/2 | 2-1/4 | 11-1/2 | X-tra Soft Flat Tread | 281XS05201 |
| 5 | 2 | 800 | 6-1/2 | 2-1/4 | 11-1/2 | Mold-on Rubber/Iron | 281MR05201 |
| 5 | 2 | 1500 | 6-1/2 | 2-1/4 | 9-1/2 | Poly/Polypropylene | 281XA05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 18 | Cast Iron | 281CA05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 11-1/4 | Phenolic | 281TM05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 11-1/4 | Maxim® | 281NG05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | | Polyurethane/Iron | 281PI05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 10-3/4 | Polyurethane/Alum. | 281PD05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 10-3/4 | Round Tread Polyurethane/Alum. | 281PM05228 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | 20 | Cast Iron (Heavy Duty) | 281CH05201 |
| 5 | 2 | 2000 | 6-1/2 | 2-1/4 | | Trionix™ NX | 281NX05228 |
| 6 | 2 | 400 | 7-1/2 | 2-1/4 | 10 | Pneumatic | 281SF06227 |
| 6 | 2 | 820 | 7-1/2 | 2-1/4 | 12-3/4 | Mold-on Rubber/Iron | 281MR06201 |
| 6 | 2 | 1200 | 7-1/2 | 2-1/4 | 10 | X-tra Soft Rubber Flat Tread | 281XS06201 |
| 6 | 2 | 1800 | 7-1/2 | 2-1/4 | 10 | Poly/Polypropylene | 281XA06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 20 | Drop Forged | 281FS06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 20-1/4 | Cast Iron | 281CA06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 11-3/4 | Phenolic | 281TM06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 11-3/4 | Maxim® | 281NG06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 13 | Polyurethane/Alum. | 281PD06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | | Polyurethane/Iron | 281PI06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 20 | Polyurethane Round Tread | 281PM06228 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | 21 | Cast Iron (Heavy Duty) | 281CH06201 |
| 6 | 2 | 2000 | 7-1/2 | 2-1/4 | | Trionix™ NX | 281NX06228 |
| 8 | 2 | 420 | 10-1/8 | 2-1/4 | | Pneumatic | 281SF08227 |
| 8 | 2 | 1000 | 10-1/8 | 2-1/4 | 13-3/4 | Mold-on Rubber/Iron | 281MR08201 |
| 8 | 2 | 1350 | 10-1/8 | 2-1/4 | 10-1/2 | X-tra Soft Rubber Flat Tread | 281XS08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 14-1/4 | Cast Iron | 281CA08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 16 | Phenolic | 281TM08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 16 | Maxim® | 281NG08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 25-1/4 | Polyurethane/Alum. | 281PD08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | | Polyurethane/Iron | 281PI08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 14 | Polyurethane (Round Tread) | 281PM08228 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 10-1/4 | Poly/Polypropylene | 281XA08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 16 | Trionix™ | 281NY08228 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 15 | Cast Iron (Heavy Duty) | 281CH08201 |
| 8 | 2 | 2000 | 10-1/8 | 2-1/4 | 16 | Trionix™ NX | 281NX08228 |

See 81 Series section for wheel appearance and descriptions.

290-293

Standard Dual Wheel Casters

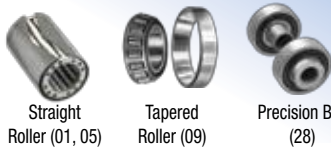


Designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

FEATURES and OPTIONS

- See 90/92/93 Series section for features and mounting options.

BEARING OPTIONS



Straight Roller (01, 05)

Tapered Roller (09)

Precision Ball (28)

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller Bearing (01, 05), Precision Ball (28) | Caster Number Tapered Roller (09) |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|--|-----------------------------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|--|-----------------------------------|

290 Models

| | | | | | | | | |
|----|-------|------|--------|-------|--------|---------------------|------------|--|
| 6 | 2-1/2 | 1080 | 8 | 2-1/4 | 36-1/2 | Mold-on Rubber/Iron | 290MR06405 | |
| 6 | 2-1/2 | 3200 | 8 | 2-1/4 | 26-1/4 | Phenolic | 290TM06405 | |
| 6 | 2-1/2 | 3240 | 8 | 2-1/4 | 38 | Polyurethane/Iron | 290PY06405 | |
| 6 | 2-1/2 | 3500 | 8 | 2-1/4 | 37 | Cast Iron | 290CA06405 | |
| 6 | 2-1/2 | 3500 | 8 | 2-1/4 | | Trionix™ NX | 290NX06428 | |
| 8 | 2-1/2 | 1340 | 10-1/2 | 2-1/2 | 37-3/4 | Mold-on Rubber/Iron | 290MR08405 | |
| 8 | 2-1/2 | 3500 | 10-1/2 | 2-1/2 | 30-1/4 | Polyurethane/Iron | 290PY08405 | |
| 8 | 2-1/2 | 3500 | 10-1/2 | 2-1/2 | 42-3/4 | Phenolic | 290TM08405 | |
| 8 | 2-1/2 | 3500 | 10-1/2 | 2-1/2 | 44-1/2 | Cast Iron | 290CA08405 | |
| 8 | 2-1/2 | 3500 | 10-1/2 | 2-1/2 | | Trionix™ NX | 290NX08428 | |
| 10 | 2-1/2 | 1580 | 12-1/2 | 2-1/2 | 45 | Mold-on Rubber/Iron | 290MR10405 | |
| 10 | 2-1/2 | 3500 | 12-1/2 | 2-1/2 | 52-1/4 | Polyurethane/Iron | 290PY10405 | |
| 10 | 2-1/2 | 3500 | 12-1/2 | 2-1/2 | 34-1/2 | Phenolic | 290TM10405 | |
| 10 | 2-1/2 | 3500 | 12-1/2 | 2-1/2 | 53-1/4 | Cast Iron | 290CA10405 | |
| 10 | 2-1/2 | 3500 | 12-1/2 | 2-1/2 | | Trionix™ NX | 290NX10428 | |
| 12 | 2-1/2 | 1800 | 14 | 2-1/2 | 43 | Mold-on Rubber/Iron | 290MR12405 | |
| 12 | 2-1/2 | 3500 | 14 | 2-1/2 | 64-1/2 | Polyurethane/Iron | 290PY12405 | |
| 12 | 2-1/2 | 3500 | 14 | 2-1/2 | 61 | Phenolic | 290TM12405 | |
| 12 | 2-1/2 | 3500 | 14 | 2-1/2 | 51-3/4 | Cast Iron | 290CA12405 | |

292 Models

| | | | | | | | | |
|----|---|------|--------|---|--------|--------------------------|------------|------------|
| 8 | 3 | 1680 | 11 | 3 | 62-1/2 | Mold-on Rubber/Iron | 292MR08501 | 292MR08509 |
| 8 | 3 | 4000 | 11 | 3 | | X-treme™ Plus Solid Poly | 292XP08528 | |
| 8 | 3 | 4800 | 11 | 3 | 76 | Drop Forged | 292FS08501 | 292FS08509 |
| 8 | 3 | 4800 | 11 | 3 | 71 | Polyurethane/Iron | 292PY08501 | 292PY08509 |
| 8 | 3 | 4800 | 11 | 3 | 54 | Phenolic | 292TM08501 | 292TM08509 |
| 8 | 3 | 4800 | 11 | 3 | 62-3/4 | Cast Iron | 292CA08501 | 292CA08509 |
| 8 | 3 | 4800 | 11 | 3 | | Trionix™ NX | 292NX08528 | |
| 10 | 3 | 2000 | 12-7/8 | 3 | 67-3/4 | Mold-on Rubber/Iron | 292MR10501 | 292MR10509 |
| 10 | 3 | 4800 | 12-7/8 | 3 | 94-3/4 | Drop Forged | 292FS10501 | 292FS10509 |
| 10 | 3 | 4800 | 12-7/8 | 3 | 79-1/2 | Polyurethane/Iron | 292PY10501 | 292PY10509 |
| 10 | 3 | 4800 | 12-7/8 | 3 | 59 | Phenolic | 292TM10501 | 292TM10509 |
| 10 | 3 | 4800 | 12-7/8 | 3 | | X-treme™ Plus Solid Poly | 292XP10528 | |
| 10 | 3 | 4800 | 12-7/8 | 3 | | Trionix™ | 292NY10528 | |
| 10 | 3 | 4800 | 12-7/8 | 3 | 73 | Cast Iron | 292CA10501 | 292CA10509 |
| 10 | 3 | 4800 | 12-7/8 | 3 | | Trionix™ NX | 292NX10528 | |
| 12 | 3 | 2280 | 14-7/8 | 3 | 78-1/2 | Mold-on Rubber/Iron | 292MR12501 | 292MR12509 |
| 12 | 3 | 4800 | 14-7/8 | 3 | 96 | Polyurethane/Iron | 292PY12501 | 292PY12509 |
| 12 | 3 | 4800 | 14-7/8 | 3 | 65-3/4 | Phenolic | 292TM12501 | 292TM12509 |
| 12 | 3 | 4800 | 14-7/8 | 3 | 84-1/4 | Cast Iron | 292CA12501 | 292CA12509 |

293 Models

| | | | | | | | | |
|----|-------|------|--------|---|---------|---------------------|------------|------------|
| 10 | 4 | 2800 | 12-3/4 | 4 | 118-3/4 | Mold-on Rubber/Iron | 293MR10701 | 293MR10709 |
| 10 | 4 | 7500 | 12-3/4 | 4 | 126-1/2 | Polyurethane/Iron | 293PY10701 | 293PY10709 |
| 12 | 3-1/2 | 7500 | 15-3/4 | 4 | 150-1/2 | Ductile Iron | 293FM12601 | 293FM12609 |
| 12 | 3-1/2 | 7500 | 15-3/4 | 4 | 130-1/2 | Polyurethane/Iron | 293PY12601 | 293PY12609 |
| 12 | 3-1/2 | 7500 | 15-3/4 | 4 | 140-1/2 | Cast Iron | 293CA12601 | 293CA12609 |
| 12 | 4 | 3200 | 15-3/4 | 4 | 128-1/2 | Mold-on Rubber/Iron | 293MR12701 | 293MR12709 |
| 16 | 4 | 3980 | 19 | 4 | 170-1/2 | Mold-on Rubber/Iron | 293MR16701 | |
| 16 | 4 | 7500 | 19 | 4 | 209 | Polyurethane/Iron | 293PY16701 | 293PY16709 |
| 16 | 4 | 7500 | 19 | 4 | 145-1/2 | Phenolic | 293TM16701 | |
| 16 | 5 | 5140 | 19 | 4 | 196-1/2 | Mold-on Rubber/Iron | 293MR16801 | |
| 16 | 5 | 7500 | 19 | 4 | 237-1/2 | Polyurethane/Iron | 293PY16801 | 293PY16809 |
| 18 | 5 | 5600 | 21 | 4 | 244-1/4 | Mold-on Rubber/Iron | 293MR18801 | |

295

Standard Dual Wheel Casters



Designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

FEATURES and OPTIONS

- See 95 Series section for features and mounting options.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller Bearing (01) | Caster Number Tapered Roller (09) |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|--------------------------------------|--------------------------------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|--------------------------------------|--------------------------------------|

Swivel caster numbers shown, for rigid change SBBL to R

295BBL Series (Ball Load Swivel Section) Models

| | | | | | | | | |
|----|-------|------|--------|-------|-----|--------------------|----------------|----------------|
| 6 | 3 | 8000 | 9 | 2-1/4 | 83 | Drop Forged | 295FS06501SBBL | 295FS06509SBBL |
| 8 | 3 | 5000 | 11 | 2-1/2 | 56 | Laminated Phenolic | | 295TL08509SBBL |
| 8 | 3 | 5040 | 11 | 2-1/2 | 78 | Polyurethane/Iron | 295PH08501SBBL | 295PY08509SBBL |
| 8 | 4 | 7000 | 11 | 2-1/2 | 91 | Polyurethane/Iron | 295PY08701SBBL | 295PY08709SBBL |
| 10 | 3 | 5800 | 13 | 2-1/2 | 64 | Laminated Phenolic | | 295TL10509SBBL |
| 10 | 3 | 6000 | 13 | 2-1/2 | 87 | Polyurethane/Iron | 295PH10501SBBL | 295PY10509SBBL |
| 10 | 3 | 8000 | 13 | 2-1/2 | 120 | Drop Forged | 295FH10501SBBL | 295FH10509SBBL |
| 10 | 4 | 8000 | 13 | 2-1/2 | 136 | Drop Forged | | 295FH10709SBBL |
| 10 | 4 | 8000 | 13 | 2-3/4 | 104 | Polyurethane/Iron | 295PY10701SBBL | 295PY10709SBBL |
| 10 | 5 | 8000 | 13 | 2-3/4 | 127 | Polyurethane/Iron | 295PY10801SBBL | 295PY10809SBBL |
| 12 | 3 | 6840 | 15-1/2 | 2-1/2 | 105 | Polyurethane/Iron | 295PH12501SBBL | 295PY12509SBBL |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 128 | Ductile Iron | 295FM12601SBBL | 295FM12609SBBL |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 94 | Laminated Phenolic | 295TL12601SBBL | 295TL12609SBBL |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 108 | Polyurethane/Iron | 295PY12601SBBL | 295PY12609SBBL |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 94 | Phenolic | 295TM12601SBBL | 295TM12609SBBL |
| 12 | 4 | 8000 | 15-1/2 | 2-1/2 | 114 | Polyurethane/Iron | 295PY12701SBBL | 295PY12709SBBL |
| 12 | 5 | 8000 | 15-1/2 | 2-1/2 | 141 | Polyurethane/Iron | | 295PY12809SBBL |

BEARING OPTIONS



Straight Roller (01)

Tapered Roller (09)

Precision Ball (28)

- Industry Standard
- Popular Model

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Wheel Type | Caster Number Roller Bearing (01) | Caster Number Tapered Roller (09) |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|--------------------------------------|--------------------------------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|------------|--------------------------------------|--------------------------------------|

Swivel caster numbers shown, for rigid change STRL to R

295TRL Series (Precision Tapered Roller Bearing Swivel Section) Models

| | | | | | | | | |
|----|-------|-------|--------|-------|-----|--------------------|----------------|----------------|
| 6 | 3 | 17000 | 9 | 2-1/4 | 83 | Drop Forged | 295FS06501STRL | 295FS06509STRL |
| 8 | 3 | 5000 | 11 | 2-1/2 | 56 | Laminated Phenolic | | 295TL08509STRL |
| 8 | 3 | 5040 | 11 | 2-1/2 | 78 | Polyurethane/Iron | 295PH08501STRL | 295PY08509STRL |
| 8 | 4 | 7000 | 11 | 2-1/2 | 91 | Polyurethane/Iron | 295PY08701STRL | 295PY08709STRL |
| 10 | 3 | 5800 | 13 | 2-1/2 | 64 | Laminated Phenolic | | 295TL10509STRL |
| 10 | 3 | 6000 | 13 | 2-1/2 | 87 | Polyurethane/Iron | 295PH10501STRL | 295PY10509STRL |
| 10 | 3 | 17000 | 13 | 2-1/2 | 120 | Drop Forged | 295FH10501STRL | 295FH10509STRL |
| 10 | 4 | 8400 | 13 | 2-3/4 | 10 | Polyurethane/Iron | 295PY10701STRL | 295PY10709STRL |
| 10 | 4 | 17000 | 13 | 2-1/2 | 136 | Drop Forged | | 295FH10709STRL |
| 10 | 5 | 10000 | 13 | 2-3/4 | 127 | Polyurethane/Iron | 295PY10801STRL | 295PY10809STRL |
| 12 | 3 | 6840 | 15-1/2 | 2-1/2 | 105 | Polyurethane/Iron | 295PH12501STRL | 295PY12509STRL |
| 12 | 3-1/2 | 12000 | 15-1/2 | 2-1/2 | 128 | Ductile Iron | 295FM12601STRL | 295FM12609STRL |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 94 | Laminated Phenolic | 295TL12601STRL | 295TL12609STRL |
| 12 | 3-1/2 | 8000 | 15-1/2 | 2-1/2 | 94 | Phenolic | 295TM12601STRL | 295TM12609STRL |
| 12 | 3-1/2 | 8220 | 15-1/2 | 2-1/2 | 108 | Polyurethane/Iron | 295PY12601STRL | 295PY12609STRL |
| 12 | 4 | 9600 | 15-1/2 | 2-1/2 | 114 | Polyurethane/Iron | 295PY12701STRL | 295PY12709STRL |
| 12 | 5 | 12000 | 15-1/2 | 2-1/2 | 141 | Polyurethane/Iron | | 295PY12809STRL |

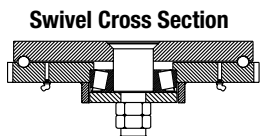
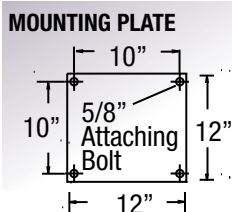
298

Aviation Ground Equipment Casters



Optional Face Contact Brake Shown

Designed to meet the varied needs of the aviation ground support equipment industry, the 298 series sets the standards. Constructed with an oscillating, compensating wheel axle and cushion suspension leveling, these casters can stand up to even the most rigorous conditions. All optional features can be installed at the factory without an increase to order lead time. A spring assembly can be retrofitted at a later date by returning the caster to Albion. The swivel lock and face contact brake are field installable.



FEATURES

- **Top Plate and Yoke Base:** 1" thick 1045 AISI heat treated steel plate for superior strength
- **Swivel Raceways:** 11" diameter precision machined load raceway with 5/8" steel and tapered roller thrust bearing for easy swiveling
- **King Bolt:** 2" diameter bolt and nut heat treated for added strength
- **Legs:** 1/2" thick steel plate welded to form a box section column for maximum load capacity
- **Lubrication:** Zerk fittings in swivel section and wheel hub for ease of lubrication
- **Axle:** 2 1/2" oscillating axle precision machined at each end to accommodate 2" tapered bearings in wheel.
- Alternate or custom caster configurations available

BEARING



Tapered Roller (09)

OPTIONS

- **No Options** specify 001
- **Swivel lock** specify 002
- **Face contact brake** specify 003
- **Spring assembly** specify 004
- **Swivel lock and face contact brake** specify 005
- **Swivel lock and spring assembly** specify 006
- **Face contact brake and spring assembly** specify 007
- **Swivel lock, face contact brake and spring assembly** specify 008

TYPICAL APPLICATIONS

- Aviation work stands
- Hangar doors
- Fuel cell transport

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Press-on Rubber (09 Tapered Roller Bearing)

| | | | | | | |
|--------|-------|-------|---------|-------|-----|-------------|
| 12 | 4 1/2 | 4200 | 19 | 3 1/8 | 280 | 2980A12709S |
| 16 1/4 | 6 | 7800 | 21 5/16 | 3 1/8 | 320 | 2980A16909S |
| 18 | 9 | 13000 | 22 | 3 1/8 | 460 | 2980A18909S |

OA



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|
|-------------------------|----------------------|--|-------------------------|----------------------|-------------------|---------------|

Press-on Polyurethane (09 Tapered Roller Bearing)

| | | | | | | |
|--------|-------|-------|---------|-------|-----|-------------|
| 12 | 4 1/2 | 6600 | 19 | 3 1/8 | 300 | 2980G12709S |
| 16 1/4 | 6 | 12000 | 21 5/16 | 3 1/8 | 340 | 2980G16909S |
| 18 | 9 | 20000 | 22 | 3 1/8 | 480 | 2980G18909S |

OG



12/16/72 Semi-Pneumatic Casters



Recommended for light or medium duty dollies, bottlers trucks, hand trucks or other manually operated units. Semi-pneumatics are high profile, solid center cushion rubber tires mounted on stamped centers with lug base rims. Suitable for extra heavy service.

FEATURES

- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Extra Heavy Duty Cushion wheel protects equipment
- **No inflation problems:** As these wheel are not pressurized
- **Pressure Lubrication:** To all bearings 6" diameter wheels must be lubricated thru hollow axle as pressure fitting cannot be inserted in hub Bearings- Ball or roller bearings

OPTIONS

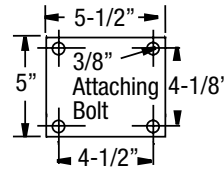
- Swivel lock specify **L**
- Face contact brake **F**
- Foot activated swivel lock specify **SL160001** (16 Series Model)
- Sealed swivel specify **NS**

| Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (lbs) (Rated for manual operation) | Overall Height | Swivel Lead (Inches) | Approx. Wt. (lbs) | Caster Number Ball Bearing (27) | Caster Number Roller Bearing (01) |
|----------------------------|------------------------------|--|----------------|-------------------------|----------------------|---------------------------------------|---|
|----------------------------|------------------------------|--|----------------|-------------------------|----------------------|---------------------------------------|---|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

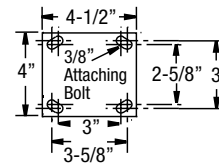
12 Series

| | | | | | | | |
|---|---------|-----|-------|-------|--------|------------------|------------------|
| 6 | 2.00EHS | 200 | 7-3/8 | 1-3/4 | 6-3/4 | 12SN06227 | 12SN06201 |
| 8 | 2.50EHS | 350 | 10 | 1-3/4 | 10-3/4 | 12SN08427 | 12SN08401 |



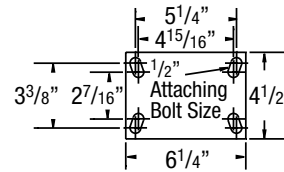
16 Series

| | | | | | | | |
|---|---------|-----|-------|-------|-------|------------------|------------------|
| 6 | 2.00EHS | 200 | 7-3/8 | 1-3/4 | 6-1/4 | 16SN06227 | 16SN06201 |
|---|---------|-----|-------|-------|-------|------------------|------------------|



72 Series

| | | | | | | | |
|----|---------|-----|--------|-------|----|------------------|------------------|
| 10 | 2.75EHS | 350 | 11-1/2 | 3-1/2 | 17 | 72SN10427 | 72SN10401 |
| 12 | 3.00EHS | 540 | 14-1/2 | 3-1/2 | 22 | 72SN12527 | 72SN12501 |



16/72/90

Pneumatic Casters



For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

| Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (Lbs) (Based on normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number Ball Bearing (27) | Caster Number Roller Bearing (01) |
|----------------------------|------------------------------|---|----------------------------|-------------------------|----------------------|---------------------------------------|---|
|----------------------------|------------------------------|---|----------------------------|-------------------------|----------------------|---------------------------------------|---|

16 Series

| | | | | | | | |
|----|--------|-----|--------|-------|--------|------------------|------------------|
| 6 | 2.00/4 | 200 | 7-1/4 | 1-3/4 | 8-1/2 | 16SF06227 | |
| 8 | 2.00/4 | 210 | 9-1/2 | 1-3/4 | | 16SF08227 | |
| 8 | 2.50/4 | 220 | 10-1/8 | 1-3/4 | 7 | 16SF08427 | 16SF08401 |
| 8 | 2.80/4 | 295 | 11 | 2-5/8 | 9-1/2 | 16SF08527 | 16SF08501 |
| 10 | 4.10/4 | 350 | 13 | 3-1/4 | 11 | 16SF10627 | 16SF10601 |
| 12 | 4.10/4 | 445 | 15-1/2 | 3-1/2 | 14-1/4 | 16SF12727 | 16SF12701 |

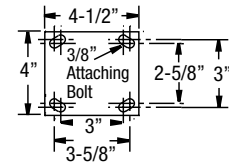
Recommended for the greatest possible protection to both load and floor, or for off-road application. If you transport fragile materials or parts -- or if you move delicate instruments over rough floors, you should consider this product offering. Full pneumatics cushion the load on air as does automobile or truck wheels.

FEATURES

- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Cushion wheel protects equipment
- **Bearings:** Ball or roller bearings

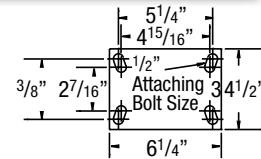
OPTIONS

- Swivel lock specify **L**
- Foot activated swivel lock specify **SL160002** (16 Series Models)
- Face contact brake specify **F**
- Sealed Swivel specify **NS**
- Foam fill available please consult factory
- Precision bearings available please consult factory
- For towed applications tapered bearings are recommended



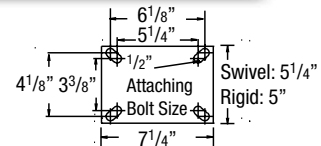
72 Series

| | | | | | | | |
|----|--------|-----|--------|--------|--------|------------------|------------------|
| 6 | 2.00/4 | 200 | 7-1/2 | 2-3/16 | 8-1/2 | 72SF06227 | |
| 8 | 2.00/4 | 210 | 11 | 2-5/8 | | 72SF08227 | |
| 8 | 2.80/4 | 295 | 11 | 2-5/8 | 12-3/4 | 72SF08527 | 72SF08501 |
| 10 | 4.10/4 | 350 | 13 | 3-1/4 | 14-1/4 | 72SF10627 | 72SF10601 |
| 12 | 4.10/6 | 445 | 15-1/2 | 3-1/2 | 17-1/2 | 72SF12727 | 72SF12701 |



90 Series

| | | | | | | | |
|----|--------|------|--------|-------|--------|------------------|------------------|
| 14 | 5.30/6 | 785 | 17-3/4 | 4 | 29-1/4 | 90SF14827 | 90SF14801 |
| 16 | 4.80/8 | 1000 | 19-1/8 | 4-1/2 | 35-1/2 | | 90SF16801 |
| 18 | 5.70/8 | 1170 | 21-1/4 | 5 | 41 | | 90SF18901 |



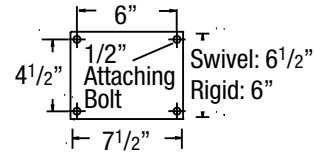
94/95

Pneumatic Casters



94BBL Series

| | | | | | | |
|----|--------|------|--------|-------|--------|---------------|
| 16 | 4.80/8 | 1300 | 19-1/8 | 4 | 44-1/4 | 94SF16809SBBL |
| 18 | 5.70/8 | 1590 | 21-1/2 | 4-1/2 | 54-3/4 | 94SF18909SBBL |



These casters and wheels are deluxe models. Use them for very heavy duty service. They will handle any job that is practical to mount on pneumatics. The tires are mounted on wide base rims. This permits more air volume, more load capacity, stability and cushioning. Wheel bearings are tapered with dust seals. Note: model ordered may look different than photo above.

FEATURES

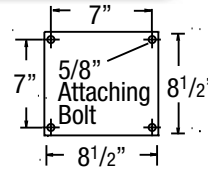
- **Swivel Casters:** Hardened double ball bearing raceway with 1-1/4" tapered roller thrust bearing
- **Shock Absorbing:** Cushion wheel protects equipment
- **Pressure Lubrication:** To all bearings

OPTIONS

- Swivel lock specify **L**
- Face contact brake specify **F**
- Sealed Swivel specify **NS**
- Foam fill please consult factory

95BBL Series

| | | | | | | |
|----|---------|------|--------|---|--------|---------------|
| 21 | 6.90/9 | 2420 | 24-1/4 | 5 | 84-1/4 | 95SF21909SBBL |
| 23 | 6.50/10 | 2775 | 26-1/4 | 5 | 87-1/4 | 95SF23909SBBL |
| 25 | 7.50/10 | 3630 | 28-3/4 | 5 | 90-1/2 | 95SF25909SBBL |



CUSTOM FABRICATION

This is not a one-size-fits-all business. In fact, many of our orders require custom fabrication.

If you can't find the right caster for your special application, put the Albion engineering team to work. We will create the perfect solution for your moving problem.



272-295

Pneumatic Cantilever-Style Dual Wheel Casters



| | | | | | | |
|-----------------------------------|-------------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|--|
| Wheel Diameter (Inches) | Tread Width/Type (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number Roller Bearing (01), Tapered Bearing (09) |
|-----------------------------------|-------------------------------------|---|-----------------------------------|--------------------------------|-----------------------------|--|

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

272 Series Cantilever

| | | | | | | |
|----|--------|-----|----|-------|--------|-------------------|
| 8 | 2.80/4 | 590 | 11 | 2-5/8 | | 272SF08501 |
| 10 | 4.10/4 | 700 | 13 | 3-1/4 | 21-3/4 | 272SF10601 |

Dual wheel models are recommended for the greatest possible protection to both loads and floors with increased capacity. If you transport fragile materials or parts -- or if you move delicate instruments over rough floors, you should consider this product offering.

FEATURES and OPTIONS STANDARD MODELS

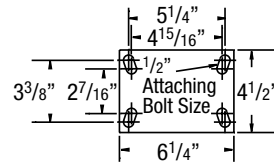
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Cushion wheel protects equipment
- **Bearings:** Ball or roller bearings

BBL MODELS

- **Swivel Casters:** Hardened double ball bearing raceway with 1-1/4" tapered roller thrust bearing
- **Shock Absorbing:** Cushion wheel protects equipment
- **Pressure Lubrication:** To all bearings

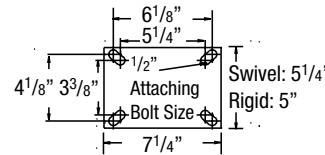
OPTIONS

- Swivel lock specify **L**
- Face contact brake specify **F**
- Sealed Swivel specify **NS**
- Foam fill please consult factory



290 Series Cantilever

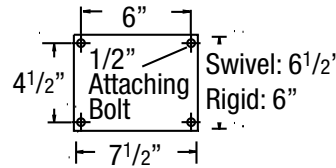
| | | | | | | |
|----|--------|------|--------|-------|--------|-------------------|
| 12 | 4.10/6 | 890 | 15-1/2 | 3-1/2 | 35 | 290SF12701 |
| 14 | 5.30/6 | 1570 | 17-3/4 | 4 | 41 | 290SF14801 |
| 16 | 4.80/9 | 2000 | 19-1/8 | 4-1/2 | 53-1/4 | 290SF16801 |
| 18 | 5.70/8 | 2340 | 21-1/4 | 5 | 59-3/4 | 290SF18901 |



294BBL Series Cantilever

Swivel caster numbers shown,
for rigid change **SBBL** to **R**

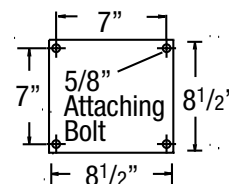
| | | | | | | |
|----|--------|------|--------|-------|--------|-----------------------|
| 16 | 4.80/8 | 2600 | 19-1/8 | 4 | 71 | 294SF16809SBBL |
| 18 | 5.70/8 | 3180 | 21-1/2 | 4-1/2 | 81-3/4 | 294SF18909SBBL |



295BBL Series Cantilever

Swivel caster numbers shown,
for rigid change **SBBL** to **R**

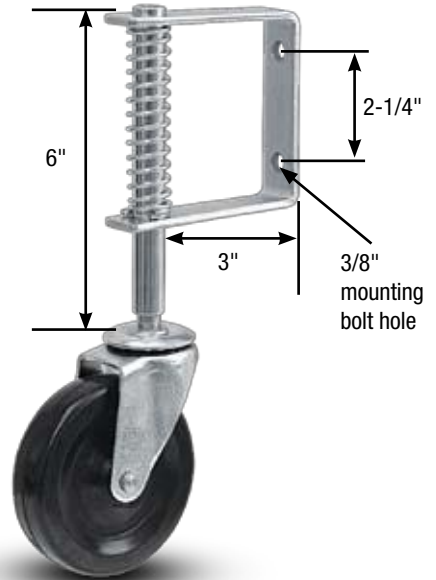
| | | | | | | |
|----|---------|------|--------|---|---------|-----------------------|
| 21 | 6.90/9 | 4840 | 24-1/4 | 5 | 129-3/4 | 295SF21909SBBL |
| 23 | 6.50/10 | 5550 | 26-1/4 | 5 | 134-1/2 | 295SF23909SBBL |
| 25 | 7.50/10 | 7260 | 28-3/4 | 5 | 139 | 295SF25909SBBL |



02/14

NEW MODEL!

Gate Casters



Castors are designed to make gate opening and closing easy. Castors feature gate mounts and spring loaded shock absorption.

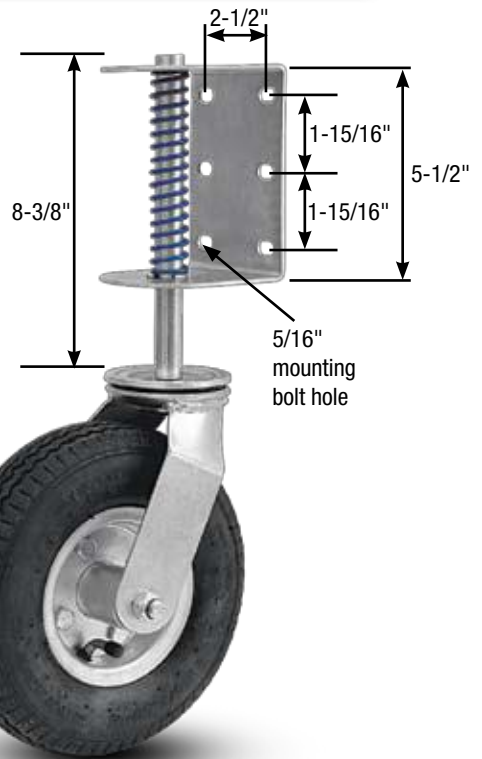
FEATURES

- Gate mount integrated in caster
- Spring loaded design provides shock absorption

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Load for manual operation)</small> | Overall Height (Inches) | Swivel Radius (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|------------------------|-------------------|--------------------------------------|
| 4 | 1 | 125 | 10-1/2 | 3.2 | | NEW PRODUCT! 02RN04041S007 |

02 Series Gate Caster

Solid Rubber (41 Plain Bearing)



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Load for manual operation)</small> | Overall Height (Inches) | Swivel Radius (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|--|-------------------------|------------------------|-------------------|--------------------------------------|
| 8 | 2-1/2 | 210 | 18-1/2 | 6.5 | | NEW PRODUCT! 14SF08427S008 |

14 Series Gate Caster

Pneumatic (27 Radial Ball Bearing)



14

NEW MODEL!

Polished Brass Pneumatic Hospitality Casters

BRAKE OPTIONS



Optional brake models. Black tread brake change last digit to 3. Grey tread brake change last digit to 5.

FEATURES

- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate.
- **Swivel Section:** Smooth formed, double ball bearing raceways
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **King Pin:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter solid axle complete with lock nut.
- **Wheel seals:** Nylon seal retaining/thrust washers
- **Lubrication:** Zerk fitting in swivel section.
- **Finish:** Polished brass plated for a beautiful appearance.

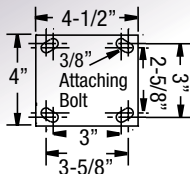


TYPICAL APPLICATIONS

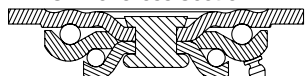
- Hotels, motels and resorts.
- Laundry and Linen services
- Hospitals and institutions
- Restaurants
- Bellman carts

MOUNTING OPTIONS

Standard Plate



Swivel Cross Section



For swivel models add "S002" to end of caster number.
For rigid models add "R002" to end of caster number.

| | | | | | | |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Overall Height (Inches) | Swivel Lead (Inches) | Approx. Wt. (Lbs) | Caster Number |
|-------------------------|----------------------|---|-------------------------|----------------------|-------------------|---------------|

14 Series Caster with Pneumatic Wheel

| | | | | | | | |
|--------------------|---|--------|-----|-------|-------|-------|---------------|
| | 8 | 2.50/4 | 210 | 9 1/2 | 1 3/4 | 6 1/2 | 14SF08427S002 |
| Black Tread | | | | | | | |
| | 8 | 2.50/4 | 210 | 9 1/2 | 1 3/4 | 6 1/2 | 14SF08427S004 |
| Grey Tread | | | | | | | |

SF

Application Examples



Replacement Wheels

| | | | | | | | |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-----------------------------------|
| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Industrial Ball (27) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-----------------------------------|

| | | | | | | | | |
|--------------------|---|--------|-----|--------|-------|-----|---|-------------|
| Black Tread | 8 | 2.50/4 | 210 | 2-7/16 | 1-3/8 | 1/2 | 3 | SF084270805 |
|--------------------|---|--------|-----|--------|-------|-----|---|-------------|

| | | | | | | | | |
|-------------------|---|--------|-----|--------|-------|-----|---|-------------|
| Grey Tread | 8 | 2.50/4 | 210 | 2-7/16 | 1-3/8 | 1/2 | 3 | SF084270806 |
|-------------------|---|--------|-----|--------|-------|-----|---|-------------|

NF Never-Flat Tires



Never-Flat (NF) Recommended for the greatest possible protection to both loads and floors. Perfect replacement tire for pneumatic or semi-pneumatic applications. This solid urethane tire has similar rollability characteristics as a pneumatic tire... but they never go flat. Optional colors and caster configurations, consult factory. Replacement parts available. 8" Grey wheel. 10" Black wheel.

FEATURES

- Heavy duty 350 pound load capacity!
- Looks and performs similar to pneumatic wheels, but without the hassles of air pressure maintenance and flat tire repair
- Reduces maintenance time and expense
- Closed cell expanded foam construction resists water absorption (unlike others currently in the marketplace)
- Sawtooth tread for easy maneuverability and traction (radial tread on 8" model)
- Quiet, smooth operation
- Non-marking for superior floor protection
- Rolls over obstacles with ease and absorbs shock to protect cargo
- Zerk fittings

| Wheel Diameter (Inches) | Tire Size (Inches) | Capacity (Lbs) (Based for normal operation) | Hub Length (Inches) | Hub Description | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Ball Bearing (27) |
|-------------------------|--------------------|---|---------------------|----------------------|---------------------|-------------------|--------------------------------|
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 1-Piece Hub | 1/2 | 2-1/4 | NF0852708 |
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 1-Piece Hub | 5/8 | 2-1/4 | NF0852710 |
| 8 | 2-1/2 | 300 | 3 | Centered 1-Piece Hub | 1/2 | 3 | NF0852708C |
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 3-Piece Hub | 1/2 | 2-1/4 | NF0852708T |
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 3-Piece Hub | 5/8 | 2-1/4 | NF0852710T |
| 8 | 2-1/2 | 300 | 3 | Centered 3-Piece Hub | 1/2 | 3 | NF0852708CT |
| 8 | 2-1/2 | 300 | 3 | Centered 3-Piece Hub | 5/8 | 3 | NF0852710CT |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 1-Piece Hub | 1/2 | 5 | NF1062708 |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 1-Piece Hub | 5/8 | 5 | NF1062710 |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 3-Piece Hub | 1/2 | 5 | NF1062708T |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 3-Piece Hub | 5/8 | 5 | NF1062710T |
| 10 | 3-1/2 | 350 | 3-1/2 | Centered 1-Piece Hub | 5/8 | 5 | NF1062710C |
| 10 | 3-1/2 | 350 | 3-1/2 | Centered 3-Piece Hub | 1/2 | 5 | F1062708CT |
| 10 | 3-1/2 | 350 | 3-1/2 | Centered 3-Piece Hub | 5/8 | 5 | NF1062710CT |

10" precision ball and roller bearing models available, roller bearing ID is 3/4". For precision ball models change 27 to 28. For roller bearing models change 27 to 01.

Replacement 10" diameter tire less hub available, specify NF1060022. Replacement parts available.



- Solid Urethane Never Goes Flat
- Optional Colors
- Replacements Parts Available

www.neverflattire.com

Never-Flat! The name says it all. Air gauges and tire patches are now obsolete! New Expanded Line!

ALBION®

ALBION®

| Item | Page | Item | Page |
|---|---------|---|---------|
|  CA Cast Iron Wheels | 147-148 |  NG Maxim® Glass-filled Nylon | 156 |
| Capacities to 6000 lbs. | | Wheels, Capacities to 1400 lbs. | |
|  CW Large Bore Cast Iron Wheels . . . | 148 |  NR Maxim® Noise Reduction | 156 |
| Capacities to 8000 lbs. | | Glass-filled Nylon Wheels | |
|  CH Premium 2" Width Cast Iron | 149 | Capacities to 1500 lbs. | |
| Wheels, Capacities to 1800 lbs. | |  NY Trionix™ High Impact Polymer . . | 157 |
|  IC Empire Economical Cast Iron | 149 | Wheels, Capacities to 2500 lbs. | |
| Wheels, Capacities to 900 lbs. | |  NX Trionix™ High Impact Polymer . . | 157 |
|  FL Single Flange and FD Double . . . | 150 | Wheels, Capacities to 7200 lbs. | |
| Flange Cast Iron Wheels | |  TH/TS Straight Sided Phenolic | 158 |
| Capacities to 3000 lbs. | | Wheels, Capacities to 1400 lbs. | |
|  VG/VL V-Groove Cast Iron Wheels . . . | 151 |  TL Laminated Phenolic Wheels | 158 |
| Capacities to 4000 lbs. | | Capacities to 8000 lbs. | |
|  VM V-Groove Ductile Iron Wheels . . . | 151 |  TM Phenolic Wheels. | 159-160 |
| Capacities to 6000 lbs. NEW MODEL! | | Capacities to 3500 lbs. | |
|  FS Drop Forged Steel and FH | 152 |  TR Heat Resistant Phenolic | 159-160 |
| Large Bore Drop Forged Steel Wheels | | Wheels, Capacities to 3500 lbs. | |
| Capacities to 20000 lbs. | |  PB Polypropylene Wheels. | 161 |
|  FM Flat Tread Ductile and FR Full . . | 153 | Capacities to 1000 lbs. | |
| Radius Tread Ductile Wheels | |  PW White Polypropylene Wheels . . . | 161 |
| Capacities to 6000 lbs. NEW MODEL! | | Capacities to 750 lbs. | |
|  VF/VH V-Groove Drop Forged Steel . . | 154 |  RW Retort Polypropylene Wheels . . . | 161 |
| Wheels, Capacities to 15000 lbs. | | Capacities to 900 lbs. | |
|  HE Hi-Temp Nylon Wheels | 155 |  GP Fiberglass Filled Polypropylene . . | 162 |
| Capacities to 1400 lbs. NEW MODEL! | | Wheels, Capacities to 1400 lbs. | |
|  NW White Nylon Wheels. | 155 |  IB Empire Economical Polypropylene | 162 |
| Capacities to 1100 lbs. NEW MODEL! | | Wheels, Capacities to 900 lbs. | |

Hard Tread
Wheels

CA

Cast Iron Wheels



Premium cast iron, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). A cost-effective solution for high capacity applications.

FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult factory
- **Hardness:** Brinell 145

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

Highest Tensile Strength in the Industry

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) | Wheel Number Plain Bore (41) |
|-------|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-------------------------------------|-------------------------------------|---------------------------------|
| 3 | 1-1/4 | 300 | 1-1/2 | 1/2 | - | 1-1/4 | | | | CA0304108 |
| 3 | 1-5/16 | 300 | 1-3/8 | 1-1/16 | 1/2 | 1-1/4 | CA0300108 | | | |
| 3-1/4 | 1-1/2 | 400 | 1-5/8 | 1-3/16 | 1/2 | 1 | CA0310108 | | | |
| 3-1/4 | 1-1/2 | 400 | 1-5/8 | 1-3/16 | 5/8 | 1 | CA0310110 | | | |
| 3-1/4 | 1-1/2^ | 400 | 1-5/8 | 1-3/16 | 3/4 | 1 | CA0310112~ | | | |
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 1/2 | 3-1/4 | CA0320108 | | | |
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 5/8 | 3-1/4 | CA0320110 | | | |
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 3-1/4 | CA0320112~ | | | |
| 3-1/4 | 4 | 2000 | 4-1/2 | 1-15/16 | 3/4 | 6-1/2 | | CA0370912 | | |
| 3-1/2 | 1-1/4 | 350 | 1-1/2 | 1/2 | - | 1 | | | | CA03X4108 |
| 4 | 1-1/4 | 350 | 1-3/8 | 1/2 | 1/2 | 1-3/4 | | | | CA0404108 |
| 4 | 1-5/16 | 350 | 1-3/8 | 1-1/16 | 1/2 | 1-3/4 | CA0400108 | | | |
| 4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 1/2 | 2-1/4 | CA0410108 | | | |
| 4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 5/8 | 2-1/4 | CA0410110 | | | |
| 4 | 1-1/2^ | 600 | 1-5/8 | 1-3/16 | 3/4 | 2-1/4 | CA0410112~ | | | |
| 4 | 1-7/8 | 1000 | 2-3/16 | 1-7/16 | 1/2 | 3-1/4 | CA0420108 | | | |
| 4 | 1-7/8 | 1000 | 2-3/16 | 1-7/16 | 5/8 | 3-1/4 | CA0420110 | | | |
| 4 | 1-7/8 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 3-1/4 | CA0420112~ | | | |
| 4 | 3 | 2000 | 3-1/4 | 1-15/16 | 1 | 8-1/4 | CA0450116 | | | |
| 4 | 3 | 2000 | 3-1/4 | 1-15/16 | 1-1/4 | 8-1/4 | CA0450120 | | | |
| 4 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/4 | 10-3/4 | CA0470120* | | | |
| 4 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/2 | 10-3/4 | CA0470124* | | | |
| 5 | 1-1/4 | 350 | 1-1/2 | 1/2 | - | 2-1/4 | | | | CA0504108 |
| 5 | 1-5/16 | 350 | 1-3/8 | 1-1/16 | 1/2 | 2-1/4 | CA0500108 | | | |
| 5 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 1/2 | 3-1/4 | CA0510108 | | | |
| 5 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 5/8 | 3-1/4 | CA0510110 | | | |
| 5 | 1-1/2^ | 600 | 1-5/8 | 1-3/16 | 3/4 | 3-1/4 | CA0510112~ | | | |
| 5 | 1-7/8 | 1300 | 2-3/16 | 1-3/16 | 1/2 | 4-1/4 | CA0520108 | | | |
| 5 | 1-7/8 | 1300 | 2-3/16 | 1-3/16 | 5/8 | 4-1/4 | CA0520110 | | | |
| 5 | 1-7/8 | 1300 | 2-3/16 | 1-3/16 | 3/4 | 4-1/4 | CA0520112~ | | | |
| 5 | 2-1/8 | 1500 | 2-3/16 | 1-7/16 | 7/8 | 5-1/4 | CA0530114 | | | |
| 5 | 2-1/8 | 1500 | 2-3/16 | 1-7/16 | 1 | 5-1/4 | CA0530116 | | | |
| 5 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1 | 10 | CA0540116 | | | |
| 5 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1-1/4 | 10 | CA0540120 | | | |
| 6 | 1-1/2 | 800 | 1-5/8 | 1-3/16 | 1/2 | 4 | CA0610108 | | | |
| 6 | 1-1/2 | 800 | 1-5/8 | 1-3/16 | 5/8 | 4 | CA0610110 | | | |
| 6 | 1-1/2^ | 800 | 1-5/8 | 1-3/16 | 3/4 | 4 | CA0610112~ | | | |
| 6 | 1-7/8 | 1400 | 2-3/16 | 1-3/16 | 1/2 | 6-1/4 | CA0620108 | | | |
| 6 | 1-7/8 | 1400 | 2-3/16 | 1-3/16 | 5/8 | 6-1/4 | CA0620110 | | | |
| 6 | 1-7/8 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 6-1/4 | CA0620112~ | | | |
| 6 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1 | 10-1/4 | CA0640116 | | | |
| 6 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 11/4 | 10-1/4 | CA0640120 | | | |
| 6 | 2-1/2 | 1600 | 2-3/4 | 1-3/16 | 3/4 | 7-1/2 | CA0640712 | | | |
| 6 | 2-1/2 | 1800 | 2-3/4 | 1-15/16 | 1 | 9-1/2 | CA0640516 | | | |
| 6 | 2-1/2 | 2300 | 3-1/2 | 1-15/16 | 3/4 | 10 | | CA0640912 | | |
| 6 | 3 | 2800 | 3-1/4 | 1-15/16 | 1 | 11-3/4 | CA0650116 | | | |
| 6 | 3 | 2800 | 3-1/4 | 1-15/16 | 11/4 | 11-3/4 | CA0650120 | | | |
| 6 | 3 | 2800 | 3-1/2 | 1-15/16 | 3/4 | 11-1/2 | | CA0650912 | | |
| 8 | 2 | 1800 | 2-3/16 | 1-3/16 | 1/2 | 8-1/2 | CA0820108 | | | |
| 8 | 2 | 1800 | 2-3/16 | 1-3/16 | 5/8 | 8-1/2 | CA0820110 | | | |
| 8 | 2 | 1800 | 2-3/16 | 1-3/16 | 3/4 | 8-1/2 | CA0820112~ | | | |
| 8 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1 | 13-1/4 | CA0840116 | | | |
| 8 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1-1/4 | 13-1/4 | CA0840120 | | | |
| 8 | 2-1/2 | 1600 | 2-3/4 | 1-3/16 | 3/4 | 10 | CA0840712 | | | |
| 8 | 2-1/2 | 1800 | 2-3/4 | 1-15/16 | 1 | 13 | CA0840516 | | | |
| 8 | 3 | 2800 | 3-1/4 | 1-15/16 | 1 | 11-3/4 | CA0850116 | | | |
| 8 | 3 | 2800 | 3-1/4 | 1-15/16 | 1-1/4 | 11-3/4 | CA0850120 | | | |
| 8 | 3 | 2800 | 3-1/2 | 1-15/16 | 3/4 | 11-1/2 | | CA0850912 | | |
| 8 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/4 | 27-1/4 | CA0870120 | | | |
| 8 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/2 | 27-1/4 | CA0870124 | | | |
| 8 | 4 | 6000 | 4-1/2 | 2-7/16 | 1 | 26-1/2 | | CA0870916 | | |
| 8 | 4 | 6000 | 4-1/2 | 2-7/16 | 1-1/4 | 26-1/2 | | CA0870920 | | |

~ Nylon retainer thrust washers & hardened metal spanner bushing included.

^ 27/16" spanner and spacers included. * Crown face

CAST IRON WHEELS • UP TO 8000

CA

CA Wheels Continued



| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01,05) | Wheel Number Tapered Roller (09) | Wheel Number Plain Bore (41) |
|----|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|---|--|---------------------------------|
| 10 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1 | 17-1/2 | | CA1040116 | | |
| 10 | 2-1/2 | 2300 | 2-3/4 | 1-15/16 | 1 | 17-1/2 | | CA1040516 | | |
| 10 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1-1/4 | 17-1/2 | | CA1040120 | | |
| 10 | 3 | 2800 | 3-1/4 | 1-15/16 | 1 | 16-3/4 | | CA1050116 | | |
| 10 | 3 | 2800 | 3-1/4 | 1-15/16 | 1-1/4 | 16-3/4 | | CA1050120 | | |
| 10 | 3 | 2800 | 3-1/2 | 1-15/16 | 3/4 | 16-1/2 | | | CA1050912 | |
| 10 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/4 | 33 | | CA1070120 | | |
| 10 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/2 | 33 | | CA1070124 | | |
| 10 | 4 | 6000 | 4-1/2 | 2-7/16 | 1 | 32-1/2 | | | CA1070916 | |
| 10 | 4 | 6000 | 4-1/2 | 2-7/16 | 1-1/4 | 32-1/2 | | | CA1070920 | |
| 12 | 2-1/2 | 1800 | 2-3/4 | 1-15/16 | 1 | 20-1/2 | | CA1240516 | | |
| 12 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1 | 20-1/2 | | CA1240116 | | |
| 12 | 2-1/2 | 2300 | 3-1/4 | 1-15/16 | 1-1/4 | 20-1/2 | | CA1240120 | | |
| 12 | 3 | 2800 | 3-1/4 | 1-15/16 | 1 | 22 | | CA1250116 | | |
| 12 | 3 | 2800 | 3-1/4 | 1-15/16 | 1-1/4 | 22 | | CA1250120 | | |
| 12 | 3 | 2800 | 3-1/2 | 1-15/16 | 3/4 | 21-3/4 | | | CA1250912 | |
| 12 | 3-1/2 | 4000 | 4-1/2 | 2-7/16 | 1-1/4 | 35-1/2 | | CA1260120 | | |
| 12 | 3-1/2 | 4000 | 4-1/2 | 2-7/16 | 1-1/2 | 35-1/2 | | CA1260124 | | |
| 12 | 3-1/2 | 4000 | 4-1/2 | 2-7/16 | 1 | 35 | | | CA1260916 | |
| 12 | 3-1/2 | 4000 | 4-1/2 | 2-7/16 | 1-1/4 | 35 | | | CA1260920 | |
| 14 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/4 | 49-1/2 | | CA1470120 | | |
| 14 | 4 | 4000 | 4-1/4 | 2-7/16 | 1-1/2 | 49-1/2 | | CA1470124 | | |
| 16 | 3 | 4000 | 4-1/4 | 2-7/16 | 1-1/4 | 52-1/4 | | CA1650120 | | |
| 16 | 3 | 4000 | 4-1/4 | 2-7/16 | 1-1/2 | 52-1/4 | | CA1650124 | | |
| 16 | 4 | 5000 | 5-1/4 | 2-7/16 | 1-1/4 | 65-1/4 | | CA1670120 | | |
| 16 | 4 | 5000 | 5-1/4 | 2-7/16 | 1-1/2 | 65-1/4 | | CA1670124 | | |
| 18 | 3 | 4000 | 4-1/4 | 2-7/16 | 1 1/4 | 58 | | CA1850120 | | |
| 18 | 3 | 4000 | 4-1/4 | 2-7/16 | 2 | 58 | | CA1850124 | | |

CW



Large bore premium cast iron, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). A cost-effective solution for high capacity applications. See CA cast iron features and options.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|---|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|--|--|
| 8 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/4 | 21-3/4 | | CW0850120 | |
| 8 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/2 | 21-3/4 | | CW0850124 | |
| 8 | 3 | 8000 | 3-1/2 | 2-7/16 | 1 | 21-1/2 | | | CW0850916 |
| 8 | 3 | 8000 | 3-1/2 | 2-7/16 | 1-1/4 | 21-1/2 | | | CW0850920 |

CH



Heavy duty premium cast iron, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). A cost-effective solution for high capacity applications. See CA cast iron features and options.

FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult factory
- **Hardness:** Brinell 145

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Bronze Bearing (22)* | Wheel Number Annular Ball Bearing (31) |
|---|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|-----------------------------------|--|
| 5 | 2 | 1500 | 2-3/16 | 1-3/16 | 1/2 | 4-1/4 | | CH0520108 | | CH0523108 |
| 5 | 2 | 1500 | 2-3/16 | 1-3/16 | 5/8 | 4-1/4 | | CH0520110 | | |
| 5 | 2 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 4-1/4 | | CH0520112~ | CH0522212 | |
| 6 | 2 | 1700 | 2-3/16 | 1-3/16 | 1/2 | 6-1/4 | | CH0620108 | | CH0623108 |
| 6 | 2 | 1700 | 2-3/16 | 1-3/16 | 5/8 | 6-1/4 | | CH0620110 | | |
| 6 | 2 | 1700 | 2-3/16 | 1-3/16 | 3/4 | 6-1/4 | | CH0620112~ | CH0622212 | |
| 8 | 2 | 1800 | 2-3/16 | 1-3/16 | 1/2 | 8-1/2 | | CH0820108 | | CH0823108 |
| 8 | 2 | 1800 | 2-3/16 | 1-3/16 | 5/8 | 8-1/2 | | CH0820110 | | |
| 8 | 2 | 1800 | 2-3/16 | 1-3/16 | 3/4 | 8-1/2 | | CH0820112~ | CH0822112 | |

~ Nylon retainer thrust washers & hardened metal spanner bushing included.
* Hub length increases to 2-3/8" on bronze bearings.

CAST IRON WHEELS • UP TO 8000

IC

Cast Iron
(Class 18)



EMPIRE™

Casters & Wheels

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Less Bearing (00) | Wheel Number Delrin Bearing (51) |
|---|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|--------------------------------|----------------------------------|
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 4-1/4 | | IC0420019 | IC0420112 |
| 5 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 6-1/4 | | IC0520019 | IC0520112 |
| 6 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 8-1/2 | | IC0620019 | IC0620112 |
| 8 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 8-1/2 | | IC0820019 | IC0820112 |

- Economical
- Ready to Ship

Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult factory
- **Class:** Class 18 Cast Iron

Wheels used for 15 and 60 Series Empire Casters



15 Series



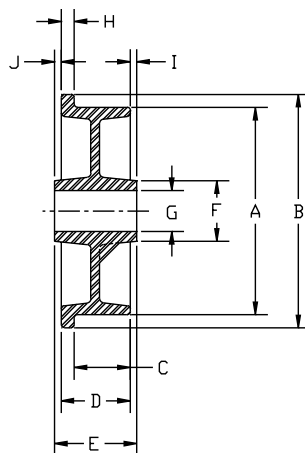
60 Series

FL

Single Flange Wheels



Various bore sizes available for use as plain bore wheels or to be used with keyway and set screw or with a variety of bearings. Cast iron offers 30,000 psi tensile strength.



Letters match to chart descriptions below.

FEATURES

- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult Factory.
- **Hardness:** Brinell 145

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Face Diameter "A" (Inches) | Flange OD "B" (Inches) | Face Width "C" (Inches) | O.A. Width "D" (Inches) | Hub Length "E" (Inches) | Hub O.D. "F" (Inches) | Bore "G" (Inches) | Flange Width "H" (Inches) | Hub Offset "I" (Inches) | Hub Offset "J" (Inches) | Capacity (Lbs) | Bearing Size (Inches) | Approx. Wt. (Lbs) | Wheel Number Straight Roller (01) | Wheel Number Tapered Roller (09) |
|-------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|----------------------|------------------------------|----------------------------|----------------------------|-------------------|--------------------------|----------------------|---|--|
| 3 | 4 | 1 | 1-3/8 | 2-3/16 | 1-5/8 | 1-3/16 | 3/8 | 9/16 | 1/4 | 700 | 3/4 | 3 | FL0320112 | |
| 3-1/4 | 4 | 1 | 1-3/8 | 2-3/16 | 1-3/4 | 1-3/16 | 3/8 | 19/32 | 7/32 | 700 | 3/4 | 3 | FL0310112 | |
| 4-1/2 | 5-1/2 | 1-9/16 | 2-3/8 | 2-1/2 | 2-1/2 | 1-15/16 | 13/16 | 1/16 | 1/16 | 1500 | 1 | 9-1/2 | FL0410116 | |
| 4-1/2 | 5-1/2 | 1-9/16 | 2-3/8 | 2-1/2 | 2-1/2 | 1-15/16 | 13/16 | 1/16 | 1/16 | 1500 | 3/4 | 9-1/2 | | FL0410912 |
| 5 | 6 | 1-1/8 | 1-1/2 | 2-3/16 | 1-3/4 | 1-3/16 | 3/8 | 11/32 | 11/32 | 500 | 3/4 | 5-1/4 | FL0510112 | |
| 5-3/8 | 6-1/8 | 1-5/16 | 1-11/16 | 2-3/16 | 1-3/4 | 1-3/16 | 3/8 | 13/32 | 3/32 | 900 | 3/4 | 5 | FL0520112 | |
| 5 | 6 | 1-1/8 | 1-15/16 | 3-1/4 | 2-1/2 | 1-15/16 | 13/16 | 15/16 | 3/8 | 1000 | 1 | 6-1/2 | FL0520116 | |
| 5 | 6 | 1-1/8 | 1-15/16 | 3-1/2 | 2-1/2 | 1-15/16 | 13/16 | 15/16 | 3/8 | 1000 | 3/4 | 6-1/2 | | FL0520912 |
| 6 | 6-3/4 | 1-5/8 | 2 | 2-3/16 | 1-3/4 | 1-3/16 | 3/8 | 3/32 | 3/32 | 900 | 3/4 | 8-1/2 | FL0620112 | |
| 7-1/16 | 8-3/4 | 1-3/4 | 2-3/16 | 2-3/4 | 3-1/4 | 1-15/16 | 7/16 | 9/32 | 9/32 | 1200 | 1 | 12-3/4 | FL0720116 | |
| 7-1/16 | 8-3/4 | 1-3/4 | 2-3/16 | 3 | 3-1/4 | 1-15/16 | 7/16 | 9/32 | 9/32 | 1200 | 3/4 | 12-3/4 | | FL0720912 |
| 8 | 9-1/2 | 2 | 2-1/2 | 3-1/4 | 3 | 1-15/16 | 1/2 | 3/8 | 3/8 | 1600 | 1 | 16-1/4 | FL0840116 | |
| 8 | 9-1/2 | 2 | 2-1/2 | 3-1/2 | 3 | 1-15/16 | 1/2 | 3/8 | 3/8 | 1600 | 3/4 | 16-1/4 | | FL0840912 |
| 10 | 12 | 2-3/8 | 3 | 3-1/4 | 3 | 1-15/16 | 5/8 | 1/8 | 1/8 | 2000 | 1 | 29-1/4 | FL1050116 | |
| 10 | 12 | 2-3/8 | 3 | 3-1/2 | 3 | 1-15/16 | 5/8 | 1/8 | 1/8 | 2000 | 3/4 | 29-1/4 | | FL1050912 |
| 14 | 16 | 3 | 3-5/8 | 4-1/4 | 4-1/4 | 2-7/16 | 5/8 | 5/16 | 5/16 | 3000 | 1-1/4 | 56 | FL1460120 | |
| 14 | 16 | 3 | 3-5/8 | 4-1/2 | 4-1/4 | 2-7/16 | 5/8 | 5/16 | 5/16 | 3000 | 1 | 56 | | FL1460916 |

FD

Double Flange Wheels

Various bore sizes available for use as plain bore wheels or to be used with keyway and set screw or with a variety of bearings. Cast iron offers 30,000 psi tensile strength. See FL for features and options.

| Face Diameter "A" (Inches) | Flange OD "B" (Inches) | Face Width "C" (Inches) | O.A. Width "D" (Inches) | Hub Length "E" (Inches) | Hub O.D. "F" (Inches) | Bore "G" (Inches) | Flange Width "H" (Inches) | Hub Offset "I" (Inches) | Hub Offset "J" (Inches) | Capacity (Lbs) | Bearing Size (Inches) | Approx. Wt. (Lbs) | Wheel Number Straight Roller (01) | Wheel Number Tapered Roller (09) |
|-------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|----------------------|------------------------------|----------------------------|----------------------------|-------------------|--------------------------|----------------------|---|--|
| 5 | 6 | 3/4 | 1-1/2 | 2-3/16 | 1-3/4 | 1-3/16 | 3/8 | 11/32 | 11/32 | 500 | 3/4 | 6 | FD0510112 | |
| 10 | 12 | 1-3/4 | 3 | 3-1/4 | 3 | 1-15/16 | 5/8 | 1/8 | 1/8 | 2000 | 1 | 35 | FD1050116 | |
| 10 | 12 | 1-3/4 | 3 | 3-1/2 | 3 | 1-15/16 | 5/8 | 1/8 | 1/8 | 2000 | 3/4 | 35 | | FD1050912 |

VG/VL Cast Iron V-Groove Wheels

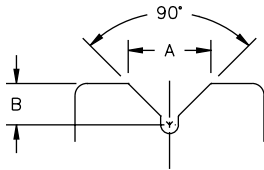


Wheel face and "V"-groove are machined from heavy duty cast iron. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but flat surfaces as well. VL wheels feature a larger bore for greater capacity.

Please note: Track alignment is critical when utilizing v-groove wheels.

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.



Letters match to chart descriptions

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|------------------------------|------------------------------|-------------------|--|--|
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 5/8 | 7/8 | 7/16 | 4 | VG0420110 | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 7/8 | 7/16 | 4 | VG0420112~ | |
| 5 | 2 | 800 | 2-3/16 | 1-3/16 | 5/8 | 7/8 | 7/16 | 5 | VG0520110 | |
| 5 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 7/8 | 7/16 | 5 | VG0520112~ | |
| 6 | 2 | 1000 | 2-3/16 | 1-3/16 | 5/8 | 7/8 | 7/16 | 8 | VG0620110 | |
| 6 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 7/8 | 7/16 | 8 | VG0620112~ | |
| 6 | 2-1/2 | 2500 | 3-1/4 | 1-15/16 | 1 | 7/8 | 7/16 | 11-3/4 | VG0640116 | |
| 6 | 2-1/2 | 2500 | 3-1/4 | 1-15/16 | 1-1/4 | 7/8 | 7/16 | 11-3/4 | VG0640120 | VG0640912 |
| 6 | 2-1/2 | 2500 | 3-1/2 | 1-15/16 | 3/4 | 7/8 | 7/16 | 11-1/2 | | |
| 8 | 2-1/2 | 2500 | 3-1/4 | 1-15/16 | 1 | 7/8 | 7/16 | 15-1/2 | VG0840116 | |
| 8 | 2-1/2 | 2500 | 3-1/4 | 1-15/16 | 1-1/4 | 7/8 | 7/16 | 15-1/2 | VG0840120 | VG0840912 |
| 8 | 2-1/2 | 2500 | 3-1/2 | 1-15/16 | 3/4 | 7/8 | 7/16 | 15-1/2 | | VG0840916 |
| 8 | 2-1/2 | 2500 | 3-1/2 | 2 | 1 | 7/8 | 7/16 | 15-1/2 | | |
| 8 | 3 | 2500 | 3-1/4 | 1-15/16 | 1 | 7/8 | 7/16 | 16-3/4 | VG0850116 | |
| 8 | 3 | 2500 | 3-1/4 | 1-15/16 | 1-1/4 | 7/8 | 7/16 | 16-3/4 | VG0850120 | |
| 8 | 3 | 2500 | 3-1/2 | 1-15/16 | 3/4 | 7/8 | 7/16 | 16-1/2 | | VG0850912 |
| 8 | 3 | 2500 | 3-1/2 | 2 | 1 | 7/8 | 7/16 | 16-1/2 | | VG0850916 |
| 8 | 3 | 4000 | 3-1/4 | 2-7/16 | 1-1/4 | 1-3/8 | 11/16 | 17-3/4 | VL0850120 | |
| 8 | 3 | 4000 | 3-1/4 | 2-7/16 | 1-1/2 | 1-3/8 | 11/16 | 17-3/4 | VL0850124 | |
| 8 | 3 | 4000 | 3-1/2 | 2-7/16 | 1 | 1-3/8 | 11/16 | 17-1/4 | | VL0850916 |
| 8 | 3 | 4000 | 3-1/2 | 2-7/16 | 1-1/4 | 1-3/8 | 11/16 | 17-1/4 | | VL0850920 |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | 1-3/8 | 11/16 | 27 | VG1050116 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1-1/4 | 1-3/8 | 11/16 | 27 | VG1050120 | |
| 10 | 3 | 3500 | 3-1/2 | 1-15/16 | 3/4 | 1-3/8 | 11/16 | 26-3/4 | | VG1050912 |
| 10 | 3 | 3500 | 3-1/2 | 2 | 1 | 1-3/8 | 11/16 | 26-3/4 | | VG1050916 |
| 10 | 3 | 4000 | 3-1/4 | 2-7/16 | 1-1/4 | 1-3/8 | 11/16 | 28 | VL1050120 | |
| 10 | 3 | 4000 | 3-1/4 | 2-7/16 | 1-1/2 | 1-3/8 | 11/16 | 28 | VL1050124 | |
| 10 | 3 | 4000 | 3-1/2 | 2-7/16 | 1 | 1-3/8 | 11/16 | 27-1/4 | | VL1050916 |
| 10 | 3 | 4000 | 3-1/2 | 2-11/32 | 1-1/4 | 1-3/8 | 11/16 | 27-1/4 | | VL1050920 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

VM Ductile V-Groove

NEW MODEL!



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|------------------------------|------------------------------|-------------------|--|--|
| 6 | 2-1/2 | 3500 | 3-1/4 | 1-15/16 | 1 | 7/8 | 7/16 | 9-1/2 | VM0640116 | |
| 6 | 2-1/2 | 3500 | 3-1/4 | 1-15/16 | 1-1/4 | 7/8 | 7/16 | 9-1/2 | VM0640120 | |
| 6 | 2-1/2 | 3500 | 3-1/2 | 1-15/16 | 3/4 | 7/8 | 7/16 | 9-1/2 | | VM0640912 |
| 6 | 3 | 5000 | 3-1/4 | 1-15/16 | 1 | 7/8 | 7/16 | 10-1/2 | VM0640116 | |
| 6 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 7/8 | 7/16 | 10-1/2 | VM0640120 | |
| 6 | 3 | 5000 | 3-1/2 | 1-15/16 | 3/4 | 7/8 | 7/16 | 10-1/2 | | VM0640912 |
| 8 | 3 | 5000 | 3-1/4 | 1-15/16 | 1 | 7/8 | 7/16 | 16-1/2 | VM0850116 | |
| 8 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 7/8 | 7/16 | 16-1/2 | VM0850120 | |
| 8 | 3 | 5000 | 3-1/2 | 1-15/16 | 3/4 | 7/8 | 7/16 | 16-1/2 | | VM0850912 |
| 8 | 3 | 5000 | 3-1/2 | 1-15/16 | 1 | 7/8 | 7/16 | 16-1/2 | | VM0850916 |
| 10 | 3 | 6000 | 3-1/4 | 1-15/16 | 1 | 1-3/8 | 11/16 | 26 | VM1050116 | |
| 10 | 3 | 6000 | 3-1/4 | 1-15/16 | 1-1/4 | 1-3/8 | 11/16 | 26 | VM1050120 | |
| 10 | 3 | 6000 | 3-1/2 | 1-15/16 | 3/4 | 1-3/8 | 11/16 | 26 | | VM1050912 |
| 10 | 3 | 6000 | 3-1/2 | 1-15/16 | 1 | 1-3/8 | 11/16 | 26 | | VM1050916 |

FS Drop Forged Steel Wheels



Drop forged steel wheels are hot forged from carbon steel billets. The forging process improves grain flow, enhances ductility and tensile strength. Suitable for high capacity, abusive applications. Forged steel is 64,000 psi tensile strength.

FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Clear coat enamel
- **Temperature Range:** Up to 800°F, consult factory
- **Hardness:** Rockwell 80 B

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

Up to 20,000 lbs Capacity

| Wheel Diameter (Inches) | Tread Width (Inches) | Tread Width (Inches) | Tread Width (Inches) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|----------------------|----------------------|----------------------|---------------------|------------------|---------------------|-------------------|----------------------------------|----------------------------------|
|-------------------------|----------------------|----------------------|----------------------|---------------------|------------------|---------------------|-------------------|----------------------------------|----------------------------------|

| | | | | | | | | | |
|----|-------|-------|--------|---------|-------|--------|--|------------|-----------|
| 4 | 1-1/2 | 1400 | 2-3/16 | 1-3/16 | 1/2 | 3-1/4 | | FS0410108 | |
| 4 | 1-1/2 | 1400 | 2-3/16 | 1-3/16 | 5/8 | 3-1/4 | | FS0410110 | |
| 4 | 1-1/2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 3-1/4 | | FS0410112~ | |
| 4 | 1-1/2 | 1400 | 2-7/16 | 1-3/8 | 1/2 | 3-1/4 | | | FS0410908 |
| 5 | 1-3/4 | 1500 | 2-3/16 | 1-3/16 | 1/2 | 5-1/4 | | FS0520108 | |
| 5 | 1-3/4 | 1500 | 2-3/16 | 1-3/16 | 5/8 | 5-1/4 | | FS0520110 | |
| 5 | 1-3/4 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 5-1/4 | | FS0520112~ | |
| 5 | 1-3/4 | 1800 | 2-7/16 | 1-3/8 | 1/2 | 5-1/4 | | FS0520908 | |
| 6 | 2 | 1500 | 2-3/16 | 1-3/16 | 1/2 | 6-1/4 | | FS0620108 | |
| 6 | 2 | 1500 | 2-3/16 | 1-3/16 | 5/8 | 6-1/4 | | FS0620110 | |
| 6 | 2 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 6-1/4 | | FS0620112~ | |
| 6 | 2 | 2500 | 2-7/16 | 1-3/8 | 1/2 | 6-1/4 | | | FS0620908 |
| 6 | 2 | 2500 | 2-7/16 | 1-7/8 | 3/4 | 6-1/4 | | | FS0620912 |
| 6 | 2-1/2 | 4000 | 3-1/4 | 1-15/16 | 1 | 11-3/4 | | FS0640116 | |
| 6 | 2-1/2 | 4000 | 3-1/4 | 1-15/16 | 1-1/4 | 11-3/4 | | FS0640120 | |
| 6 | 2-1/2 | 5000 | 3-1/2 | 1-7/8 | 3/4 | 11-1/4 | | | FS0640912 |
| 6 | 2-1/2 | 5000 | 3-1/2 | 2-1/4 | 1 | 11-3/4 | | | FS0640916 |
| 6 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/4 | 20-1/4 | | FS0650120 | |
| 6 | 3 | 6000 | 3-1/2 | 2-7/16 | 1-1/2 | 20-1/4 | | FS0650124 | |
| 6 | 3 | 10000 | 3-1/2 | 2-7/16 | 1 | 19-3/4 | | | FS0650916 |
| 6 | 3 | 10000 | 3-1/2 | 2-7/16 | 1-1/8 | 19-3/4 | | | FS0650918 |
| 6 | 3 | 10000 | 3-1/2 | 2-7/16 | 1-1/4 | 19-3/4 | | | FS0650920 |
| 8 | 2-1/2 | 4000 | 3-1/4 | 1-15/16 | 1 | 18 | | FS0840116 | |
| 8 | 2-1/2 | 4000 | 3-1/4 | 1-15/16 | 1-1/4 | 18 | | FS0840120 | |
| 8 | 3 | 4500 | 3-1/4 | 1-15/16 | 1 | 18-1/4 | | FS0850116 | |
| 8 | 3 | 4500 | 3-1/4 | 1-15/16 | 1-1/4 | 18-1/4 | | FS0850120 | |
| 8 | 3 | 5500 | 3-1/2 | 1-15/16 | 3/4 | 18-1/4 | | | FS0850912 |
| 8 | 3 | 5500 | 3-1/2 | 2-1/4 | 1 | 18-1/4 | | | FS0850916 |
| 8 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/4 | 35-1/2 | | FS0870120 | |
| 8 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/2 | 35-1/2 | | FS0870124 | |
| 8 | 4 | 10000 | 4-1/2 | 2-7/16 | 1 | 36-1/2 | | | FS0870916 |
| 8 | 4 | 10000 | 4-1/2 | 2-7/16 | 1-1/8 | 36-1/2 | | | FS0870918 |
| 8 | 4 | 10000 | 4-1/2 | 2-7/16 | 1-1/4 | 36-1/2 | | | FS0870920 |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1 | 27-3/4 | | FS1050116 | |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 27-3/4 | | FS1050120 | |
| 10 | 3 | 6000 | 3-1/2 | 1-15/16 | 3/4 | 27-1/2 | | | FS1050912 |
| 10 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/4 | 48 | | FS1070120 | |
| 10 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/2 | 48 | | FS1070124 | |
| 10 | 4 | 10000 | 4-1/2 | 2-7/16 | 1 | 47-1/4 | | | FS1070916 |
| 10 | 4 | 10000 | 4-1/2 | 2-7/16 | 1-1/8 | 47-1/4 | | | FS1070918 |
| 10 | 4 | 10000 | 4-1/2 | 2-7/16 | 1-1/4 | 47-1/4 | | | FS1070920 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

FH Large Bore Drop Forged Steel Wheels

| | | | | | | | | | |
|----|---|-------|-------|--------|-------|--------|--|-----------|-----------|
| 6 | 3 | 17000 | 3-1/2 | 3-1/8 | 1-1/4 | 22-1/4 | | FH0650920 | |
| 6 | 3 | 17000 | 3-1/2 | 3-1/8 | 1-1/2 | 22-1/4 | | FH0650924 | |
| 8 | 3 | 6500 | 3-1/4 | 2-7/16 | 1-1/4 | 34 | | FH0850120 | |
| 8 | 4 | 20000 | 4-1/2 | 3-1/8 | 1-1/4 | 34 | | | FH0870920 |
| 8 | 4 | 20000 | 4-1/2 | 3-1/8 | 1-1/2 | 34 | | | FH0870924 |
| 10 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/4 | 37-1/4 | | FH1050120 | |
| 10 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/2 | 37-1/4 | | FH1050124 | |
| 10 | 3 | 6500 | 3-1/2 | 2-7/16 | 1 | 37 | | | FH1050916 |
| 10 | 3 | 6500 | 3-1/2 | 2-7/16 | 1-1/4 | 37 | | | FH1050920 |
| 10 | 4 | 20000 | 4-1/2 | 3-1/8 | 1-1/4 | 46-1/4 | | | FH1070920 |
| 10 | 4 | 20000 | 4-1/2 | 3-1/8 | 1-1/2 | 46-1/4 | | | FH1070924 |

FM Flat Tread Ductile Wheels

NEW MODEL!



Albion FM Ductile Wheels feature higher capacities compared to cast iron wheels. Wheels are painted black.

FEATURES

- **Wheel face:** FM flat tread design, FR full radius tread design
- **Finish:** Black painted
- **Temperature Range:** Up to +800°F, consult factory
- **Tensile Strength:** 65K PSI



WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Plain Bore (00) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|---|----------------------|---|---------------------|------------------|---------------------|-------------------|------------------------------|----------------------------------|----------------------------------|
| Ductile Iron Models – Flat Tread | | | | | | | | | |
| 5 | 2 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 6 | FM0520019 | FM0520112 | |
| 5 | 2 | 1500 | 2-7/16 | 1-3/8 | 1/2 | 6 | | | FM0520908 |
| 6 | 2 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 7-1/2 | FM0620019 | FM0620112 | |
| 6 | 2 | 2000 | 2-7/16 | 1-3/8 | 1/2 | 7-1/2 | | | FM0620908 |
| 6 | 2-1/2 | 3500 | 3-1/4 | 1-15/16 | 1-1/4 | 10-1/2 | FM0640031 | FM0640120 | |
| 6 | 2-1/2 | 3500 | 3-1/2 | 1-15/16 | 1-1/4 | 10-1/2 | | | FM0640912 |
| 6 | 3 | 6000 | 3-1/4 | 1-15/16 | 1-1/4 | 11-1/2 | FM0650031 | FM0650120 | |
| 6 | 3 | 6000 | 3-1/2 | 1-15/16 | 1-1/4 | 11-1/2 | | | FM0650912 |
| 8 | 2 | 2000 | 2-3/16 | 1-3/16 | 3/4 | 11 | FM0820019 | FM0820112 | |
| 8 | 2 | 2000 | 2-7/16 | 1-3/8 | 1/2 | 11 | | | FM0820908 |
| 8 | 3 | 6000 | 3-1/4 | 1-15/16 | 1 | 15-1/2 | FM0850031 | FM0850116 | |
| 8 | 3 | 6000 | 3-1/2 | 1-15/16 | 3/4 | 15-1/2 | | | FM0850912 |
| 10 | 3 | 6000 | 3-1/4 | 1-15/16 | 1-1/4 | 20-1/2 | FM1050031 | FM1050120 | |
| 10 | 3 | 6000 | 3-1/2 | 1-15/16 | 3/4 | 20-1/2 | | | FM1050912 |

| | | | | | | | | | |
|----|-------|------|-------|--------|-------|--------|-----------|--|-----------|
| 12 | 3-1/2 | 6000 | 4-1/4 | 2-7/16 | 1-1/4 | 40-1/2 | FM1260120 | | |
| 12 | 3-1/2 | 6000 | 4-1/4 | 2-7/16 | 1-1/2 | 40-1/2 | FM1260124 | | |
| 12 | 3-1/2 | 6000 | 4-1/2 | 2-7/16 | 1 | 40 | | | FM1260916 |
| 12 | 3-1/2 | 6000 | 4-1/2 | 2-7/16 | 1-1/4 | 40 | | | FM1260920 |

3-1/2" tread width models are not painted.

DUCTILE WHEELS • UP TO 6000

FR Full Radius Tread Ductile Wheels

NEW MODEL!



Albion FR Ductile Wheels feature higher capacities compared to cast iron wheels. Full radius tread design makes them easier to swivel and roll. Wheel are painted black.

FEATURES

- **Wheel face:** FM flat tread design, FR full radius tread design
- **Finish:** Black painted
- **Temperature Range:** Up to +800°F, consult factory
- **Tensile Strength:** 65K PSI

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Plain Bore (00) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|--|----------------------|---|---------------------|------------------|---------------------|-------------------|------------------------------|----------------------------------|----------------------------------|
| Ductile Iron Models – Full Radius Tread | | | | | | | | | |
| 5 | 2 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 6 | FR0520019 | FR0520112 | |
| 5 | 2 | 1500 | 2-7/16 | 1-3/8 | 1/2 | 6 | | | FR0520908 |
| 6 | 2 | 2000 | 2-3/16 | 1-3/16 | 3/4 | 7-1/2 | FR0620019 | FR0620112 | |
| 6 | 2 | 2000 | 2-7/16 | 1-3/8 | 1/2 | 7-1/2 | | | FR0620908 |
| 6 | 2-1/2 | 3500 | 3-1/4 | 1-15/16 | 1-1/4 | 10-1/2 | FR0640031 | FR0640120 | |
| 6 | 2-1/2 | 3500 | 3-1/2 | 1-15/16 | 3/4 | 10-1/2 | | | FR0640912 |
| 6 | 3 | 6000 | 3-1/4 | 1-15/16 | 1-1/4 | 11-1/2 | FR0650031 | FR0650120 | |
| 6 | 3 | 6000 | 3-1/2 | 1-15/16 | 3/4 | 11-1/2 | | | FR0650912 |
| 8 | 2 | 1500 | 2-3/16 | 1-3/16 | 1-3/16 | 11 | FR0820019 | FR0820112 | |
| 8 | 2 | 2000 | 2-7/16 | 1-3/8 | 1/2 | 11 | | | FR0820908 |
| 8 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 15-1/2 | FR0850031 | FR0850120 | |
| 8 | 3 | 6000 | 3-1/2 | 1-15/16 | 3/4 | 15-1/2 | | | FR0850912 |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 20-1/2 | FR1050031 | FR1050120 | |
| 10 | 3 | 6000 | 3-1/2 | 1-15/16 | 3/4 | 20-1/2 | | | FR1050912 |

VF/VH Drop Forged Steel V-Groove Wheels



Wheel face and "V"-groove are machined from drop forged steel. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on a track but flat surfaces as well. VH wheels feature a larger bore for greater capacity.

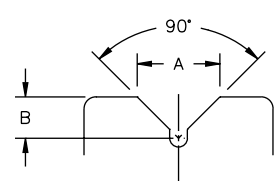
Please note: Track alignment is critical when utilizing v-groove wheels.

FEATURES

- **Wheel face:** V-Groove
- **Finish:** Clear

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.



Letters match to chart descriptions

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|------------------------------|------------------------------|----------------------|--|--|
| 6 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/4 | 1-3/8 | 11/16 | 20-1/4 | VF0650120 | |
| 6 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/2 | 1-3/8 | 11/16 | 20-1/4 | VF0650124 | |
| 6 | 3 | 6500 | 3-1/2 | 2-7/16 | 1 | 1-3/8 | 11/16 | 19-3/4 | | VF0650916 |
| 6 | 3 | 6500 | 3-1/2 | 2-7/16 | 1-1/4 | 1-3/8 | 11/16 | 19-3/4 | | VF0650920 |
| 6 | 3 | 10000 | 3-1/2 | 3-1/8 | 1-1/4 | 1-3/8 | 11/16 | 22 | | VH0650920 |
| 6 | 3 | 10000 | 3-1/2 | 3-1/8 | 1-1/2 | 1-3/8 | 11/16 | 22 | | VH0650924 |
| 8 | 3 | 6000 | 3-1/4 | 1-15/16 | 1 | 7/8 | 7/16 | 30 | VF0850116 | |
| 8 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/4 | 1-3/4 | 7/8 | 21-3/4 | VF0870120 | |
| 8 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/2 | 1-3/4 | 7/8 | 21-3/4 | VF0870124 | |
| 8 | 4 | 10000 | 4-1/2 | 2-7/16 | 1 | 1-3/4 | 7/8 | 21 | | VF0870916 |
| 8 | 4 | 10000 | 4-1/2 | 2-7/16 | 1-1/4 | 1-3/4 | 7/8 | 21 | | VF0870920 |
| 8 | 4 | 15000 | 4-1/2 | 3-1/8 | 1-1/4 | 1-3/4 | 7/8 | 27-1/2 | | VH0870920 |
| 8 | 4 | 15000 | 4-1/2 | 3-1/8 | 1-1/2 | 1-3/4 | 7/8 | 27-1/2 | | VH0870924 |
| 10 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/4 | 1-3/8 | 11/16 | 37-1/2 | VH1050120 | |
| 10 | 3 | 6000 | 3-1/4 | 2-7/16 | 1-1/2 | 1-3/8 | 11/16 | 37-1/2 | VH1050124 | |
| 10 | 3 | 6000 | 3-1/2 | 2-7/16 | 1 | 1-3/8 | 11/16 | 37 | | VH1050916 |
| 10 | 3 | 6000 | 3-1/2 | 2-7/16 | 1-1/4 | 1-3/8 | 11/16 | 37 | | VH1050920 |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1 | 1-3/8 | 11/16 | 27-3/4 | VF1050116 | |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 1-3/8 | 11/16 | 27-3/4 | VF1050120 | |
| 10 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/4 | 1-3/4 | 7/8 | 48 | VF1070120 | |
| 10 | 4 | 8350 | 4-1/4 | 2-7/16 | 1-1/2 | 1-3/4 | 7/8 | 48 | VF1070124 | |
| 10 | 4 | 10000 | 4-1/2 | 2-7/16 | 1 | 1-3/4 | 7/8 | 47-1/4 | | VF1070916 |
| 10 | 4 | 10000 | 4-1/2 | 2-7/16 | 1-1/4 | 1-3/4 | 7/8 | 47-1/4 | | VF1070920 |
| 10 | 4 | 15000 | 4-1/2 | 3-1/8 | 1-1/4 | 1-3/4 | 7/8 | 46-1/4 | | VH1070920 |
| 10 | 4 | 15000 | 4-1/2 | 3-1/8 | 1-1/2 | 1-3/4 | 7/8 | 46-1/4 | | VH1070924 |

HE Hi-Temp Nylon Wheels



Ideal for speciality applications, these wheels can withstand intermittent temperatures up to 550 degrees Fahrenheit. Nylon Glass-filled wheels won't chip, absorb water, or breakdown in caustic environments.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** Up to 475°F, 550°F intermittent consult factory
- **Hardness:** 85 Shore D ±5
- For stainless steel roller bearing specify **ZB03**

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Plain Bore (41) |
|-------|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|--|------------------------------------|
| 3 | 1-3/8 | 600 | 1-1/2 | 1/2 | 1/2 | 1/2 | | | HE0304108 |
| 3-1/2 | 1-3/8 | 700 | 1-1/2 | 1/2 | 1/2 | 3/8 | | | HE03X4108 |
| 4 | 1-1/4 | 700 | 1-7/16 | 1/2 | 1/2 | 1/2 | | | HE0404108 |
| 4 | 1-1/2 | 700 | 1-5/8 | 1-3/16 | 3/4 | 3/4 | | HE0410112 | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 1 | | HE0420112 | |
| 5 | 1-3/8 | 800 | 1-1/2 | 1/2 | 1/2 | 1 | | | HE0504108 |
| 5 | 1-1/2 | 800 | 1-5/8 | 1-3/16 | 3/4 | 1 | | HE0510112 | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | | HE0520112 | |
| 6 | 1-1/2 | 800 | 1-5/8 | 1-3/16 | 3/4 | 1-1/4 | | HE0610112 | |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | | HE0620112 | |
| 8 | 1-1/2 | 1200 | 1-5/8 | 1-3/16 | 3/4 | 1-1/2 | | HE0810112 | |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | | HE0820112 | |

Handles the Heat!

NW White Nylon Wheels

NEW MODEL!



Economical ... Strong ... Clean.
Excellent for clean rooms

FEATURES

- **Wheel face:** Moderate crown
- Composed of injection molded white nylon
- Maximum performance, economical solution for your most demanding caster applications
- Excellent ergonomics ... wheel starts rolling, keeps rolling and swivels with ease!
- **Temperature Range:** -20°F to 250°F
- **Hardness:** 85 Shore D ±5.

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Weight (Lbs) | Bearing | Wheel Number |
|---|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|-------------------------|-------------------------|--------------|
| 5 | 2 | 600 | 2-3/16 | 1-3/16 | 1-3/16 | 1 | | Plain Bore | NW0520019 |
| 5 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 1 | | Roller | NW0520112 |
| 5 | 2 | 600 | 2-3/16 | 1-3/16 | 1/2 | 1 | | Pedestal Precision Ball | NW0522908 |
| 5 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 1 | | Delrin | NW0525112 |
| 6 | 2 | 900 | 2-3/16 | 1-3/16 | 1-3/16 | 1-1/4 | | Plain Bore | NW0620019 |
| 6 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 1-1/4 | | Roller | NW0620112 |
| 6 | 2 | 900 | 2-3/16 | 1-3/16 | 1/2 | 1-1/4 | | Pedestal Precision Ball | NW0622908 |
| 6 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 1-1/4 | | Delrin | NW0625112 |
| 8 | 2 | 1100 | 2-3/16 | 1-3/16 | 1-3/16 | 2 | | Plain Bore | NW0820019 |
| 8 | 2 | 1100 | 2-3/16 | 1-3/16 | 3/4 | 2 | | Roller Bearing | NW0820112 |
| 8 | 2 | 1100 | 2-3/16 | 1-3/16 | 1/2 | 2 | | Pedestal Precision Ball | NW0822908 |
| 8 | 2 | 1100 | 2-3/16 | 1-3/16 | 3/4 | 2 | | Delrin | NW0825112 |



Your Clean Room Needs
Clean Casters

Introducing Albion
White Nylon NW
Wheels

ALBION

www.albioninc.com

NG Maxim® Glass-filled Nylon Wheels



Albion's Maxim® wheel delivers a maximum performance, economical solution for your most demanding caster applications. With a focus on ergonomics, this advanced wheel starts rolling, keeps rolling and swivels with ease! The innovative nylon and fiberglass construction stands up to solvents, extreme temperatures and high load capacities. Maxim wheels won't absorb moisture!

FEATURES

- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -40° to +250°F
- **Hardness:** 85 Shore D ±5

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Pedestal Precision Ball (29)* | Wheel Number Annular Ball Bearing (31) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-------------------------------------|---|---|
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 1 | NG0320112 | | |
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 1/2 | 1 | | NG0322908 | NG0323108 |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 1 | NG0420112 | | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 1/2 | 1 | | NG0422908 | NG0423108 |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1 | NG0520112 | | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 1/2 | 1 | | NG0522908 | NG0523108 |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | NG0620112 | | |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 1/2 | 1-1/8 | | NG0622908 | NG0623108 |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | NG0820112 | | |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 1/2 | 1-3/8 | | NG0822908 | NG0823108 |
| 10 | 2-1/2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | | NG1040112 | | |

* Hub length of pedestal precision bearing (29) models is 2-7/16".

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

Great Phenolic Replacement Wheel!

NR Maxim® NR Noise Reduction Wheels



Albion's Maxim® NR are similar to Maxim NG wheels, but with the added benefit of two rubber treads on the wheel edges to reduce noise and improve traction even under heavy loads. Not recommended for towing applications above 3mph. Temperature range is -40 degrees to +180 degrees Fahrenheit.

FEATURES

- **Wheel face:** Two rubber treads bonded to nylon tread
- **Finish:** Black
- **Temperature Range:** -40° to +250°F
- **Hardness:** 85 Shore D ±5

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01,07) | Wheel Number Pedestal Precision Ball (29)* | Wheel Number Annular Ball Bearing (31) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|--|---|---|
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 1 | NR0320112 | | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 1 | NR0420112 | | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 1/2 | 1 | | NR0422908 | NR0423108 |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1 | NR0520112 | | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 1/2 | 1 | | NR0522908 | NR0523108 |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | NR0620112 | | |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 1/2 | 1-1/8 | | NR0622908 | NR0623108 |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | NR0820112 | | |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 1/2 | 1-3/8 | | NR0822908 | NR0823108 |
| 10 | 2-1/2 | 1500 | 2-3/4 | 1-3/16 | 3/4 | 1-1/2 | NR1040712 | | |
| 10 | 2-1/2 | 1500 | 2-3/4 | 1-3/16 | 1/2 | 1-1/2 | | NR1042908 | NR1043108 |

* Hub length of pedestal precision bearing (29) models is 2-7/16".

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

NY Trionix™ High Impact Polymer



These unique high impact polymer wheels deliver superior rollability, capacity and slide resistance. Trionix™ features unique polymers that resist corrosion and most chemicals. Injection molded process.

FEATURES

- **Wheel face:** Slight crown
- **Finish:** Grey
- **Temperature Range NY:** -15°F to +185°F
- **Hardness:** 78-82 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for manual operation) | Hub Length* (Inches) | Bore ID (Inches) | Bearing ID* (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Bearing (28) |
|-------------------------|----------------------|--|----------------------|------------------|----------------------|-------------------|---|
| 8 | 2 | 1750 | 2-7/16 | 2 | 1/2 | 4 | NY0822808 |
| 10 | 3 | 2500 | 3-1/2 | 2-7/16 | 3/4 | 8 | NY1052812 |

*Hub length and Bearing ID are measured with top hats.

NX Trionix™ High Impact Polymer



Similar to NY wheels except straight sided and higher capacity. Wheels are machined, not injection molded.

FEATURES

- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -30°F to +220°F
- **Hardness:** 78-82 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for manual operation) | Hub Length* (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|-------------------------|----------------------|--|----------------------|------------------|---------------------|-------------------|--|
| 4 | 2 | 2160 | 2-7/16 | 2 | 1/2 | 4 | NX0422808 |
| 5 | 2 | 2160 | 2-7/16 | 2 | 1/2 | 5 | NX0522808 |
| 6 | 2 | 2160 | 2-7/16 | 2 | 1/2 | 6 | NX0622808 |
| 6 | 2-1/2 | 7200 | 3 | 2 | 3/4 | 6-1/2 | NX0642812 |
| 6 | 3 | 7200 | 3-1/2 | 2 | 3/4 | 6-1/2 | NX0652812 |
| 8 | 2 | 2160 | 2-7/16 | 2 | 1/2 | 8 | NX0822808 |
| 8 | 2-1/2 | 7200 | 3 | 2 | 3/4 | 9 | NX0842812 |
| 8 | 3 | 7200 | 3-1/2 | 2 | 3/4 | 9 | NX0852812 |
| 10 | 2-1/2 | 7200 | 3 | 2 | 3/4 | 10 | NX1042812 |
| 10 | 3 | 7200 | 3-1/2 | 2 | 3/4 | 10 | NX1052812 |

*Hub length and Bearing ID are measured over top hats.

TH/TS Straight Sided Phenolic



Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (300°F intermittent)
- **Hardness:** Rockwell 102 E

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) |
|---|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|---|
| 4 | 1-1/2 | 500 | 1-27/32 | 1-1/16 | 3/4 | 3/4 | | TS0410112 |
| 4 | 1-7/8 | 800 | 2-13/32 | 1-3/16 | 3/4 | 1 | | TS0420112 |
| 4 | 2 | 1000 | 2-3/16 | 1-3/16 | 1/2 | 1-3/4 | | TH0420108 |
| 4 | 2 | 1000 | 2-3/16 | 1-3/16 | 5/8 | 1-3/4 | | TH0420110 |
| 4 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | | TH0420112~ |
| 5 | 1-1/2 | 500 | 1-27/32 | 1-1/16 | 3/4 | 1-1/4 | | TS0510112~ |
| 5 | 1-7/8 | 1000 | 2-13/32 | 1-3/16 | 3/4 | 1-1/2 | | TS0520112 |
| 5 | 2 | 1200 | 2-3/16 | 1-3/16 | 1/2 | 2-1/4 | | TH0520108 |
| 5 | 2 | 1200 | 2-3/16 | 1-3/16 | 5/8 | 2-1/4 | | TH0520110 |
| 5 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 2-1/4 | | TH0520112~ |
| 6 | 1-1/2 | 500 | 1-27/32 | 1-3/16 | 3/4 | 1-1/4 | | TS0610112 |
| 6 | 1-7/8 | 1200 | 2-13/32 | 1-3/16 | 3/4 | 1-3/4 | | TS0620112 |
| 6 | 2 | 1500 | 2-3/16 | 1-3/16 | 1/2 | 3 | | TH0620108 |
| 6 | 2 | 1500 | 2-3/16 | 1-3/16 | 5/8 | 3 | | TH0620110 |
| 6 | 2 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 3 | | TH0620112~ |
| 8 | 1-7/8 | 1400 | 2-13/32 | 1-3/16 | 3/4 | 4 | | TS0820112 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

TL Laminated Phenolic Wheels



Laminated tread is highly resistant to chipping or fraying. Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers. Color is brown with black core. See TM section for features and options.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Tapered Roller (09) |
|---|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|---|
| 6 | 5 | 8000 | 5-1/2 | 1-1/16 | 1 | 15-1/2 | | TL0680916 |
| 6 | 5 | 8000 | 5-1/2 | 1-3/16 | 1-1/4 | 15-1/2 | | TL0680920 |

Other sizes available, consult factory.

TM

phenolic Wheels



Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (300°F intermittent)
- **Hardness:** Rockwell 102 E

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

TR

Heat Resistant phenolic



Similar to TM wheels, but temperature range increases to up to +475°F continuous use, +525°F intermittent use. Color is reddish green. See TM section for features and options. To order TR wheels change TM wheel number to **TR**. Example: TR1040116. Capacities are reduced – consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rate for normal operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|-------------------------------------|
| 3 | 1-1/4 | 400 | 1-3/8 | 1-1/16 | 1/2 | 1/2 | TM0300108 | |
| 3-1/4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 1/2 | 3/4 | TM0310108 | |
| 3-1/4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 5/8 | 3/4 | TM0310110 | |
| 3-1/4 | 1-1/2^ | 600 | 1-5/8 | 1-3/16 | 3/4 | 3/4 | TM0310112~ | |
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 1/2 | 1-1/4 | TM0320108 | |
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 5/8 | 1-1/4 | TM0320110 | |
| 3-1/4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 1-1/4 | TM0320112~ | |
| 3-1/2 | 1-1/4 | 400 | 1-3/8 | 1-1/16 | 1/2 | 3/4 | TM03X0108 | |
| 4 | 1-1/4 | 400 | 1-3/8 | 1-1/16 | 1/2 | 3/4 | TM0400108 | |
| 4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 1/2 | 1 | TM0410108 | |
| 4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 5/8 | 1 | TM0410110 | |
| 4 | 1-1/2^ | 600 | 1-5/8 | 1-3/16 | 3/4 | 1 | TM0410112~ | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 1/2 | 1-1/2 | TM0420108 | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 5/8 | 1-1/2 | TM0420110 | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | TM0420112~ | |
| 5 | 1-1/4 | 400 | 1-3/8 | 1-1/16 | 1/2 | 1-1/4 | TM0500108 | |
| 5 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 1/2 | 1-1/2 | TM0510108 | |
| 5 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 5/8 | 1-1/2 | TM0510110 | |
| 5 | 1-1/2^ | 600 | 1-5/8 | 1-3/16 | 3/4 | 1-1/2 | TM0510112~ | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 1/2 | 1-3/4 | TM0520108 | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 5/8 | 1-3/4 | TM0520110 | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | TM0520112~ | |
| 6 | 1-1/2 | 800 | 1-5/8 | 1-3/16 | 1/2 | 1-1/2 | TM0610108 | |
| 6 | 1-1/2 | 800 | 1-5/8 | 1-3/16 | 5/8 | 1-1/2 | TM0610110 | |
| 6 | 1-1/2^ | 800 | 1-5/8 | 1-3/16 | 3/4 | 1-1/2 | TM0610112~ | |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 1/2 | 2-1/2 | TM0620108 | |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 5/8 | 2-1/2 | TM0620110 | |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 2-1/2 | TM0620112~ | |
| 6 | 2-1/2 | 1600 | 3-1/4 | 1-15/16 | 1 | 4-1/2 | TM0640116 | |
| 6 | 2-1/2 | 1600 | 3-1/4 | 1-15/16 | 1-1/4 | 4-1/2 | TM0640120 | |
| 6 | 2-1/2 | 1600 | 2-3/4 | 1-15/16 | 1 | 4-1/4 | TM0640516 | |
| 6 | 2-1/2 | 1600 | 2-3/4 | 1-3/16 | 3/4 | 3-1/2 | TM0640712 | |
| 6 | 2-1/2 | 1600 | 3-1/2 | 1-15/16 | 3/4 | 4-1/4 | | TM0640912 |
| 6 | 3 | 2000 | 3-1/4 | 1-3/16 | 1 | 5 | TM0650116 | |
| 6 | 3 | 2000 | 3-1/4 | 1-3/16 | 1-1/4 | 5 | TM0650120 | |
| 6 | 3 | 2000 | 3-1/2 | 1-3/16 | 3/4 | 4-3/4 | | TM0650912 |
| 6 | 3 | 2000 | 3-1/2 | 1-3/16 | 1 | 4-3/4 | | TM0650916 |
| 6 | 3 | 2000 | 3-1/2 | 1-1/16 | 1-1/4 | 4-3/4 | | TM0650920 |
| 7 | 3 | 2200 | 3-1/4 | 1-15/16 | 1 | 6-1/2 | TM0750116 | |
| 7 | 3 | 2200 | 3-1/4 | 1-15/16 | 1-1/4 | 6-1/2 | TM0750120 | |
| 7 | 3 | 2200 | 3-1/2 | 1-15/16 | 3/4 | 6-1/4 | | TM0750912 |
| 7 | 3 | 2200 | 3-1/2 | 2 | 1 | 6-1/4 | | TM0750916 |
| 7 | 3 | 2200 | 3-1/2 | 2-11/32 | 1-1/4 | 6-1/4 | | TM0750920 |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 5/8 | 4 | TM0820110 | |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 4 | TM0820112~ | |
| 8 | 2-1/2 | 2000 | 3-1/4 | 1-15/16 | 1 | 6-1/4 | TM0840116 | |
| 8 | 2-1/2 | 2000 | 3-1/4 | 1-15/16 | 1-1/4 | 6-1/4 | TM0840120 | |
| 8 | 2-1/2 | 1800 | 2-3/4 | 1-15/16 | 1 | 5-3/4 | TM0840516 | |
| 8 | 2-1/2 | 1600 | 2-3/4 | 1-3/16 | 3/4 | 5-1/4 | TM0840712 | |
| 8 | 2-1/2 | 2000 | 3-1/2 | 1-15/16 | 3/4 | 6 | | TM0840912 |
| 8 | 2-1/2 | 2000 | 3-1/2 | 2 | 1 | 6 | | TM0840916 |
| 8 | 3 | 2500 | 3-1/4 | 1-15/16 | 1 | 7-1/4 | TM0850116 | |
| 8 | 3 | 2500 | 3-1/4 | 1-15/16 | 1-1/4 | 7-1/4 | TM0850120 | |
| 8 | 3 | 2500 | 3-1/2 | 1-15/16 | 3/4 | 7 | | TM0850912 |
| 8 | 3 | 2500 | 3-1/2 | 2 | 1 | 7 | | TM0850916 |
| 8 | 3 | 2500 | 3-1/2 | 2-11/32 | 1-1/4 | 7 | | TM0850920 |
| 8 | 6** | 5000 | 6-1/2 | 2-11/32 | 1-1/4 | 15-1/2 | | TM0890920 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 27/16" spanner and spacers included.

**Specially machined wheel built from 2 modified 3" tread width wheels.

PHENOLIC WHEELS • UP TO 8000

Continued next page.



TM Continued

TR Heat Resistant Phenolic



Similar to TM wheels, but temperature range increases to up to +475°F continuous use, +525°F intermittent use. Color is reddish green. See TM section for features and options. To order TR wheels change TM wheel number to **TR**. Example: **TR1040116**. Capacities are reduced – consult factory.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|----|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|--|--|
| 10 | 2-1/2 | 2500 | 3-1/4 | 1-15/16 | 1 | 7-3/4 | | TM1040116 | |
| 10 | 2-1/2 | 2500 | 3-1/4 | 1-15/16 | 1-1/4 | 7-3/4 | | TM1040120 | |
| 10 | 2-1/2 | 2500 | 2-3/4 | 1-15/16 | 1 | 7-1/2 | | TM1040516 | |
| 10 | 2-1/2 | 2500 | 2-3/4 | 1-3/16 | 3/4 | 7 | | TM1040712 | |
| 10 | 3 | 2900 | 3-1/4 | 1-15/16 | 1 | 9-3/4 | | TM1050116 | |
| 10 | 3 | 2900 | 3-1/4 | 1-15/16 | 1-1/4 | 9-3/4 | | TM1050120 | |
| 10 | 3 | 2900 | 3-1/2 | 1-15/16 | 3/4 | 9-1/2 | | | TM1050912 |
| 10 | 3 | 2900 | 3-1/2 | 2 | 1 | 9-1/2 | | | TM1050916 |
| 10 | 3 | 2900 | 3-1/2 | 2-11/32 | 1-1/4 | 9-1/2 | | | TM1050920 |
| 10 | 6** | 5800 | 6-1/2 | 2-11/32 | 1-1/4 | 20-1/2 | | | TM1090920 |
| 12 | 2-1/2 | 3000 | 3-1/4 | 1-15/16 | 1 | 11-3/4 | | TM1240116 | |
| 12 | 2-1/2 | 3000 | 3-1/4 | 1-15/16 | 1-1/4 | 11-3/4 | | TM1240120 | |
| 12 | 2-1/2 | 1800 | 2-3/4 | 1-15/16 | 1 | 11-1/4 | | TM1240516 | |
| 12 | 3 | 3500 | 3-1/4 | 1-15/16 | 1 | 12-3/4 | | TM1250116 | |
| 12 | 3 | 3500 | 3-1/4 | 1-15/16 | 1-1/4 | 12-3/4 | | TM1250120 | |
| 12 | 3 | 3500 | 3-1/2 | 1-15/16 | 3/4 | 12-1/2 | | | TM1250912 |
| 12 | 3 | 3500 | 3-1/2 | 2 | 1 | 12-1/2 | | | TM1250916 |
| 12 | 3 | 3500 | 3-1/2 | 2-11/32 | 1-1/4 | 12-1/2 | | | TM1250920 |
| 12 | 3-1/2 | 4000 | 4-1/4 | 2-7/16 | 1-1/4 | 23-1/2 | | TM1260120 | |
| 12 | 3-1/2 | 4000 | 4-1/4 | 2-7/16 | 1-1/2 | 23-1/2 | | TM1260124 | |
| 12 | 3-1/2 | 4000 | 4-1/2 | 2-7/16 | 1 | 23 | | | TM1260916 |
| 12 | 3-1/2 | 4000 | 4-1/2 | 2-7/16 | 1-1/4 | 23 | | | TM1260920 |
| 12 | 4 | 8000 | 4-1/2 | 2-11/32 | 1-1/4 | 26-1/4 | | | TM1270920 |
| 16 | 3 | 4000 | 4-1/4 | 2-7/16 | 1-1/4 | 25 | | TM1650120 | |
| 16 | 3 | 4000 | 4-1/4 | 2-7/16 | 1-1/2 | 25 | | TM1650124 | |
| 16 | 3 | 4000 | 4-1/2 | 2-7/16 | 1-1/4 | 25-3/4 | | | TM1650920 |
| 16 | 4 | 8000 | 5-1/4 | 2-7/16 | 1-1/4 | 35-3/4 | | TM1670120 | |
| 16 | 4 | 8000 | 5-1/4 | 2-7/16 | 1-1/2 | 35-3/4 | | TM1670124 | |
| 16 | 4 | 8000 | 5-1/2 | 2-7/16 | 1-1/4 | 34-1/4 | | | TM1670920 |
| 18 | 3 | 3500 | 3-1/4 | 1-15/16 | 1 | 23-3/4 | | TM1850116 | |
| 18 | 3 | 3500 | 3-1/4 | 1-15/16 | 1-1/4 | 23-3/4 | | TM1850120 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 27/16" spanner and spacers included.

**Specially machined wheel built from 2 modified 3" tread width wheels.

GP **Fiberglass Filled polypropylene**



A new innovative wheel featuring heavy-duty reinforced fiberglass filled polypropylene. Our test data shows that it last three times longer than the competition. Wheel has excellent mobility under heavy load and resists many features excellent chemical resistance.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20 to +250°F
- **Hardness:** 65 Shore D

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Pedestal Precision Ball (29)* | Wheel Number Delrion Bearing (51) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|--|-----------------------------------|
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 1 | GP0420112 | | |
| 4 | 2 | 800 | 2-3/16 | 1-3/16 | 1/2 | 1 | | GP0422908 | GP0425108 |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1 | GP0520112 | | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 1/2 | 1 | | GP0522908 | GP0525108 |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | GP0620112 | | |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 1/2 | 1-1/8 | | GP0622908 | GP0625108 |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | GP0820112 | | |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 1/2 | 1-3/8 | | GP0822908 | GP0825108 |

Question: **What Happens When Albion's "Mad Engineers" Mix Polypropylene and Fiberglass?**

Answer: *A wheel that lasts 3 times longer than the competition*

ALBION

www.albioninc.com

IB **polypropylene**

EMPIRE™ Casters & Wheels



Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Molded with a crown
- **Finish:** Black

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Pedestal Precision Ball (29)* | Wheel Number Delrion Bearing (51) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|--|-----------------------------------|
| 4 | 2 | 400 | 2-3/16 | 1-3/16 | 3/4 | 1 | IB0420112 | | |
| 4 | 2 | 400 | 2-3/16 | 1-3/16 | 1/2 | 1 | | IB0422908 | IB0425108 |
| 5 | 2 | 500 | 2-3/16 | 1-3/16 | 3/4 | 1-1/4 | IB0520112 | | |
| 5 | 2 | 500 | 2-3/16 | 1-3/16 | 1/2 | 1-1/4 | | IB0522908 | IB0525108 |
| 6 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | IB0620112 | | |
| 6 | 2 | 700 | 2-3/16 | 1-3/16 | 1/2 | 1-1/2 | | IB0622908 | IB0625108 |
| 8 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | IB0820112 | | |
| 8 | 2 | 900 | 2-3/16 | 1-3/16 | 1/2 | 1-3/4 | | IB0822908 | IB0825108 |

- **Economical**
- **Ready to Ship**

Wheels used for 15 and 60 Series Empire Casters



15 Series

60 Series

ALBION®

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| Capacities to 800 lbs. NEW MODEL! | |
|  IP Empire Economical Polyurethane | 178 |
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| Capacities to 900 lbs. | |



Polyurethane Professionals

Albion Industries knows polyurethane.

With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our caster and wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.



Polyurethane Core Recycle



Albion can Re-Poly your old polyurethane on metal cores with a new burn-off oven. Consult factory for details.

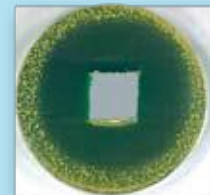


Polyurethane Prevenz™

Many polyurethane wheels feature the Prevenz™ antimicrobial option. The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of model number.



Without Prevenz™



With Prevenz™

Above photos show the difference in bacterial growth over a seven day incubation period.



XA Prevenz™



XA Prevenz™
Heavy Duty



XP Prevenz™



PY Prevenz™



PX Prevenz™



VULKOLLAN®

THE ULTIMATE ELASTOMER

FACT: Only ONE Caster Company In North America Manufactures Wheels Made With Vulkollan® Polyurethane Raw Materials.

Aren't You Glad It's ALBION!

Now the highest quality polyurethane in the world is available from the highest quality caster company in the world. Under a strict licensing agreement with Bayer MaterialScience, ALBION is now the exclusive caster manufacturer of Vulkollan® polyurethane wheels in North America. What does this mean for our customers?

If you are looking for unmatched performance and legendary durability, look to ALBION...your only source for the best polyurethane wheels in the world.

FEATURES

The Vulkollan raw materials are superior and the processes take longer, but as you can see from the features, some things are worth waiting for:

- Superior tear resistance
- Superior rebound resilience
- Superior ozone, grease and oils resistance
- Superior dynamic load capacity
- Superior reliability
- Superior wear resistance
- Superior structural strength
- Low permanent deformation
- Reduced downtime and maintenance costs
- Bottom line: wheel may last 40% longer than most polyurethane wheels especially in extreme conditions



You're looking at the only Vulkollan caster wheel manufacturing facility in North America.



Applications



Vulkollan is a registered trademark of Bayer AG, Germany.



New! Vulkollan® on Cast Iron

Highest quality polyurethane in the world.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Flat
- **Finish:** Orange/Brown tread on cast iron core

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Note: Vulkollan is a registered trademark of Bayer MaterialScience.

Vulkollan Value Quotient:

- **Highest Quality Polyurethane in the World**
- **Extremely Durable**
- **High Load Capacity**
- **Ergonomic - Easy to Roll**
- **High Abrasion Resistance**

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (lbs) (based for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01,05) | Wheel Number Tapered Bearing (09) | Wheel Number Precision Ball (28) |
|----|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|---|---|--|
| 6 | 2-1/2 | 2350 | 3-1/4 | 1-15/16 | 1 | 10-1/2 | | VY0640116 | | |
| 6 | 2-1/2 | 2350 | 3-1/4 | 1-15/16 | 1-1/4 | 10-1/2 | | VY0640120 | | |
| 6 | 2-1/2 | 2350 | 2-3/4 | 1-15/16 | 1 | 11 | | VY0640516 | | |
| 6 | 3 | 3000 | 3-1/2 | 2.04 | 3/4 | 13-3/4 | | | | VY0652812 |
| 6 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | 13-3/4 | | VY0650116 | | |
| 6 | 3 | 3000 | 3-1/4 | 1-15/16 | 1-1/4 | 13-3/4 | | VY0650120 | | |
| 6 | 3 | 3000 | 3-1/2 | 1-15/16 | 3/4 | 13-1/4 | | | VY0650912 | |
| 6 | 3 | 3000 | 3-1/2 | 1.98 | 1 | 13-1/4 | | | VY0650916 | |
| 8 | 2-1/2 | 2900 | 3-1/4 | 1-15/16 | 1 | 13 | | VY0840116 | | |
| 8 | 2-1/2 | 2900 | 3-1/4 | 1-15/16 | 1-1/4 | 13 | | VY0840120 | | |
| 8 | 2-1/2 | 2900 | 2-3/4 | 1-15/16 | 1 | 13 | | VY0840516 | | |
| 8 | 3 | 4000 | 3-1/2 | 2.04 | 3/4 | 16 | | | | VY0852812 |
| 8 | 3 | 4000 | 3-1/2 | 2-7/16 | 25mm | 16 | | | | VY0852816 |
| 8 | 3 | 4000 | 3-1/4 | 1-15/16 | 1 | 16 | | VY0850116 | | |
| 8 | 3 | 4000 | 3-1/4 | 1-15/16 | 1-1/4 | 16 | | VY0850120 | | |
| 8 | 3 | 4000 | 3-1/2 | 1-15/16 | 3/4 | 15-3/4 | | | VY0850912 | |
| 8 | 3 | 4000 | 3-1/2 | 1.98 | 1 | 15-3/4 | | | VY0850916 | |
| 8 | 3 | 4000 | 3-1/2 | 2.33 | 1-1/4 | 15-3/4 | | | VY0850920 | |
| 8 | 4 | 5050 | 4-1/4 | 2-7/16 | 1-1/4 | 23-3/4 | | VY0870120 | | |
| 8 | 4 | 5050 | 4-1/2 | 2-7/16 | 1 | 22-1/2 | | | VY0870916 | |
| 8 | 4 | 5050 | 4-1/2 | 2-7/16 | 1-1/4 | 22-1/2 | | | VY0870920 | |
| 10 | 2-1/2 | 3450 | 3-1/4 | 1-15/16 | 1 | 17-1/4 | | VY1040116 | | |
| 10 | 2-1/2 | 3450 | 3-1/4 | 1-15/16 | 1-1/4 | 17-1/4 | | VY1040120 | | |
| 10 | 2-1/2 | 3450 | 2-3/4 | 1-15/16 | 1 | 17-1/2 | | VY1040516 | | |
| 10 | 3 | 5000 | 3-1/2 | 2.04 | 3/4 | 20-1/2 | | | | VY1052812 |
| 10 | 3 | 5000 | 3-1/2 | 2-7/16 | 25mm | 20-1/2 | | | | VY1052816 |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1 | 20-1/2 | | VY1050116 | | |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 20-1/2 | | VY1050120 | | |
| 10 | 3 | 5000 | 3-1/2 | 1-15/16 | 3/4 | 20 | | | VY1050912 | |
| 10 | 3 | 5000 | 3-1/2 | 1.98 | 1 | 20 | | | VY1050916 | |
| 10 | 3 | 5000 | 3-1/2 | 2.33 | 1-1/4 | 20 | | | VY1050920 | |
| 10 | 4 | 6050 | 4-1/4 | 2-7/16 | 1-1/4 | 30-1/4 | | VY1070120 | | |
| 10 | 4 | 6050 | 4-1/2 | 2-7/16 | 1 | 29 | | | VY1070916 | |
| 10 | 4 | 6050 | 4-1/2 | 2-7/16 | 1-1/4 | 29 | | | VY1070920 | |
| 12 | 3 | 5300 | 3-1/4 | 1-15/16 | 1 | 28-1/4 | | VY1250116 | | |
| 12 | 3 | 5300 | 3-1/4 | 1-15/16 | 1-1/4 | 28-1/4 | | VY1250120 | | |
| 12 | 3 | 5300 | 3-1/2 | 1-15/16 | 3/4 | 28 | | | VY1250912 | |
| 12 | 3 | 5300 | 3-1/2 | 1.98 | 1 | 28 | | | VY1250916 | |
| 12 | 3 | 5300 | 3-1/2 | 2.33 | 1-1/4 | 28 | | | VY1250920 | |
| 12 | 4 | 6925 | 4-1/4 | 2-7/16 | 1-1/4 | 36-3/4 | | VY1270120 | | |
| 12 | 4 | 6925 | 4-1/2 | 2-7/16 | 1 | 35-1/2 | | | VY1270916 | |
| 12 | 4 | 6925 | 4-1/2 | 2-7/16 | 1-1/4 | 35-1/2 | | | VY1270920 | |

IMPORTANT: The color of Vulkollan will change over time and exposure to UV rays from an off-white to a very dark brown.

**New! 2" Tread Width
Models Available!
Consult Factory.**

VX New! Thick Tread Vulkollan® on Cast Iron



Highest quality polyurethane in the world.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Flat
- **Finish:** Orange/Brown tread on cast iron core

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Note: Vulkollan is a registered trademark of Bayer MaterialScience.

Vulkollan Value Quotient:

- **Highest Quality Polyurethane in the World**
- **Extremely Durable**
- **High Load Capacity**
- **Ergonomic - Easy to Roll**
- **High Abrasion Resistance**

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (lbs) (Roll for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01,05) | Wheel Number Tapered Bearing (09) | Wheel Number Precision Ball (28) |
|----|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|-------------------------------------|-----------------------------------|----------------------------------|
| 6 | 2-1/2 | 2350 | 3-1/4 | 1-15/16 | 1 | 10-1/2 | | VX0640116 | | |
| 6 | 2-1/2 | 2350 | 3-1/4 | 1-15/16 | 1-1/4 | 10-1/2 | | VX0640120 | | |
| 6 | 2-1/2 | 2350 | 2-3/4 | 1-15/16 | 1 | 11 | | VX0640516 | | |
| 6 | 3 | 3000 | 3-1/2 | 2.04 | 3/4 | 13-3/4 | | | | VX0652812 |
| 6 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | 13-3/4 | | VX0650116 | | |
| 6 | 3 | 3000 | 3-1/4 | 1-15/16 | 1-1/4 | 13-3/4 | | VX0650120 | | |
| 6 | 3 | 3000 | 3-1/2 | 1-15/16 | 3/4 | 13-1/4 | | | VX0650912 | |
| 6 | 3 | 3000 | 3-1/2 | 1.98 | 1 | 13-1/4 | | | VX0650916 | |
| 8 | 2-1/2 | 2900 | 3-1/4 | 1-15/16 | 1 | 13 | | VX0840116 | | |
| 8 | 2-1/2 | 2900 | 3-1/4 | 1-15/16 | 1-1/4 | 13 | | VX0840120 | | |
| 8 | 2-1/2 | 2900 | 2-3/4 | 1-15/16 | 1 | 13 | | VX0840516 | | |
| 8 | 3 | 4000 | 3-1/2 | 2.04 | 3/4 | 16 | | | | VX0852812 |
| 8 | 3 | 4000 | 3-1/4 | 1-15/16 | 1 | 16 | | VX0850116 | | |
| 8 | 3 | 4000 | 3-1/4 | 1-15/16 | 1-1/4 | 16 | | VX0850120 | | |
| 8 | 3 | 4000 | 3-1/2 | 1-15/16 | 3/4 | 15-3/4 | | | VX0850912 | |
| 8 | 3 | 4000 | 3-1/2 | 1.98 | 1 | 15-3/4 | | | VX0850916 | |
| 8 | 3 | 4000 | 3-1/2 | 2.33 | 1-1/4 | 15-3/4 | | | VX0850920 | |
| 10 | 2-1/2 | 3450 | 3-1/4 | 1-15/16 | 1 | 17-1/4 | | VX1040116 | | |
| 10 | 2-1/2 | 3450 | 3-1/4 | 1-15/16 | 1-1/4 | 17-1/4 | | VX1040120 | | |
| 10 | 2-1/2 | 3450 | 2-3/4 | 1-15/16 | 1 | 17-1/2 | | VX1040516 | | |
| 10 | 3 | 5000 | 3-1/2 | 2.04 | 3/4 | 20-1/2 | | | | VX1052812 |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1 | 20-1/2 | | VX1050116 | | |
| 10 | 3 | 5000 | 3-1/4 | 1-15/16 | 1-1/4 | 20-1/2 | | VX1050120 | | |
| 10 | 3 | 5000 | 3-1/2 | 1-15/16 | 3/4 | 20 | | | VX1050912 | |
| 10 | 3 | 5000 | 3-1/2 | 1.98 | 1 | 20 | | | VX1050916 | |
| 10 | 3 | 5000 | 3-1/2 | 2.33 | 1-1/4 | 20 | | | VX1050920 | |

IMPORTANT: The color of Vulkollan will change over time and exposure to UV rays from an off-white to a very dark brown.

PY/PH Polyurethane on Cast Iron Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat or crown tread
- **Finish:** Green tread on black core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- **80 Shore A** durometer option available (15% capacity reduction) Butterscotch tread on black core.
- **70 Shore D** durometer option available (20% capacity increase) Black tread on black core.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



70 Shore D Models

80 Shore A Models

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Max for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller Bearing (09) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|--|
| 3-1/4 | 1-5/8 | 420 | 1-5/8 | 1-3/16 | 1/2 | 1 | PY0310108 | |
| 3-1/4 | 1-5/8 | 420 | 1-5/8 | 1-3/16 | 5/8 | 1 | PY0310110 | |
| 3-1/4 | 1-5/8^ | 420 | 1-5/8 | 1-3/16 | 3/4 | 1 | PY0310112~ | |
| 3-1/4 | 2-3/16 | 540 | 2-3/16 | 1-3/16 | 1/2 | 1-1/4 | PY0320108 | |
| 3-1/4 | 2-3/16 | 540 | 2-3/16 | 1-3/16 | 5/8 | 1-1/4 | PY0320110 | |
| 3-1/4 | 2-3/16 | 540 | 2-3/16 | 1-3/16 | 3/4 | 1-1/4 | PY0320112~ | |
| 3-1/4 | 3-1/4 | 850 | 3-1/4 | 1-15/16 | 1 | 3 | PY0350116 | |
| 3-1/4 | 3-1/4 | 850 | 3-1/4 | 1-15/16 | 1-1/4 | 3 | PY0350120 | |
| 3-1/4 | 4-1/4 | 1100 | 4-1/4 | 1-15/16 | 1 | 3-3/4 | PY0370116 | |
| 3-1/4 | 4-1/4 | 1100 | 4-1/4 | 1-15/16 | 1-1/4 | 3-3/4 | PY0370120 | |
| 3-1/4 | 4-1/4 | 1100 | 4-1/2 | 1-15/16 | 3/4 | 3-3/4 | | PY0370912 |
| 5 | 2-1/2 | 1290 | 2-3/4 | 1-15/16 | 1 | 8 | PY0540516 | |
| 5 | 2-1/2 | 1290 | 3-1/4 | 1-15/16 | 1 | 8-1/2 | PY0540116 | |
| 5 | 2-1/2 | 1290 | 3-1/4 | 1-15/16 | 1-1/4 | 8-1/2 | PY0540120 | |
| 5 | 3 | 1530 | 3-1/4 | 1-15/16 | 1 | 9 | PY0550116 | |
| 5 | 3 | 1530 | 3-1/4 | 1-15/16 | 1-1/4 | 9 | PY0550120 | |
| 5 | 3 | 1530 | 3-1/2 | 1-15/16 | 3/4 | 8-1/2 | | PY0550912 |
| 6 | 1-1/2 | 840 | 1-5/8 | 1-3/16 | 1/2 | 4 | PY0610108 | |
| 6 | 1-1/2 | 840 | 1-5/8 | 1-3/16 | 5/8 | 4 | PY0610110 | |
| 6 | 1-1/2^ | 840 | 1-5/8 | 1-3/16 | 3/4 | 4 | PY0610112~ | |
| 6 | 2 | 1230 | 2-3/16 | 1-7/16 | 7/8 | 6 | PH0620114 | |
| 6 | 2 | 1230 | 2-3/16 | 1-7/16 | 1 | 6 | PH0620116 | |
| 6 | 2-1/2 | 1620 | 2-3/4 | 1-3/16 | 3/4 | 6-3/4 | PY0640712 | |
| 6 | 2-1/2 | 1620 | 2-3/4 | 1-15/16 | 1 | 11 | PY0640516 | |
| 6 | 2-1/2 | 1620 | 3-1/4 | 1-15/16 | 1 | 10-1/2 | PY0640116 | |
| 6 | 2-1/2 | 1620 | 3-1/4 | 1-15/16 | 1-1/4 | 10-1/2 | PY0640120 | |
| 6 | 2-1/2 | 1620 | 3-1/2 | 1-15/16 | 3/4 | 10-1/2 | | PY0640912 |
| 6 | 3 | 2040 | 3-1/4 | 1-15/16 | 1 | 13-3/4 | PY0650116 | |
| 6 | 3 | 2040 | 3-1/4 | 1-15/16 | 1-1/4 | 13-3/4 | PY0650120 | |
| 6 | 3 | 2040 | 3-1/2 | 1-15/16 | 3/4 | 13-1/4 | | PY0650912 |
| 6 | 3 | 2040 | 3-1/2 | 1.98 | 1 | 13-1/4 | | PY0650916 |
| 8 | 2-1/2 | 2010 | 3-1/4 | 1-15/16 | 1 | 13 | PY0840116 | |
| 8 | 2-1/2 | 2010 | 3-1/4 | 1-15/16 | 1-1/4 | 13 | PY0840120 | |
| 8 | 2-1/2 | 1800 | 2-3/4 | 1-15/16 | 1 | 13 | PY0840516 | |
| 8 | 2-1/2 | 1600 | 2-3/4 | 1-3/16 | 3/4 | 9-3/4 | PY0840712 | |
| 8 | 2-1/2 | 2010 | 3-1/2 | 1-15/16 | 3/4 | 12-3/4 | | PY0840912 |
| 8 | 3 | 2520 | 3-1/4 | 1-15/16 | 1 | 16 | PY0850116 | |
| 8 | 3 | 2520 | 3-1/4 | 1-15/16 | 1-1/4 | 16 | PY0850120 | |
| 8 | 3 | 2520 | 3-1/2 | 1-15/16 | 3/4 | 15-3/4 | | PY0850912 |
| 8 | 3 | 2520 | 3-1/2 | 1.98 | 1 | 15-3/4 | | PY0850916 |
| 8 | 3 | 2520 | 3-1/2 | 2.33 | 1-1/4 | 15-3/4 | | PY0850920 |
| 8 | 3 | 2520 | 3-1/4 | 2-7/16 | 1-1/4 | 15-1/2 | PH0850120 | |
| 8 | 3 | 2520 | 3-1/4 | 2-7/16 | 1-1/2 | 15-1/2 | PH0850124 | |
| 8 | 4 | 3500 | 4-1/4 | 2-7/16 | 1-1/4 | 23-3/4 | PY0870120 | |
| 8 | 4 | 3500 | 4-1/4 | 2-7/16 | 1-1/2 | 23-3/4 | PY0870124 | |
| 8 | 4 | 3500 | 4-1/2 | 2-7/16 | 1 | 22-1/2 | | PY0870916 |
| 8 | 4 | 3500 | 4-1/2 | 2-7/16 | 1-1/4 | 22-1/2 | | PY0870920 |
| 10 | 2-1/2 | 2370 | 3-1/4 | 1-15/16 | 1 | 17-1/4 | PY1040116 | |
| 10 | 2-1/2 | 2370 | 3-1/4 | 1-15/16 | 1-1/4 | 17-1/4 | PY1040120 | |
| 10 | 2-1/2 | 2370 | 2-3/4 | 1-15/16 | 1 | 17-1/2 | PY1040516 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | 20-1/2 | PY1050116 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1-1/4 | 20-1/2 | PY1050120 | |
| 10 | 3 | 3000 | 3-1/2 | 1-15/16 | 3/4 | 20 | | PY1050912 |
| 10 | 3 | 3000 | 3-1/2 | 1.98 | 1 | 20 | | PY1050916 |
| 10 | 3 | 3000 | 3-1/2 | 2.33 | 1-1/4 | 20 | | PY1050920 |
| 10 | 3 | 3000 | 3-1/4 | 2-7/16 | 1-1/4 | 19-3/4 | PH1050120 | |
| 10 | 3 | 3000 | 3-1/4 | 2-7/16 | 1-1/2 | 19-3/4 | PH1050124 | |
| 10 | 4 | 4200 | 4-1/4 | 2-7/16 | 1-1/4 | 30-1/4 | PY1070120 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.
^ 2/16" spanner and spacers included.

PY

PY/PH Continued



**Prevenz™ Antimicrobial
Available on all Models**



We can help you recycle old polyurethane on metal cores. Consult factory for details.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller Bearing (09) |
|----|-----------------------------------|--------------------------------|--|-------------------------------|----------------------------|-------------------------------|-----------------------------|---|---|
| 10 | 4 | 4200 | 4-1/4 | 2-7/16 | 1-1/2 | 30-1/4 | PY1070124 | | |
| 10 | 4 | 4200 | 4-1/2 | 2-7/16 | 1 | 29 | | PY1070916 | |
| 10 | 4 | 4200 | 4-1/2 | 2-7/16 | 1-1/4 | 29 | | PY1070920 | |
| 10 | 5 | 5000 | 5-1/4 | 2-7/16 | 1-1/4 | 41-1/4 | PY1080120 | | |
| 10 | 5 | 5000 | 5-1/4 | 2-7/16 | 1-1/2 | 41-1/4 | PY1080124 | | |
| 10 | 5 | 5000 | 5-1/2 | 2-7/16 | 1 | 39-1/4 | | PY1080916 | |
| 10 | 5 | 5000 | 5-1/2 | 2-7/16 | 1-1/4 | 39-1/4 | | PY1080920 | |
| 12 | 2-1/2 | 2700 | 3-1/4 | 1-15/16 | 1 | 22-3/4 | PY1240116 | | |
| 12 | 2-1/2 | 2700 | 3-1/4 | 1-15/16 | 1-1/4 | 22-3/4 | PY1240120 | | |
| 12 | 2-1/2 | 2700 | 2-3/4 | 1-15/16 | 1 | 22 | PY1240516 | | |
| 12 | 3 | 3420 | 3-1/4 | 1-15/16 | 1 | 28-1/4 | PY1250116 | | |
| 12 | 3 | 3420 | 3-1/4 | 1-15/16 | 1-1/4 | 28-1/4 | PY1250120 | | |
| 12 | 3 | 3420 | 3-1/2 | 1-15/16 | 3/4 | 28 | | PY1250912 | |
| 12 | 3 | 3420 | 3-1/2 | 1.98 | 1 | 28 | | PY1250916 | |
| 12 | 3 | 3420 | 3-1/2 | 2.33 | 1-1/4 | 28 | | PY1250920 | |
| 12 | 3 | 3420 | 3-1/4 | 2-7/16 | 1-1/4 | 27-1/2 | PH1250120 | | |
| 12 | 3 | 3420 | 3-1/4 | 2-7/16 | 1-1/2 | 27-1/2 | PH1250124 | | |
| 12 | 3-1/2 | 4110 | 4-1/4 | 2-7/16 | 1-1/4 | 31-1/2 | PY1260120 | | |
| 12 | 3-1/2 | 4110 | 4-1/4 | 2-7/16 | 1-1/2 | 31-1/2 | PY1260124 | | |
| 12 | 3-1/2 | 4110 | 4-1/2 | 2-7/16 | 1 | 30-1/2 | | PY1260916 | |
| 12 | 3-1/2 | 4110 | 4-1/2 | 2-7/16 | 1-1/4 | 30-1/2 | | PY1260920 | |
| 12 | 4 | 4800 | 4-1/4 | 2-7/16 | 1-1/4 | 36-3/4 | PY1270120 | | |
| 12 | 4 | 4800 | 4-1/4 | 2-7/16 | 1-1/2 | 36-3/4 | PY1270124 | | |
| 12 | 4 | 4800 | 4-1/2 | 2-7/16 | 1 | 35-1/2 | | PY1270916 | |
| 12 | 4 | 4800 | 4-1/2 | 2-7/16 | 1-1/4 | 35-1/2 | | PY1270920 | |
| 12 | 5 | 6000 | 5-1/4 | 2-7/16 | 1-1/4 | 48 | PY1280120 | | |
| 12 | 5 | 6000 | 5-1/4 | 2-7/16 | 1-1/2 | 48 | PY1280124 | | |
| 12 | 5 | 6000 | 5-1/2 | 2-7/16 | 1 | 47 | | PY1280916 | |
| 12 | 5 | 6000 | 5-1/2 | 2-7/16 | 1-1/4 | 47 | | PY1280920 | |
| 14 | 4 | 5000 | 4-1/4 | 2-7/16 | 1-1/4 | 48-1/2 | PY1470120 | | |
| 14 | 4 | 5000 | 4-1/4 | 2-7/16 | 1-1/2 | 48-1/2 | PY1470124 | | |
| 14 | 4 | 5000 | 4-1/2 | 2-7/16 | 1 | 47-1/2 | | PY1470916 | |
| 14 | 4 | 5000 | 4-1/2 | 2-7/16 | 1-1/4 | 47-1/2 | | PY1470920 | |
| 16 | 3 | 4260 | 4-1/4 | 2-7/16 | 1-1/4 | 51 | PY1650120 | | |
| 16 | 3 | 4260 | 4-1/4 | 2-7/16 | 1-1/2 | 51 | PY1650124 | | |
| 16 | 3 | 4260 | 4-1/2 | 2-7/16 | 1 | 49-3/4 | | PY1650916 | |
| 16 | 3 | 4260 | 4-1/2 | 2-7/16 | 1-1/4 | 49-3/4 | | PY1650920 | |
| 16 | 4 | 5970 | 5-1/4 | 2-7/16 | 1-1/4 | 65 | PY1670120 | | |
| 16 | 4 | 5970 | 5-1/4 | 2-7/16 | 1-1/2 | 65 | PY7670124 | | |
| 16 | 4 | 5970 | 5-1/4 | 3-1/16 | 1-3/4 | 65 | PY1670128 | | |
| 16 | 4 | 5970 | 5-1/2 | 2-7/16 | 1-1/4 | 63 | | PY1670920 | |
| 16 | 5 | 7700 | 5-1/4 | 2-7/16 | 1-1/4 | 85 | PY1680120 | | |
| 16 | 5 | 7700 | 5-1/4 | 2-7/16 | 1-1/2 | 85 | PY1680124 | | |
| 16 | 5 | 7700 | 5-1/4 | 3-1/16 | 1-3/4 | 85 | PY1680128 | | |
| 16 | 5 | 7700 | 5-1/4 | 3-1/4 | 2 | 85 | PY1680132 | | |
| 16 | 5 | 7700 | 5-1/2 | 2-7/16 | 1-1/4 | 85 | | PY1680920 | |
| 18 | 3 | 4600 | 4-1/4 | 2-7/16 | 1-1/4 | 59 | PY1850120 | | |
| 18 | 3 | 4600 | 4-1/4 | | 1-1/2 | 59 | PY1850124 | | |
| 18 | 3 | 4600 | 4-1/2 | 2-7/16 | 1-1/4 | 57-3/4 | | PY1850920 | |
| 18 | 4 | 6500 | 5-1/4 | 2-7/16 | 1-1/4 | 83 | PY1870120 | | |
| 18 | 4 | 6500 | 5-1/4 | | 1-1/2 | 83 | PY1870124 | | |
| 18 | 4 | 6500 | 5-1/2 | 2-7/16 | 1-1/4 | 81-3/4 | | PY1870920 | |
| 18 | 5 | 8400 | 5-1/4 | 2-7/16 | 1-1/2 | 89 | PY1880124 | | |
| 18 | 5 | 8400 | 5-1/4 | 3-1/16 | 1-3/4 | 89 | PY1880128 | | |
| 18 | 5 | 8400 | 5-1/4 | 3-1/4 | 2 | 89 | PY1880132 | | |
| 18 | 5 | 8400 | 5-1/2 | 2-9/16 | 1-1/2 | 87-3/4 | | PY1880924 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.
^ 27/16" spanner and spacers included.

PX Thick Tread Polyurethane on Cast Iron Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat or crown tread
- **Finish:** Green tread on black core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV.**
- **80 Shore A** durometer option available (15% capacity reduction). Provides more debris resistance. Butterscotch tread on black core.
- **70 Shore D** durometer option available (20% capacity increase). Black tread on black core.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



Prevenz™ Antimicrobial Available on all Models



70 Shore D Models

80 Shore A Models

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller Bearing (09) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|--|
| 6 | 3 | 2040 | 3-1/4 | 1-15/16 | 1 | 13-3/4 | PX0650116 | |
| 6 | 3 | 2040 | 3-1/4 | 1-15/16 | 1-1/4 | 13-3/4 | PX0650120 | |
| 6 | 3 | 2040 | 3-1/2 | 1-15/16 | 3/4 | 13-1/4 | | PX0650912 |
| 6 | 3 | 2040 | 3-1/2 | 1.98 | 1 | 13-1/4 | | PX0650916 |
| 8 | 2-1/2 | 2010 | 3-1/4 | 1-15/16 | 1 | 13 | PX0840116 | |
| 8 | 2-1/2 | 2010 | 3-1/4 | 1-15/16 | 1-1/4 | 13 | PX0840120 | |
| 8 | 2-1/2 | 2010 | 3-1/2 | 1-15/16 | 3/4 | 12-3/4 | | PX0840912 |
| 8 | 3 | 2520 | 3-1/4 | 1-15/16 | 1 | 16 | PX0850116 | |
| 8 | 3 | 2520 | 3-1/4 | 1-15/16 | 1-1/4 | 16 | PX0850120 | |
| 8 | 3 | 2520 | 3-1/2 | 1-15/16 | 3/4 | 15-3/4 | | PX0850912 |
| 8 | 3 | 2520 | 3-1/2 | 1.98 | 1 | 15-3/4 | | PX0850916 |
| 8 | 4 | 3500 | 4-1/4 | 2-7/16 | 1-1/4 | 23-3/4 | PX0870120 | |
| 8 | 4 | 3500 | 4-1/4 | 2-7/16 | 1-1/2 | 23-3/4 | PX0870124 | |
| 8 | 4 | 3500 | 4-1/2 | 2-7/16 | 1 | 22-1/2 | | PX0870916 |
| 8 | 4 | 3500 | 4-1/2 | 2-7/16 | 1-1/4 | 22-1/2 | | PX0870920 |
| 10 | 2-1/2 | 2370 | 3-1/4 | 1-15/16 | 1 | 17-1/4 | PX1040116 | |
| 10 | 2-1/2 | 2370 | 3-1/4 | 1-15/16 | 1-1/4 | 17-1/4 | PX1040120 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | 20-1/2 | PX1050116 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1-1/4 | 20-1/2 | PX1050120 | |
| 10 | 3 | 3000 | 3-1/2 | 1-15/16 | 3/4 | 20 | | PX1050912 |
| 10 | 3 | 3000 | 3-1/2 | 1.98 | 1 | 20 | | PX1050916 |
| 10 | 3 | 3000 | 3-1/2 | 2.33 | 1-1/4 | 20 | | PX1050920 |
| 10 | 4 | 4200 | 4-1/4 | 2-7/16 | 1-1/4 | 30-1/4 | PX1070120 | |
| 10 | 4 | 4200 | 4-1/4 | 2-7/16 | 1-1/2 | 30-1/4 | PX1070124 | |
| 10 | 4 | 4200 | 4-1/2 | 2-7/16 | 1 | 29 | | PX1070916 |
| 10 | 4 | 4200 | 4-1/2 | 2-7/16 | 1-1/4 | 29 | | PX1070920 |
| 10 | 5 | 5000 | 5-1/4 | 2-7/16 | 1-1/4 | 41-1/4 | PX1080120 | |
| 10 | 5 | 5000 | 5-1/4 | 2-7/16 | 1-1/2 | 41-1/4 | PX1080124 | |
| 10 | 5 | 5000 | 5-1/2 | 2-7/16 | 1 | 39-1/4 | | PX1080916 |
| 10 | 5 | 5000 | 5-1/2 | 2-7/16 | 1-1/4 | 39-1/4 | | PX1080920 |
| 12 | 3 | 3420 | 3-1/4 | 1-15/16 | 1 | 28-1/4 | PX1250116 | |
| 12 | 3 | 3420 | 3-1/4 | 1-15/16 | 1-1/4 | 28-1/4 | PX1250120 | |
| 12 | 3 | 3420 | 3-1/2 | 1-15/16 | 3/4 | 28 | | PX1250912 |
| 12 | 3 | 3420 | 3-1/2 | 1.98 | 1 | 28 | | PX1250916 |
| 12 | 3 | 3420 | 3-1/2 | 2.33 | 1-1/4 | 28 | | PX1250920 |
| 12 | 4 | 4800 | 4-1/2 | 2-7/16 | 1-1/4 | 36-3/4 | PX1270120 | |
| 12 | 4 | 4800 | 4-1/4 | 2-7/16 | 1-1/2 | 36-3/4 | PX1270124 | |
| 12 | 4 | 4800 | 4-1/2 | 2-7/16 | 1 | 35-1/2 | | PX1270916 |
| 12 | 4 | 4800 | 4-1/2 | 2-7/16 | 1-1/4 | 35-1/2 | | PX1270920 |
| 12 | 5 | 6000 | 5-1/4 | 2-7/16 | 1-1/4 | 48 | PX1280120 | |
| 12 | 5 | 6000 | 5-1/4 | 2-7/16 | 1-1/2 | 48 | PX1280124 | |
| 12 | 5 | 6000 | 5-1/2 | 2-7/16 | 1 | 47 | | PX1280916 |
| 12 | 5 | 6000 | 5-1/2 | 2-7/16 | 1-1/4 | 47 | | PX1280920 |
| 12 | 6 | 7500 | 6-1/2 | 2.33 | 1-1/4 | 25-3/4 | | PX1290920 |
| 16 | 3 | 4260 | 4-1/4 | 2-7/16 | 1-1/4 | 51 | PX1650120 | |
| 16 | 3 | 4260 | 4-1/4 | 2-7/16 | 1-1/2 | 51 | PX1650124 | |
| 16 | 3 | 4260 | 4-1/2 | 2-7/16 | 1 | 49-3/4 | | PX1650916 |
| 16 | 3 | 4260 | 4-1/2 | 2-7/16 | 1-1/4 | 49-3/4 | | PX1650920 |
| 16 | 4 | 5970 | 4-1/4 | 2-7/16 | 1-1/4 | 65 | PX1670120 | |
| 16 | 4 | 5970 | 4-1/4 | 2-7/16 | 1-1/2 | 65 | PX1670124 | |
| 16 | 4 | 5970 | 4-1/2 | 2-7/16 | 1-1/4 | 63 | | PX1670920 |
| 16 | 5 | 7700 | 5-1/4 | 2-7/16 | 1-1/4 | 85 | PX1680120 | |
| 16 | 5 | 7700 | 5-1/4 | 2-7/16 | 1-1/2 | 85 | PX1680124 | |
| 16 | 5 | 7700 | 5-1/2 | 2-7/16 | 1-1/4 | 85 | | PX1680920 |

PA/PD

Polyurethane on Aluminum Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to aluminum core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels. PA wheels feature cast aluminum core. PD wheels feature die cast aluminum cores.

FEATURES

- **Hardness:** PA 95 Shore A, PD 60 Shore D
- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40 degrees to +180 degrees Fahrenheit

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

○ New 3" and 10" diameter sizes

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rate for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Precision Bearing (28) |
|----|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|--|---|
| 4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 1/2 | 1 | | PD0410108 | |
| 4 | 1-1/2 | 600 | 1-5/8 | 1-3/16 | 5/8 | 1 | | PD0410110 | |
| 4 | 1-1/2^ | 600 | 1-5/8 | 1-3/16 | 3/4 | 1 | | PD0410112~ | |
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 1/2 | 1-1/2 | | PD0420108 | |
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 5/8 | 1-1/2 | | PD0420110 | |
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | | PD0420112~ | |
| 4 | 3-1/4 | 1200 | 3-1/4 | 1-15/16 | 1 | 3-1/4 | | PA0450116 | |
| 4 | 3-1/4 | 1200 | 3-1/4 | 1-15/16 | 1-1/4 | 3-1/4 | | PA0450120 | |
| 4 | 4-1/4 | 1600 | 4-1/4 | 1-15/16 | 1 | 4-1/4 | | PA0470116 | |
| 4 | 4-1/4 | 1600 | 4-1/4 | 1-15/16 | 1-1/4 | 4-1/4 | | PA0470120 | |
| 5 | 1-1/2 | 720 | 1-5/8 | 1-3/16 | 1/2 | 1-1/2 | | PD0510108 | |
| 5 | 1-1/2 | 720 | 1-5/8 | 1-3/16 | 5/8 | 1-1/2 | | PD0510110 | |
| 5 | 1-1/2^ | 720 | 1-5/8 | 1-3/16 | 3/4 | 1-1/2 | | PD0510112~ | |
| 5 | 2 | 1050 | 2-3/16 | 1-3/16 | 1/2 | 1-3/4 | | PD0520108 | |
| 5 | 2 | 1050 | 2-3/16 | 1-3/16 | 5/8 | 1-3/4 | | PD0520110 | |
| 5 | 2 | 1050 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | | PD0520112* | |
| 6 | 2 | 1230 | 2-3/16 | 1-3/16 | 1/2 | 2-1/4 | | PD0620108 | |
| 6 | 2 | 1230 | 2-3/16 | 1-3/16 | 5/8 | 2-1/4 | | PD0620110 | |
| 6 | 2 | 1230 | 2-3/16 | 1-3/16 | 3/4 | 2-1/4 | | PD0620112~ | |
| 8 | 2 | 1500 | 2-3/16 | 1-3/16 | 1/2 | 3-1/4 | | PD0820108 | |
| 8 | 2 | 1500 | 2-3/16 | 1-3/16 | 5/8 | 3-1/4 | | PD0820110 | |
| 8 | 2 | 1500 | 2-3/16 | 1-3/16 | 3/4 | 3-1/4 | | PD0820112~ | |
| 8 | 2-1/2 | 2010 | 3-1/4 | 1-15/16 | 1 | 4 | | PD0840116 | |
| 8 | 2-1/2 | 2010 | 3-1/2 | 2 | 3/4 | 4 | | | PD0842812 |
| 8 | 3 | 2520 | 3-1/4 | 1-15/16 | 1 | 4-1/4 | | PD0850116 | |
| 8 | 3 | 2520 | 3-1/4 | 1-15/16 | 1-1/4 | 4-1/4 | | PD0850120 | |
| 8 | 3 | 2520 | 3-1/2 | 2 | 3/4 | 4-1/4 | | | PD0852812 |
| 10 | 2-1/2 | 2370 | 3-1/4 | 1-15/16 | 1 | 4-3/4 | | PD1040116 | |
| 10 | 2-1/2 | 2370 | 3-1/2 | 2 | 3/4 | 4-3/4 | | | PD1042812 |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | 5 | | PD1050116 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | 5 | | PD1050116 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1-1/4 | 5 | | PD1050120 | |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 3/4 | 5 | | PD1052812 | |
| 12 | 6 | 7500 | 6-1/2 | 2.33 | 1-1/4 | 25-3/4 | | PA1290920 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 2⁷/₁₆" spanner and spacers included.

* Complete with top hat and spacers.

Albion knows there are more shapes than round!
We make a wide variety of polyurethane shapes and sizes for many applications.



PM Round Tread Polyurethane on Aluminum Core



90 Shore A Models



80 Shore A Models

Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Wheels feature a chemical and mechanical lock of tread to the core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 90 Shore A (green) or 80 Shore A (butterscotch)
- Wheels are complete with top hat and spacers
- **Wheel face:** Round tread
- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40 degrees to +180 degrees Fahrenheit

WHEEL OPTIONS

- Available in **80 Shore A** and **70 Shore D** consult factory.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|----------------------------------|
| 5 | 2 | 1000 | 2-7/16 | 1-9/16 | 1/2 | 2 | PM0522808 |
| 6 | 2 | 1250 | 2-7/16 | 1-9/16 | 1/2 | 3 | PM0622808 |
| 8 | 2 | 1500 | 2-7/16 | 1-9/16 | 1/2 | 4 | PM0822808 |
| 5 | 2 | 1000 | 2-7/16 | 1-9/16 | 1/2 | 2 | PM052280880A |
| 6 | 2 | 1250 | 2-7/16 | 1-9/16 | 1/2 | 3 | PM062280880A |
| 8 | 2 | 1500 | 2-7/16 | 1-9/16 | 1/2 | 4 | PM082280880A |



- Handle obstructions and swivel easier compared to flat tread wheels
- Precision ball bearing for ultimate rolling ease
- Wheel includes two spacers

Tread is mechanically and chemically bonded through a patented process to a light weight durable aluminum core

XV Polyurethane V-Groove Wheels



Wheel face and "V"-groove are machined from heavy duty polyurethane. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but flat surfaces as well.

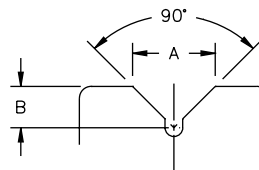
FEATURES

- **Hardness:** 60 Shore D
- **Wheel Face:** V-groove
- **Finish:** Green

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Groove Width "A" (Inches) | Groove Depth "B" (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (02) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|---------------------------|---------------------------|-------------------|----------------------------------|
| 4 | 2 | 300 | 2-3/16 | 1-3/16 | 3/4 | 7/8 | 7/16 | 1 | XV0420212 |
| 5 | 2 | 300 | 2-3/16 | 1-3/16 | 3/4 | 7/8 | 7/16 | 1-1/2 | XV0520212 |
| 6 | 2 | 300 | 2-3/16 | 1-3/16 | 3/4 | 7/8 | 7/16 | 1-3/4 | XV0620212 |
| 8 | 2 | 300 | 2-3/16 | 1-3/16 | 3/4 | 7/8 | 7/16 | 2-3/4 | XV0820212 |



Please note: Track alignment is critical when utilizing v-groove wheels.

XI X-treme® Solid Elastomer Wheel



Designed specifically for high-capacity manual applications involving chemicals, solvents or water. X-tremely low rolling resistance provides the ergonomic qualities you demand. One-piece construction affords freedom from tread separation with an exceptionally long life. Non-marking, floor protective tread. Enhance the appearance of your equipment by selecting virtually any wheel color! Personalize with your company name!

FEATURES

- **Hardness:** 75 Shore D
- **Wheel Face:** Moderate crown
- **Finish:** XI Green
- **Temperature Range:** up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Delrin Bearing (51)* | Wheel Number Precision Ball (28) | Wheel Number Roller Bearing (01) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-----------------------------------|----------------------------------|----------------------------------|
| 4 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1 | XI0425112 | XI0422808 | XI0420112~ |
| | 2 | 1000 | 2-7/16 | - | 1/2 | 1 | | | |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | XI0525112 | XI0522808 | XI0520112~ |
| | 2 | 1000 | 2-7/16 | - | 1/2 | 1-1/2 | | | |
| 6 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | XI0625112 | XI0622808 | XI0620112~ |
| | 2 | 1000 | 2-7/16 | - | 1/2 | 1-3/4 | | | |
| 8 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 4 | XI0825112 | XI0822808 | XI0820112~ |
| | 2 | 1000 | 2-7/16 | - | 1/2 | 4 | | | |

~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
• Hub length is 2-3/8" for Delrin models.

XP X-treme® Plus Solid Elastomer Wheel



Heavy duty version of XI wheel.

FEATURES

- **Hardness:** 60 Shore D
- Premium Polyurethane
- Excellent for towing applications
- **Wheel Face:** Moderate crown
- **Finish:** XP Grey
- **Temperature Range:** up to +250 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel available for XP wheels, specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Delrin Bearing (51)* | Wheel Number Precision Ball (28) | Wheel Number Roller Bearing (01) |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|-----------------------------------|-------------------------------------|----------------------------------|
| 4 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 1 | XP0425112 | XP0422808 | XP0420112~ |
| | 2 | 1400 | 2-7/16 | 1-9/16 | 1/2 | 1 | | | |
| 5 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | XP0525112 | XP0522808 | XP0520112~ |
| | 2 | 1200 | 2-7/16 | 1-9/16 | 1/2 | 1-1/2 | | | |
| 6 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | XP0625112 | XP0622808 XP0652812 | XP0620112~ |
| | 2 | 1400 | 2-7/16 | 1-9/16 | 1/2 | 1-3/4 | | | |
| | 3 | 1700 | 3-1/2 | 2-7/16 | 3/4 | 5 | | | |
| 8 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | 4 | XP0825112 | XP0822808 XP0842812 XP0852812 | XP0820112~ |
| | 2 | 1200 | 2-7/16 | 1-9/16 | 1/2 | 4 | | | |
| | 2-1/2 | 2000 | 3-1/2 | 2-7/16 | 3/4 | 5 | | | |
| | 3 | 2000 | 3-1/2 | 2-7/16 | 3/4 | 6 | | | |
| 10 | 2-1/2 | 2500 | 3-1/2 | 2-7/16 | 3/4 | 7 | XP1042812 XP1052812 | | |
| | 3 | 2500 | 3-1/2 | 2-7/16 | 3/4 | 8 | | | |

~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
• Hub length is 2-3/8" for Delrin models.

- Excellent for towing applications
- Special solid elastomer compounds built to handle heavy loads, shocks, impacts and chemicals
- One-piece compression molding design prevents tread separation
- Custom colors

OG

Polyurethane Press-On Tires



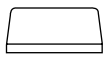
Polyurethane tires reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater cushioning or speed is involved. These wheels are also the perfect replacement wheel for many forklift brands.

FEATURES

- **Load Capacity:** 1.54 times greater than rubber
- Chunk and cut resistance
- Abrasion resistance
- Energy conservative design
- **Wheel Face:** as specified
- **Finish:** Green polyurethane or steel band
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A.

WHEEL OPTIONS

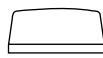
- Prevenz™ Antimicrobial tire specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



Flat tread



Speed groove



Crowned tread

• Heavy Duty

• High Wear Resistance



We can Re-Poly your old polyurethane on metal cores. Consult factory for details.

| OD x Width x ID (Inches) | Tire Number | Tread Style | Capacity (6 mph) (lbs) | Capacity (10 mph) (lbs) | Approximate Weight (lbs) |
|-----------------------------|-------------|-------------|---------------------------|----------------------------|-----------------------------|
| 8-1/2 x 4 x 4 | OG0870016 | Flat | 2200 | 1940 | 12 |
| 8-1/2 x 4 x 4 | OG087001601 | Crown | 2200 | 1940 | 12 |
| 9 x 5 x 5 | OG0980020 | Flat | 3020 | 2680 | 16 |
| 9 x 5 x 5 | OG098002001 | Crown | 3020 | 2680 | 16 |
| 9 x 5 x 5 | OG098002002 | Groove | 3020 | 2680 | 16 |
| 10 x 3 x 6-1/4 | OG1050025 | Flat | 1690 | 1490 | 10 |
| 10 x 3 x 6-1/4 | OG105002501 | Crown | 1690 | 1490 | 10 |
| 10 x 4 x 5 | OG1070020 | Flat | 2480 | 2190 | 18 |
| 10 x 4 x 5 | OG107002001 | Crown | 2480 | 2190 | 18 |
| 10 x 4 x 6-1/4 | OG1070025 | Flat | 2460 | 2190 | 14 |
| 10 x 4 x 6-1/4 | OG107002501 | Crown | 2460 | 2190 | 14 |
| 10 x 4 x 6-1/2 | OG1070026 | Flat | 2490 | 2190 | 14 |
| 10 x 4 x 6-1/2 | OG107002601 | Crown | 2490 | 2190 | 14 |
| 10 x 5 x 5 | OG1080020 | Flat | 3210 | 2870 | 15 |
| 10 x 5 x 5 | OG108002001 | Crown | 3210 | 2870 | 15 |
| 10 x 5 x 5 | OG108002002 | Groove | 3210 | 2870 | 15 |
| 10 x 5 x 6-1/4 | OG1080025 | Flat | 3270 | 2890 | 16 |
| 10 x 5 x 6-1/4 | OG108002501 | Crown | 3270 | 2890 | 16 |
| 10 x 5 x 6-1/4 | OG108002502 | Groove | 3270 | 2890 | 16 |
| 10 x 5 x 6-1/2 | OG1080026 | Flat | 3190 | 2830 | 19 |
| 10 x 5 x 6-1/2 | OG108002601 | Crown | 3190 | 2830 | 19 |
| 10 x 5 x 6-1/2 | OG108002602 | Groove | 3190 | 2830 | 19 |
| 10 x 6 x 6-1/4 | OG1090025 | Flat | 3960 | 3540 | 22 |
| 10 x 6 x 6-1/4 | OG109002501 | Crown | 3960 | 3540 | 22 |
| 10 x 6 x 6-1/4 | OG109002502 | Groove | 3960 | 3540 | 22 |
| 10 x 6 x 6-1/2 | OG1090026 | Flat | 3940 | 3520 | 22 |
| 10 x 6 x 6-1/2 | OG109002601 | Crown | 3940 | 3520 | 22 |
| 10 x 6 x 6-1/2 | OG109002602 | Groove | 3940 | 3520 | 22 |
| 10 x 7 x 6-1/4 | OG109002503 | Flat | 4770 | 4240 | 26 |
| 10 x 7 x 6-1/4 | OG109002504 | Groove | 4770 | 4240 | 26 |
| 10 x 7 x 6-1/2 | OG109002603 | Flat | 4750 | 4290 | 26 |
| 10 x 7 x 6-1/2 | OG109002604 | Groove | 4750 | 4290 | 26 |
| 10 x 3 x 8 | OG1050032 | Flat | 2000 | 1850 | 15 |
| 10-1/2 x 3 x 8 | OG105003201 | Groove | 2000 | 1850 | 15 |
| 10-1/2 x 4 x 5 | OG107002002 | Flat | 2170 | 1940 | 19 |
| 10-1/2 x 4 x 5 | OG107002003 | Crown | 2170 | 1940 | 19 |
| 10-1/2 x 4 x 6-1/2 | OG107002602 | Flat | 2130 | 2260 | 15 |
| 10-1/2 x 4 x 6-1/2 | OG107002603 | Crown | 2130 | 2260 | 15 |
| 10-1/2 x 4-1/2 x 8 | OG107003202 | Flat | 2820 | 2500 | 18 |
| 10-1/2 x 4-1/2 x 8 | OG107003203 | Crown | 2820 | 2500 | 18 |
| 10-1/2 x 5 x 5 | OG108002003 | Flat | 3470 | 3060 | 19 |
| 10-1/2 x 5 x 5 | OG108002004 | Crown | 3470 | 3060 | 19 |
| 10-1/2 x 5 x 5 | OG108002005 | Groove | 3470 | 3060 | 19 |
| 10-1/2 x 5 x 6-1/4 | OG108002503 | Flat | 3330 | 2970 | 20 |
| 10-1/2 x 5 x 6-1/4 | OG108002504 | Crown | 3330 | 2970 | 20 |
| 10-1/2 x 5 x 6-1/4 | OG108002505 | Groove | 3330 | 2970 | 20 |
| 10-1/2 x 5 x 6-1/2 | OG108002603 | Flat | 3380 | 2990 | 20 |
| 10-1/2 x 5 x 6-1/2 | OG108002604 | Crown | 3380 | 2990 | 20 |
| 10-1/2 x 5 x 6-1/2 | OG108002605 | Groove | 3380 | 2990 | 20 |

PREMIUM POLYURETHANE MODELS

Continues on next page

PREMIUM POLYURETHANE MODELS

| OD x Width x ID (Inches) | Tire Number | Tread Style | Capacity (6 mph) (lbs) | Capacity (10 mph) (lbs) | Approximate Weight (lbs) |
|-----------------------------|--------------------|-------------|---------------------------|----------------------------|-----------------------------|
| 10-1/2 x 6 x 5 | OG1090020 | Flat | 4400 | 3900 | 24 |
| 10-1/2 x 6 x 5 | OG109002001 | Crown | 4400 | 3900 | 24 |
| 10-1/2 x 6 x 5 | OG109002002 | Groove | 4400 | 3900 | 24 |
| 10-1/2 x 6 x 6-1/4 | OG109002505 | Flat | 4330 | 3870 | 23 |
| 10-1/2 x 6 x 6-1/4 | OG109002506 | Crown | 4330 | 3870 | 23 |
| 10-1/2 x 6 x 6-1/4 | OG109002507 | Groove | 4330 | 3870 | 23 |
| 10-1/2 x 6 x 6-1/2 | OG109002605 | Flat | 4310 | 3850 | 23 |
| 10-1/2 x 6 x 6-1/2 | OG109002606 | Crown | 4310 | 3850 | 23 |
| 10-1/2 x 6 x 6-1/2 | OG109002607 | Groove | 4310 | 3850 | 23 |
| 10-1/2 x 7 x 6-1/2 | OG109002608 | Flat | 5040 | 4450 | 27 |
| 10-1/2 x 7 x 6-1/2 | OG109002609 | Groove | 5040 | 4450 | 27 |
| 10-1/2 x 8 x 6-1/2 | OG109002610 | Flat | 5690 | 5080 | 31 |
| 10-1/2 x 8 x 6-1/2 | OG109002611 | Groove | 5690 | 5080 | 31 |
| 12 x 3-1/2 x 8 | OG1260032 | Flat | 2390 | 2110 | 11 |
| 12 x 3-1/2 x 8 | OG126003201 | Crown | 2390 | 2110 | 11 |
| 12 x 4 x 8 | OG1270032 | Flat | 2840 | 2510 | 13 |
| 12 x 4 x 8 | OG127003201 | Crown | 2840 | 2510 | 13 |
| 12 x 4-1/2 x 8 | OG127003202 | Flat | 3300 | 2910 | 15 |
| 12 x 4-1/2 x 8 | OG127003203 | Crown | 3300 | 2910 | 15 |
| 12 x 5 x 8 | OG1280032 | Flat | 3770 | 3300 | 17 |
| 12 x 5 x 8 | OG128003201 | Crown | 3770 | 3300 | 17 |
| 12 x 5 x 8 | OG128003202 | Groove | 3770 | 3300 | 17 |
| 12 x 5-1/2 x 8 | OG12900320 | Flat | 4080 | 3710 | 19 |
| 12 x 5-1/2 x 8 | OG129003201 | Crown | 4080 | 3710 | 19 |
| 12 x 5-1/2 x 8 | OG129003202 | Groove | 4080 | 3710 | 19 |
| 12 x 6 x 8 | OG129003203 | Flat | 4520 | 4110 | 21 |
| 12 x 6 x 8 | OG129003204 | Crown | 4520 | 4110 | 21 |
| 12 x 6 x 8 | OG129003205 | Groove | 4520 | 4110 | 21 |
| 12 x 6-1/2 x 8 | OG129003206 | Flat | 4960 | 4510 | 23 |
| 12 x 6-1/2 x 8 | OG129003207 | Groove | 4960 | 4510 | 23 |
| 12 x 7 x 8 | OG129003208 | Flat | 5300 | 4900 | 25 |
| 12 x 7 x 8 | OG129003209 | Groove | 5300 | 4900 | 25 |
| 13 x 3-1/2 x 8 | OG1360032 | Flat | 2480 | 2200 | 20 |
| 13 x 3-1/2 x 8 | OG136003201 | Crown | 2480 | 2200 | 20 |
| 13 x 4-1/2 x 8 | OG1370032 | Flat | 3540 | 3130 | 27 |
| 13 x 4-1/2 x 8 | OG137003201 | Crown | 3540 | 3130 | 27 |
| 13 x 5-1/2 x 8 | OG1390032 | Flat | 3600 | 3240 | 33 |
| 13 x 5-1/2 x 8 | OG139003201 | Crown | 3600 | 3240 | 33 |
| 13 x 5-1/2 x 8 | OG139003202 | Groove | 3600 | 3240 | 33 |
| 13-1/2 x 4-1/2 x 8 | OG137003202 | Flat | 3620 | 3200 | 28 |
| 13-1/2 x 4-1/2 x 8 | OG137003203 | Crown | 3620 | 3200 | 28 |
| 13-1/2 x 5-1/2 x 8 | OG138003203 | Flat | 4740 | 4200 | 34 |
| 13-1/2 x 5-1/2 x 8 | OG138003204 | Crown | 4740 | 4200 | 34 |
| 13-1/2 x 5-1/2 x 8 | OG138003205 | Groove | 4740 | 4200 | 34 |
| 14 x 4-1/2 x 8 | OG1470032 | Flat | 3680 | 3260 | 31 |
| 14 x 4-1/2 x 8 | OG147003201 | Crown | 3680 | 3260 | 31 |
| 15 x 5 x 11-1/4 | OG1580045 | Flat | 4390 | 3880 | 33 |
| 15 x 5 x 11-1/4 | OG158004501 | Crown | 4390 | 3880 | 33 |
| 15 x 5 x 11-1/4 | OG158004502 | Groove | 4390 | 3880 | 33 |

| OD x Width x ID (Inches) | Tire Number | Tread Style | Capacity (6 mph) (lbs) | Capacity (10 mph) (lbs) | Approximate Weight (lbs) |
|-----------------------------|--------------------|-------------|---------------------------|----------------------------|-----------------------------|
| 15 x 6 x 11-1/4 | OG1590045 | Flat | 5440 | 4800 | 40 |
| 15 x 6 x 11-1/4 | OG159004501 | Crown | 5440 | 4800 | 40 |
| 15 x 6 x 11-1/4 | OG159004502 | Groove | 5440 | 4800 | 40 |
| 15 x 7 x 11-1/4 | OG159004503 | Flat | 6480 | 5730 | 47 |
| 15 x 7 x 11-1/4 | OG159004504 | Groove | 6480 | 5730 | 47 |
| 15 x 8 x 11-1/4 | OG159004505 | Flat | 7530 | 6650 | 53 |
| 15 x 8 x 11-1/4 | OG159004506 | Groove | 7530 | 6650 | 53 |
| 15 x 9 x 11-1/4 | OG159004507 | Flat | 8700 | 7700 | 60 |
| 15 x 9 x 11-1/4 | OG159004508 | Groove | 8700 | 7700 | 60 |
| 15-1/2 x 5 x 10 | OG1580040 | Flat | 4640 | 4110 | 39 |
| 15-1/2 x 5 x 10 | OG158004001 | Crown | 4640 | 4110 | 39 |
| 15-1/2 x 5 x 10 | OG158004002 | Groove | 4640 | 4110 | 39 |
| 15-1/2 x 6 x 10 | OG1590040 | Flat | 5880 | 5210 | 46 |
| 15-1/2 x 6 x 10 | OG159004001 | Crown | 5880 | 5210 | 46 |
| 15-1/2 x 6 x 10 | OG159004002 | Groove | 5880 | 5210 | 46 |
| 16 x 5 x 10-1/2 | OG1680042 | Flat | 4760 | 4200 | 40 |
| 16 x 5 x 10-1/2 | OG168004201 | Crown | 4760 | 4200 | 40 |
| 16 x 5 x 10-1/2 | OG168004202 | Groove | 4760 | 4200 | 40 |
| 16 x 6 x 10-1/2 | OG1690042 | Flat | 6040 | 5330 | 48 |
| 16 x 6 x 10-1/2 | OG169004201 | Crown | 6040 | 5330 | 48 |
| 16 x 6 x 10-1/2 | OG169004204 | Groove | 6040 | 5330 | 48 |
| 16 x 7 x 10-1/2 | OG169004203 | Flat | 7320 | 6470 | 57 |
| 16 x 7 x 10-1/2 | OG169004204 | Groove | 7320 | 6470 | 57 |
| 16-1/4 x 4 x 11-1/4 | OG1670045 | Flat | 3560 | 3140 | 32 |
| 16-1/4 x 4 x 11-1/4 | OG167004501 | Crown | 3560 | 3140 | 32 |
| 16-1/4 x 5 x 11-1/4 | OG1680045 | Flat | 4800 | 4250 | 40 |
| 16-1/4 x 5 x 11-1/4 | OG168004501 | Crown | 4800 | 4250 | 40 |
| 16-1/4 x 5 x 11-1/4 | OG168004502 | Groove | 4800 | 4250 | 40 |
| 16-1/4 x 6 x 11-1/4 | OG1690045 | Flat | 6050 | 5360 | 48 |
| 16-1/4 x 6 x 11-1/4 | OG169004501 | Crown | 6050 | 5360 | 48 |
| 16-1/4 x 6 x 11-1/4 | OG169004502 | Groove | 6050 | 5360 | 48 |
| 16-1/4 x 7 x 11-1/4 | OG169004503 | Flat | 7300 | 6450 | 56 |
| 16-1/4 x 7 x 11-1/4 | OG169004504 | Groove | 7300 | 6450 | 56 |
| 18 x 5 x 12-1/8 | OG1880049 | Flat | 5170 | 4590 | 43 |
| 18 x 5 x 12-1/8 | OG188004901 | Crown | 5170 | 4590 | 43 |
| 18 x 6 x 12-1/8 | OG1890049 | Flat | 6610 | 5850 | 52 |
| 18 x 6 x 12-1/8 | OG189004901 | Crown | 6610 | 5850 | 52 |
| 18 x 7 x 12-1/8 | OG189004902 | Flat | 8040 | 7110 | 63 |
| 18 x 7 x 12-1/8 | OG189004903 | Groove | 8040 | 7110 | 63 |
| 18 x 8 x 12-1/8 | OG189004904 | Flat | 9470 | 8380 | 71 |
| 18 x 8 x 12-1/8 | OG189004905 | Groove | 9470 | 8380 | 71 |
| 18 x 9 x 12-1/8 | OG189004906 | Flat | 10900 | 9660 | 82 |
| 18 x 9 x 12-1/8 | OG189004907 | Groove | 10900 | 9660 | 82 |
| 18 x 4 x 14 | OG1870056 | Flat | 3850 | 3400 | 32 |
| 18 x 4 x 14 | OG187005601 | Crown | 3850 | 3400 | 32 |
| 18 x 5 x 14 | OG1880056 | Flat | 5070 | 4480 | 40 |
| 18 x 5 x 14 | OG188005601 | Crown | 5070 | 4480 | 40 |
| 18 x 7 x 14 | OG1890056 | Flat | 7530 | 6650 | 58 |
| 18 x 7 x 14 | OG189005601 | Groove | 7530 | 6650 | 58 |

OG

Press-On Mini Polyurethane Wheels



Polyurethane tires will reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater cushioning or speed is involved.

FEATURES

- **Wheel Face:** Flat
- **Finish:** Green tread on grey hub
- **Temperature Range:** -40°F up to +180°F
- **Hardness:** 95 Shore A

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Tire ID, Core OD (Inches) | Capacity (Lbs) (Load for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Over Spacers (09) |
|-------------------------|----------------------|---------------------------|---|---------------------|------------------|---------------------|-------------------|--|--------------------------------------|
| 5 | 4 | 3 | 2240 | 4-1/4 | 1-15/16 | 1-1/4 | 10 | 0G057012001 | |
| 5 | 4 | 3 | 2240 | 4-1/2 | 2 | 1 | 10 | | 0G057091601 |
| 5 | 5 | 3 | 2800 | 5-1/4 | 1-15/16 | 1-1/4 | 13 | 0G058012001 | |
| 5 | 5 | 3 | 2800 | 5-1/2 | 2 | 1 | 13 | | 0G058091601 |
| 6 | 4 | 4 | 2990 | 4-1/4 | 1-15/16 | 1-1/4 | 18-1/2 | 0G067012001 | |
| 6 | 4 | 4 | 2990 | 4-1/2 | 2 | 1 | 18-1/2 | | 0G067091601 |
| 6 | 5 | 4 | 3700 | 4-1/4 | 1-15/16 | 1-1/4 | 20 | 0G068012001 | |
| 6 | 5 | 4 | 3700 | 5-1/2 | 2 | 1 | 20 | | 0G068091601 |
| 6 | 6 | 4 | 4400 | 6-1/2 | 2 | 1 | 23 | | 0G069091601 |
| 7 | 4 | 5 | 3040 | 4-1/2 | 2 | 1 | 22 | | 0G077091601 |
| 7 | 5 | 5 | 3800 | 5-1/2 | 2 | 1 | 27-1/2 | | 0G078091601 |
| 7 | 6 | 5 | 4550 | 6-1/2 | 2-7/16 | 1-1/4 | 33 | | 0G079092001 |
| 8 | 3 | 6 | 2640 | 3-1/2 | 1-15/16 | 3/4 | 18 | | 0G085091201 |
| 8 | 4 | 6 | 3670 | 4-1/2 | 2 | 1 | 20 | | 0G087091601 |
| 8 | 5 | 6 | 4590 | 5-1/2 | 2-7/16 | 1-1/4 | 25 | | 0G088091601 |
| 8 | 6 | 6 | 5500 | 6-1/2 | 2-7/16 | 1-1/4 | 36 | | 0G089092001 |
| 10 | 3 | 8 | 3000 | 3-1/2 | 1-15/16 | 3/4 | 26 | | 0G105091201 |
| 10 | 4 | 8 | 4000 | 4-1/2 | 2-7/16 | 1 | 31 | | 0G107091601 |
| 10 | 5 | 8 | 5000 | 5-1/2 | 2 | 1 | 41 | | 0G108091601 |
| 10 | 6 | 8 | 6000 | 6-1/2 | 2-7/16 | 1-1/4 | 64 | | 0G109092001 |
| 10-1/2 | 3 | 8 | 3300 | 3-1/2 | 1-15/16 | 3/4 | 27 | | 0G105091202 |
| 10-1/2 | 4 | 8 | 4400 | 4-1/2 | 2-7/16 | 1 | 32-1/2 | | 0G107091602 |
| 10-1/2 | 5 | 8 | 5500 | 5-1/2 | 2-11/32 | 1-1/4 | 43 | | 0G108092001 |
| 10-1/2 | 6 | 8 | 6600 | 6-1/2 | 2-7/16 | 1-1/4 | 66 | | 0G109092002 |

PREMIUM POLYURETHANE MODELS

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XA Polyurethane on Polypropylene Core Wheel



Excellent properties where washdown of material handling equipment is required. Tread is mechanically locked to an injection molded polymer core to prevent separation. Polyurethane wheels offer greater load capacity than rubber. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is grey on grey core.

FEATURES

- **Hardness:** 90 Shore A
- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40 to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



Prevenz™ Antimicrobial Available on all Models

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Precision Bearing (28) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|----------------------------------|-------------------------------------|
| 3 | 1-1/4 | 300 | 1-1/2 | - | 3/8 | 3/8 | XA0303106 | XA0302806* |
| 3-1/2 | 1-1/4 | 360 | 1-1/2 | - | 3/8 | 3/8 | XA03X3106 | XA03X2806* |
| 4 | 1-1/4 | 400 | 1-1/2 | - | 3/8 | 1/2 | XA0403106 | XA0402806* |
| 4 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 1/2 | XA0420112~ | |
| 5 | 1-1/4 | 440 | 1-1/2 | - | 3/8 | 3/4 | XA0503106 | XA0502806* |
| 5 | 2 | 750 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | XA0520112~ | |
| 6 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 2-1/2 | XA0620112~ | |
| 8 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | 2-3/4 | XA0820112~ | |
| 10 | 2-1/2 | 1500 | 3-1/4 | 1-15/16 | 1 | 3 | XA1040116 | |
| 10 | 2-1/2 | 1500 | 3-1/2 | - | 1 | 3 | | XA1042812 |

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.
*Complete with thread guard spacer.

NEW MODEL!

New Light Duty XA 1-1/4" tread width models.



*Precision Bearing models come standard with thread guards.

XB Polyurethane Shopping Cart Wheel



Designed specifically for the shopping cart industry. Tread is mechanically locked to an injection molded polymer core to prevent separation. Polyurethane wheels offer greater load capacity than rubber. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Annular Ball (31) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------|
| 5 | 1-1/4 | 350 | 1.5 | 1.26 | 5/16 | 3/4 | XB050310508 |
| 5 | 1-1/4 | 350 | 1.5 | 1.26 | 3/8 | 3/4 | XB050310610 |

FEATURES

- **Tread Hardness:** 60 Shore D
- **Wheel Face:** Moderate crown
- **Finish:** Blue Tread with Blue Thread Guard
- **Temperature Range:** -40 to +180 degrees Fahrenheit

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel specify **PREV**
- Custom colors
- Special duraometers
- For customization & special application options, please consult factory.



Anti static replacement wheel specify XB050310510

Wheel utilizes a synthetic resin impregnated with electrically conductive material in the wheel. With each revolution, the conductor makes contact with the floor reducing static build-up.



Self-Decelerating replacement wheel specify XB050310511

Our self-deceleration wheel covers are made of polymer, that encompass and compress our bearing protecting polyurethane shock absorber. This provides you with adjustable self-deceleration.

PI Polyurethane on Cast Iron Core



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Green tread on silver painted core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit

WHEEL OPTIONS

- Now available in 2-1/2" and 3" tread width models, consult factory.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.

Economical Model

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Bearing | Wheel Number |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------------|--------------|
| 4 | 2 | 700 | 2-7/16 | 1-3/16 | 1/2 | Industrial Ball | PI0422708 |
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 5/8 | Roller | PI0420110 |
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | Roller | PI0420112~ |
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 1-3/16 | Plain | PI0420019 |
| 5 | 2 | 1000 | 2-7/16 | 1-3/16 | 1/2 | Industrial Ball | PI0522708 |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | Roller | PI0520112~ |
| 5 | 2 | 1000 | 2-3/16 | 1-3/16 | 1-3/16 | Plain | PI0520019 |
| 6 | 2 | 1200 | 2-7/16 | 1-3/16 | 1/2 | Industrial Ball | PI0622708 |
| 6 | 2 | 1200 | 2-7/16 | 1-3/16 | 1/2 | Pedestal Precision Ball | PI0622908 |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 5/8 | Roller | PI0620110 |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | Roller | PI0620112~ |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 3/4 | Delrin | PI0625112 |
| 6 | 2 | 1200 | 2-3/16 | 1-3/16 | 1-3/16 | Plain | PI0620019 |
| 6 | 2-1/2 | 1600 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI0640031 |
| 6 | 3 | 2000 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI0650031 |
| 8 | 2 | 1400 | 2-7/16 | 1-3/16 | 1/2 | Industrial Ball | PI0822708 |
| 8 | 2 | 1400 | 2-7/16 | 1-3/16 | 1/2 | Pedestal Precision Ball | PI0822908 |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 3/4 | Roller | PI0820112~ |
| 8 | 2 | 1400 | 2-3/16 | 1-3/16 | 1-3/16 | Plain | PI0820019 |
| 8 | 2-1/2 | 2000 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI0840031 |
| 8 | 2-1/2 | 2000 | 3-1/4 | 1-15/16 | 1 | Roller | PI0840116 |
| 8 | 3 | 2500 | 3-1/4 | 1-15/16 | 1 | Roller | PI0850116 |
| 8 | 3 | 2500 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI0850031 |
| 10 | 2-1/2 | 2200 | 3-1/4 | 1-15/16 | 1 | Roller | PI1040116 |
| 10 | 2-1/2 | 2200 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI1040031 |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1 | Roller | PI1050116 |
| 10 | 3 | 3000 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI1050031 |
| 12 | 2-1/2 | 2500 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI1240031 |
| 12 | 3 | 3500 | 3-1/4 | 1-15/16 | 1 | Roller | PI1250116 |
| 12 | 3 | 3500 | 3-1/4 | 1-15/16 | 1-15/16 | Plain | PI1250031 |

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.



POLYURETHANE EXPERTS

Albion Industries knows polyurethane. With more than 50 years experience leading the caster and wheel industry, our customers are depending on us to keep business on the move. Although this catalog focuses on our wheel capability, ALBION polyurethane expertise is applied to a wide range of industrial products in a variety of shapes and sizes.

IX

Polyurethane on Polypropylene (Flat Tread)



- Economical
- Ready to Ship

Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Flat with rounded edges
- **Finish:** Green tread; grey polypropylene core

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Less Bearing (00) | Wheel Number Roller Bearing (01) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------|----------------------------------|
| 4 | 2 | 500 | 2-3/16 | 1-3/16 | 3/4 | 1/2 | IX0420019 | IX0420112 |
| 5 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | IX0520019 | IX0520112 |
| 6 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 2-1/2 | IX0620019 | IX0620112 |
| 8 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 2-3/4 | IX0820019 | IX0820112 |

IZ

NEW!

Polyurethane on Polypropylene (Round Tread)



Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Round tread
- **Finish:** Green tread; grey polypropylene core

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Less Bearing (00) | Wheel Number Roller Bearing (01) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------|----------------------------------|
| 4 | 2 | 400 | 2-3/16 | 1-3/16 | 3/4 | 1/2 | IZ0420019 | IX0420112 |
| 5 | 2 | 500 | 2-3/16 | 1-3/16 | 3/4 | 1-3/4 | IZ0520019 | IX0520112 |
| 6 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 2-1/2 | IZ0620019 | IX0620112 |
| 8 | 2 | 800 | 2-3/16 | 1-3/16 | 3/4 | 2-3/4 | IZ0820019 | IX0820112 |

IP

Polyurethane on Cast Iron



Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Flat with rounded edges
- **Finish:** Green tread; grey cast iron core

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Based on manual operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Less Bearing (00) | Wheel Number Roller Bearing (01) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------|----------------------------------|
| 4 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | 3 | IP0420019 | IP0420112 |
| 5 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 3-1/2 | IP0520019 | IP0520112 |
| 6 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 4 | IP0620019 | IP0620112 |
| 8 | 2 | 900 | 2-3/16 | 1-3/16 | 3/4 | 6 | IP0820019 | IP0820112 |

ALBION®

| Item | Page | Item | Page |
|--|------|---|------|
|  MH Heavy Duty Mold-On Rubber . . . 179 on Iron Core Wheels Capacities to 2500 lbs. | |  S0 Pneumatic Hand Truck Wheels . . 188 Capacities to 350 lbs. | |
|  MR Mold-On Rubber on Iron 180-181 Core Wheels Capacities to 3020 lbs. | |  SN Semi-Pneumatic Hand Truck . . . 188 Wheels, Capacities to 540 lbs. | |
|  IM Empire Economical Rubber 182 on Iron Wheels Capacities to 450 lbs. | |  NF Black or Grey Never-Flat 189 Solid Urethane Wheels Capacities to 350 lbs. | |
|  MD Mold-On Rubber on Die Cast . . 183 Aluminum Wheels Capacities to 600 lbs. | |  MV High Temperature Rubber on . . . 190 Die Cast Aluminum Wheels Capacities to 185 lbs. NEW MODEL! | |
|  RM High Modulus Grey Rubber on . . 184 Aluminum Wheels Capacities to 450 lbs. | |  MZ High Temperature Rubber on . . . 190 High Temperature Phenolic Wheels Capacities to 185 lbs. NEW MODEL! | |
|  RL High Modulus Black Rubber on . . 184 Aluminum Wheels NEW MODEL! Capacities to 450 lbs. | |  XS Ultimate X-tra Soft Rubber 191 Wheels Capacities to 675 lbs. | |
|  RR Rubber Solid Wheel 185 Capacities to 360 lbs. | |  XR Ultimate X-tra Soft Rubber 192 Wheels (Including hand truck wheels) Capacities to 850 lbs. | |
|  OA Press-On Rubber Wheels 186 Capacities to 10190 lbs. | |  IS Empire Economical Grey TPR on . . 193 Polypropylene (Flat tread) Capacities to 600 lbs. | |
|  SF Black Pneumatic Wheels 187 Capacities to 3630 lbs. | |  IR Empire Economical Grey TPR on . . 193 Polypropylene (Round tread) Capacities to 550 lbs. | |
|  SG Grey Pneumatic Wheels 187 Capacities to 350 lbs. NEW MODEL! | | | |
|  SF Black or Grey Pneumatic. 188 Wheels for Brass Casters Capacities to 210 lbs. | | | |
| | | Prevenz™ Availability Chart. 194 NEW | |

MH

Heavy Duty Mold-On Rubber on Iron Core Wheels



Heavy Duty cushion rubber treads are vulcanized to cast iron cores. The harder rubber tread still provides a cushion effect to the load and excellent floor protection. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black tread on iron core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit
- **Hardness:** 90-95 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

- New Product!
- High Capacities

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01, 05, 07) |
|----------------------------|-------------------------|---|------------------------|---------------------|------------------------|----------------------|--|
| 3-1/4 | 1-1/2 | 340 | 1-5/8 | 1-3/16 | 3/4 | | MH0310112~ |
| 4 | 1-1/2 | 400 | 1-5/8 | 1-3/16 | 3/4 | | MH0410112~ |
| 5 | 1-1/2 | 560 | 1-5/8 | 1-3/16 | 1/2 | | MH0510108 |
| 5 | 1-1/2 | 560 | 1-5/8 | 1-3/16 | 5/8 | | MH0510110 |
| 5 | 1-1/2 | 560 | 1-5/8 | 1-3/16 | 3/4 | | MH0510112~ |
| 5 | 2 | 700 | 2-3/16 | 1-3/16 | 1/2 | | MH0520108 |
| 5 | 2 | 700 | 2-3/16 | 1-3/16 | 5/8 | | MH0520110 |
| 5 | 2 | 700 | 2-3/16 | 1-3/16 | 3/4 | | MH0520112~ |
| 6 | 2 | 820 | 2-3/16 | 1-3/16 | 1/2 | | MH0620108 |
| 6 | 2 | 820 | 2-3/16 | 1-3/16 | 5/8 | | MH0620110 |
| 6 | 2 | 820 | 2-3/16 | 1-3/16 | 3/4 | | MH0620112~ |
| 7 | 1-5/8 | 760 | 2 | 1-3/16 | 5/8 | | MH0710110 |
| 7 | 1-5/8 | 760 | 2 | 1-3/16 | 3/4 | | MH0710112~ |
| 8 | 2 | 1000 | 2-3/16 | 1-3/16 | 5/8 | | MH0820110 |
| 8 | 2 | 1000 | 2-3/16 | 1-3/16 | 3/4 | | MH0820112~ |
| 8 | 2 | 1000 | 2-3/16 | 1-3/16 | 7/8 | | MH0820114 |
| 8 | 2 | 1000 | 2-3/16 | 1-15/16 | 1 | | MH0820116 |
| 8 | 2-1/2 | 1300 | 2-3/4 | 1-3/16 | 7/8 | | MH0840714 |
| 8 | 2-1/2 | 1300 | 2-3/4 | 1-15/16 | 1 | | MH0840516 |
| 10 | 2-1/2 | 1500 | 2-3/4 | 1-3/16 | 7/8 | | MH1040714 |
| 10 | 2-1/2 | 1500 | 2-3/4 | 1-15/16 | 1 | | MH1040516 |
| 10 | 2-1/2 | 1500 | 2-3/4 | 1-15/16 | 1-1/2 | | MH1040518 |
| 10 | 3 | 1800 | 3-1/4 | 1-15/16 | 1 | | MH1050116 |
| 12 | 2-1/2 | 1700 | 2-3/4 | 1-15/16 | 1-1/4 | | MH1240516 |
| 12 | 2-1/2 | 1700 | 2-3/4 | 1-15/16 | 1 | | MH1240520 |
| 16 | 3 | 2500 | 3 | 2-7/16 | 1-1/4 | | MH1650120 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

RUBBER WHEELS

Albion Bumpers

Serious protection for your equipment.

We're not saying our bumpers will take a bullet for you like a secret service agent. But, Albion is pleased to announce a new line of bumpers that look good while protecting your equipment, walls and other structures 24 hours a day ... 7 days a week.

See page 205



ALBION®

MR

Mold-On Rubber on Iron Core



Cushion rubber treads are vulcanized to cast iron cores. The soft rubber tread affords a cushion effect to the load. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black tread on black enamel core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit
- **Hardness:** 70-85 Shore A

WHEEL OPTIONS

- Neoprene on iron core, consult factory.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

New Sizes!

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on nominal operating) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01, 05, 07) | Wheel Number Tapered Roller (09) |
|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|--|---|
| 3-1/4 | 1-1/2 | 140 | 1-5/8 | 1-3/16 | 1/2 | 1 | MR0310108 | |
| 3-1/4 | 1-1/2 | 140 | 1-5/8 | 1-3/16 | 5/8 | 1 | MR0310110 | |
| 3-1/4 | 1-1/2^ | 140 | 1-5/8 | 1-3/16 | 3/4 | 1 | MR0310112~ | |
| 4 | 1-1/2 | 250 | 1-5/8 | 1-3/16 | 1/2 | 1-1/4 | MR0410108 | |
| 4 | 1-1/2 | 250 | 1-5/8 | 1-3/16 | 5/8 | 1-1/4 | MR0410110 | |
| 4 | 1-1/2^ | 250 | 1-5/8 | 1-3/16 | 3/4 | 1-1/4 | MR0410112~ | |
| 4 | 2 | 300 | 2-3/16 | 1-3/16 | 1/2 | 1-1/2 | MR0420108 | |
| 4 | 2 | 300 | 2-3/16 | 1-3/16 | 5/8 | 1-1/2 | MR0420110 | |
| 4 | 2 | 300 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | MR0420112~ | |
| 5 | 1-1/2 | 350 | 1-5/8 | 1-3/16 | 1/2 | 1-1/2 | MR0510108 | |
| 5 | 1-1/2 | 350 | 1-5/8 | 1-3/16 | 5/8 | 1-1/2 | MR0510110 | |
| 5 | 1-1/2^ | 350 | 1-5/8 | 1-3/16 | 3/4 | 1-1/2 | MR0510112~ | |
| 5 | 2 | 450 | 2-3/16 | 1-3/16 | 1/2 | 2 | MR0520108 | |
| 5 | 2 | 450 | 2-3/16 | 1-3/16 | 5/8 | 2 | MR0520110 | |
| 5 | 2 | 450 | 2-3/16 | 1-3/16 | 3/4 | 2 | MR0520112~ | |
| 6 | 2 | 500 | 2-3/16 | 1-3/16 | 1/2 | 2-1/4 | MR0620108 | |
| 6 | 2 | 500 | 2-3/16 | 1-3/16 | 5/8 | 2-1/4 | MR0620110 | |
| 6 | 2 | 500 | 2-3/16 | 1-3/16 | 3/4 | 2-1/4 | MR0620112~ | |
| 6 | 2-1/2 | 700 | 3-1/4 | 1-15/16 | 1 | 10 | MR0640116 | |
| 6 | 2-1/2 | 700 | 2-3/4 | 1-15/16 | 1 | 9-1/4 | MR0640516 | |
| 6 | 2-1/2 | 700 | 2-3/4 | 1-3/16 | 3/4 | 6-1/4 | MR0640712 | |
| 6 | 2-1/2 | 700 | 3-1/2 | 1-15/16 | 3/4 | 9-1/2 | | MR0640912 |
| 6 | 3 | 750 | 3-1/4 | 1-15/16 | 1 | 9-1/2 | MR0650116 | |
| 6 | 3 | 750 | 3-1/4 | 1-15/16 | 1-1/4 | 9-1/2 | MR0650120 | |
| 6 | 3 | 750 | 3-1/2 | 1-15/16 | 3/4 | 9-1/4 | | MR0650912 |
| 7 | 2-1/2 | 800 | 2-3/4 | 1-15/16 | 1 | 9-1/2 | MR0740516 | |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 1/2 | 3-1/2 | MR0820108 | |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 6-1/3 | MR0820112~ | |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 5/8 | 3-1/2 | MR0820110 | |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 7/8 | 3-1/2 | MR0820114 | |
| 8 | 2 | 600 | 2-3/16 | 1-15/16 | 1 | 4 | MR0820116 | |
| 8 | 2-1/2 | 850 | 3-1/4 | 1-15/16 | 1 | 9-3/4 | MR0840116 | |
| 8 | 2-1/2 | 850 | 3-1/4 | 1-15/16 | 1-1/4 | 9-3/4 | MR0840120 | |
| 8 | 2-1/2 | 850 | 2-3/4 | 1-15/16 | 1 | 9-1/2 | MR0840516 | |
| 8 | 2-1/2 | 850 | 2-3/4 | 1-3/16 | 3/4 | 8-1/2 | MR0840712 | |
| 8 | 2-1/2 | 850 | 3-1/2 | 1-15/16 | 3/4 | 9-1/2 | | MR0840912 |
| 8 | 3 | 900 | 3-1/2 | 1-15/16 | 3/4 | 11-1/4 | | MR0850912 |
| 8 | 3 | 900 | 3-1/2 | 1-63/64 | 1 | 11-1/4 | | MR0850916 |
| 8 | 3 | 900 | 3-1/4 | 1-15/16 | 1-1/4 | 11-1/2 | MR0850120 | |
| 10 | 2-1/2 | 950 | 2-3/4 | 1-3/16 | 3/4 | 12-1/4 | MR1040712 | |
| 10 | 2-1/2 | 950 | 2-3/4 | 1-3/16 | 7/8 | 12-3/4 | MR1040714 | |
| 10 | 2-1/2 | 950 | 3-1/4 | 1-15/16 | 1 | 13 | MR1040116 | |
| 10 | 2-1/2 | 950 | 2-3/4 | 1-15/16 | 1 | 12-3/4 | MR1040516 | |
| 10 | 2-1/2 | 950 | 3-1/4 | 1-15/16 | 1-1/4 | 13 | MR1040120 | |
| 10 | 3 | 1000 | 3-1/2 | 1-15/16 | 3/4 | 14 | | MR1050912 |
| 10 | 3 | 1000 | 3-1/4 | 1-15/16 | 1 | 14-1/4 | MR1050116 | |
| 10 | 3 | 1000 | 3-1/2 | 1-63/64 | 1 | 14 | | MR1050916 |
| 10 | 3 | 1000 | 3-1/4 | 1-15/16 | 1-1/4 | 14-1/4 | MR1050120 | |
| 10 | 3 | 1000 | 3-1/2 | 2-21/64 | 1-1/4 | 14 | | MR1050920 |
| 10 | 4 | 1400 | 4-1/4 | 2-7/16 | 1-1/4 | 25-1/2 | MR1070120 | |
| 10 | 4 | 1400 | 4-1/4 | 2-7/16 | 1-1/2 | 25-1/2 | MR1070124 | |
| 10 | 4 | 1400 | 4-1/2 | 2-7/16 | 1 | 25 | | MR1070916 |
| 10 | 4 | 1400 | 4-1/2 | 2-7/16 | 1-1/4 | 25 | | MR1070920 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
 ^ 27/16" spanner and spacers included.

Continued on next page.

MR

MR Wheels Continued



| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) <small>(Rated for normal operation)</small> | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01,05) | Wheel Number Tapered Roller (09) |
|----|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|--|---|
| 12 | 2-1/2 | 950 | 3-1/4 | 1-15/16 | 1 | 16 | | MR1240116 | |
| 12 | 2-1/2 | 950 | 3-1/4 | 1-15/16 | 1 | 16 | | MR1240120 | |
| 12 | 2-1/2 | 950 | 2-3/4 | 1-15/16 | 1 | 15-1/2 | | MR1240516 | |
| 12 | 3 | 1200 | 3-1/4 | 1-15/16 | 1 | 19-1/4 | | MR1250116 | |
| 12 | 3 | 1200 | 3-1/4 | 1-15/16 | 1-1/4 | 19-1/4 | | MR1250120 | |
| 12 | 3 | 1200 | 3-1/2 | 1-15/16 | 3/4 | 19 | | | MR1250912 |
| 12 | 3-1/2 | 1500 | 4-1/4 | 2-7/16 | 1-1/4 | 24 | | MR1260120 | |
| 12 | 3-1/2 | 1500 | 4-1/4 | 2-7/16 | 1-1/2 | 24 | | MR1260124 | |
| 12 | 3-1/2 | 1500 | 4-1/2 | 2-7/16 | 1 | 23 | | | MR1260916 |
| 12 | 3-1/2 | 1500 | 4-1/2 | 2-7/16 | 1-1/4 | 23 | | | MR1260920 |
| 12 | 4 | 1600 | 4-1/4 | 2-7/16 | 1-1/4 | 29-1/2 | | MR1270120 | |
| 12 | 4 | 1600 | 4-1/4 | 2-7/16 | 1-1/2 | 29-1/2 | | MR1270124 | |
| 12 | 4 | 1600 | 4-1/2 | 2-7/16 | 1 | 29 | | | MR1270916 |
| 12 | 4 | 1600 | 4-1/2 | 2-7/16 | 1-1/4 | 29 | | | MR1270920 |
| | | | | | | | | | |
| 14 | 2-1/2 | 1100 | 2-3/4 | 1-15/16 | 1 | 18 | | MR1440516 | |
| 14 | 2-1/2 | 1100 | 2-3/4 | 1-15/16 | 1-1/4 | 18 | | MR1440520 | |
| 14 | 3 | 1800 | 3-1/4 | 1-15/16 | 1 | 23-1/2 | | MR1450116 | |
| 14 | 3 | 1800 | 3-1/4 | 1-15/16 | 1-1/4 | 23-1/2 | | MR1450120 | |
| | | | | | | | | | |
| 16 | 3 | 1500 | 3-1/4 | 1-15/16 | 1 | 40 | | MR1650116 | |
| 16 | 3 | 1500 | 3-1/4 | 1-15/16 | 1-1/4 | 40 | | MR1650120 | |
| 16 | 4 | 2000 | 4-1/4 | 2-7/16 | 1-1/4 | 47-3/4 | | MR1670120 | |
| 16 | 4 | 2000 | 4-1/4 | 2-7/16 | 1-1/2 | 47-3/4 | | MR1670124 | |
| 16 | 5 | 2570 | 5-1/4 | 2-7/16 | 1-1/4 | 60-1/4 | | MR1680120 | |
| 16 | 5 | 2570 | 5-1/4 | 2-7/16 | 1-1/2 | 60-1/4 | | MR1680124 | |
| 16 | 5 | 2570 | 5-1/4 | 3-1/4 | 2 | 60-1/4 | | MR1680132 | |
| | | | | | | | | | |
| 18 | 3 | 1550 | 4-1/4 | 2-7/16 | 1-1/4 | 41-3/4 | | MR1850120 | |
| 18 | 3 | 1550 | 4-1/4 | 2-7/16 | 1-1/2 | 41-3/4 | | MR1850124 | |
| 18 | 5 | 2800 | 5-1/4 | 2-7/16 | 1-1/2 | 83-1/4 | | MR1880124 | |
| 18 | 5 | 2800 | 5-1/4 | 3-1/16 | 1-3/4 | 86 | | MR1880128 | |
| 18 | 5 | 2800 | 5-1/4 | 3-1/4 | 2 | 86 | | MR1880132 | |
| | | | | | | | | | |
| 20 | 3 | 1680 | 4-1/4 | 2-7/16 | 1-1/4 | 64 | | MR2050120 | |
| 20 | 3 | 1680 | 4-1/4 | 2-7/16 | 1-1/2 | 64 | | MR2050124 | |
| 20 | 5 | 3020 | 5-1/4 | 3-1/4 | 2 | 93 | | MR2080132 | |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
 ^ 27/16" spanner and spacers included.

RUBBER WHEELS

Albion is Green in More Ways Than One

Are Your Casters Green?

Albion prides itself on being a leader in the caster industry ... not only in product innovation and service ... but also environmental stewardship of our planet's precious natural resources.





**Rubber on Iron
(Flat Tread)**



- Economical
- Ready to Ship



Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Flat with rounded edges
- **Finish:** Rubber tread; iron core
- **Hardness:** 95-98 Shore A

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Less Bearing (00) | Wheel Number Roller Bearing (01) |
|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|--------------------------------------|--|
| 4 | 2 | 350 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | IM0420019 | IM0420112 |
| 5 | 2 | 400 | 2-3/16 | 1-3/16 | 3/4 | 2 | IM0520019 | IM0520112 |
| 6 | 2 | 410 | 2-3/16 | 1-3/16 | 3/4 | 2-1/4 | IM0620019 | IM0620112 |
| 8 | 2 | 450 | 2-3/16 | 1-3/16 | 3/4 | 6-1/3 | IM0820019 | IM0820112 |

Albion Bumpers

Serious protection for your equipment.

We're not saying our bumpers will take a bullet for you like a secret service agent. But, Albion is pleased to announce a new line of bumpers that look good while protecting your equipment, walls and other structures 24 hours a day ... 7 days a week.

See page 205



Caster Express is Here!

- 24 hour shipping
- One week shipping for modified standard product
- Over 1,000 items now in caster express program
- Continuously adding models ... check frequently
- www.casterexpress.com

ALBION®
800-835-8911



MD

Mold-On Rubber on Die Cast Aluminum Wheels



Cushion rubber treads are vulcanized to die cast aluminum core. The soft rubber tread affords a cushion effect to the load and excellent floor protection. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black on natural aluminum core
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit
- **Hardness:** 80-83 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Load for normal operation) (Lbs) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) |
|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|-------------------------------------|
| 4 | 1-1/2 | 250 | 1-5/8 | 1-3/16 | 1/2 | 1-1/4 | MD0410108 |
| 4 | 1-1/2 | 250 | 1-5/8 | 1-3/16 | 5/8 | 1-1/4 | MD0410110 |
| 4 | 1-1/2 [^] | 250 | 1-5/8 | 1-3/16 | 3/4 | 1-1/4 | MD0410112~ |
| 4 | 2 | 400 | 2-3/16 | 1-3/16 | 1/2 | 1-1/2 | MD0420108 |
| 4 | 2 | 400 | 2-3/16 | 1-3/16 | 5/8 | 1-1/2 | MD0420110 |
| 4 | 2 | 400 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | MD0420112~ |
| 5 | 1-1/2 | 300 | 1-5/8 | 1-3/16 | 1/2 | 1-1/2 | MD0510108 |
| 5 | 1-1/2 | 300 | 1-5/8 | 1-3/16 | 5/8 | 1-1/2 | MD0510110 |
| 5 | 1-1/2 [^] | 300 | 1-5/8 | 1-3/16 | 3/4 | 1-1/2 | MD0510112~ |
| 5 | 2 | 500 | 2-3/16 | 1-3/16 | 1/2 | 2 | MD0520108 |
| 5 | 2 | 500 | 2-3/16 | 1-3/16 | 5/8 | 2 | MD0520110 |
| 5 | 2 | 500 | 2-3/16 | 1-3/16 | 3/4 | 2 | MD0520112~ |
| 6 | 2 | 550 | 2-3/16 | 1-3/16 | 1/2 | 2-1/4 | MD0620108 |
| 6 | 2 | 550 | 2-3/16 | 1-3/16 | 5/8 | 2-1/4 | MD0620110 |
| 6 | 2 | 550 | 2-3/16 | 1-3/16 | 3/4 | 2-1/4 | MD0620112~ |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 1/2 | 3-1/2 | MD0820108 |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 5/8 | 3-1/2 | MD0820110 |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 5/8 | 3-1/2 | MD0820110 |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 3-1/2 | MD0820112~ |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
[^] 2⁷/₁₆" spanner and spacers included.

RUBBER WHEELS



FALLSHAW CASTERS
Albion is the Exclusive Supplier of the Fallshaw Product Line in America

See pages 36-50



K



M



J



O



ARC



ZEN

RM

NEW MODEL!

High Modulus Grey Rubber on Aluminum Wheels



High modulus rubber wheels roll and swivel easier than conventional rubber wheels.

FEATURES

- **Hardness:** 75-85 Shore A
- Wheels are complete with top hat and spacers
- **Wheel face:** Round tread
- **Finish:** Grey tread on aluminum core
- **Temperature Range:** -40 degrees to +180°F

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|--|
| 5 | 2 | 300 | 2-7/16 | - | 1/2 | 2 | RM0522808 |
| 6 | 2 | 350 | 2-7/16 | - | 1/2 | 3 | RM0622808 |
| 8 | 2 | 450 | 2-7/16 | - | 1/2 | 4 | RM0822808 |

RL

NEW MODEL!

High Modulus Black Rubber on Aluminum Wheels



High modulus rubber wheels roll and swivel easier than conventional rubber wheels.

FEATURES

- **Hardness:** 75-85 Shore A
- Wheels are complete with top hat and spacers
- **Wheel face:** Round tread
- **Finish:** Black tread on aluminum core
- **Temperature Range:** -40 degrees to +180°F

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Precision Ball (28) |
|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|--|
| 5 | 2 | 300 | 2-7/16 | - | 1/2 | 2 | RL0522808 |
| 6 | 2 | 350 | 2-7/16 | - | 1/2 | 3 | RL0622808 |
| 8 | 2 | 450 | 2-7/16 | - | 1/2 | 4 | RL0822808 |

RR

Rubber Solid



Protect floors and quiet operation with our rubber wheels. Rubber is molded to harder rubber core.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -40 degrees up to +180 degrees Fahrenheit
- **Hardness:** 75-85 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| | Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Plain Bore (41) |
|-------|----------------------------|-------------------------|--|------------------------|---------------------|------------------------|----------------------|--|------------------------------------|
| 3 | 1-1/4 | 125 | 1-3/8 | 1-1/16 | 1/2 | 1/2 | | RR0300108 | RR0304108 |
| 3-1/2 | 1-1/4 | 150 | 1-3/8 | 1-1/16 | 1/2 | 1/2 | | | RR03X4108 |
| 4 | 1-1/4 | 150 | 1-3/8 | 1-1/16 | 1/2 | 3/4 | | RR0400108 | RR0404108 |
| 4 | 1-1/2 | 170 | 1-5/8 | 1-3/16 | 1/2 | 1-1/4 | | RR0410108 | |
| 4 | 1-1/2 | 170 | 1-5/8 | 1-3/16 | 5/8 | 1-1/4 | | RR0410110 | |
| 4 | 1-1/2^ | 170 | 1-5/8 | 1-3/16 | 3/4 | 1-1/4 | | RR0410112~ | |
| 4 | 2 | 220 | 2-3/16 | 1-3/16 | 1/2 | 1-1/2 | | RR0420108 | |
| 4 | 2 | 220 | 2-3/16 | 1-3/16 | 5/8 | 1-1/2 | | RR0420110 | |
| 4 | 2 | 220 | 2-3/16 | 1-3/16 | 3/4 | 1-1/2 | | RR0420112~ | |
| 5 | 1-1/4 | 175 | 1-3/8 | 1-1/16 | 1/2 | 1-1/2 | | RR0500108 | RR0504108 |
| 5 | 1-1/2 | 240 | 1-5/8 | 1-3/16 | 1/2 | 1-3/4 | | RR0510108 | |
| 5 | 1-1/2 | 240 | 1-5/8 | 1-3/16 | 5/8 | 1-3/4 | | RR0510110 | |
| 5 | 1-1/2^ | 240 | 1-5/8 | 1-3/16 | 3/4 | 1-3/4 | | RR0510112~ | |
| 5 | 2 | 325 | 2-3/16 | 1-3/16 | 1/2 | 2-1/2 | | RR0520108 | |
| 5 | 2 | 325 | 2-3/16 | 1-3/16 | 5/8 | 2-1/2 | | RR0520110 | |
| 5 | 2 | 325 | 2-3/16 | 1-3/16 | 3/4 | 2-1/2 | | RR0520112~ | |
| 6 | 1-1/2 | 270 | 1-5/8 | 1-3/16 | 1/2 | 2-3/4 | | RR0610108 | |
| 6 | 1-1/2 | 270 | 1-5/8 | 1-3/16 | 5/8 | 2-3/4 | | RR0610110 | |
| 6 | 1-1/2^ | 270 | 1-5/8 | 1-3/16 | 3/4 | 2-3/4 | | RR0610112~ | |
| 6 | 2 | 350 | 2-3/16 | 1-3/16 | 1/2 | 3-1/2 | | RR0620108 | |
| 6 | 2 | 350 | 2-3/16 | 1-3/16 | 5/8 | 3-1/2 | | RR0620110 | |
| 6 | 2 | 350 | 2-3/16 | 1-3/16 | 3/4 | 3-1/2 | | RR0620112~ | |
| 8 | 1-1/2 | 360 | 1-5/8 | 1-3/16 | 1/2 | 4 | | RR0810108 | |
| 8 | 1-1/2^ | 360 | 1-5/8 | 1-3/16 | 5/8 | 4 | | RR0810110 | |
| 8 | 1-1/2^ | 360 | 1-5/8 | 1-3/16 | 3/4 | 4 | | RR0810112~ | |

~ Wheels are complete with spanner bushing and nylon sealed retaining thrust washer.
^ 27/16" spanner and spacers included.

RUBBER WHEELS



Mmmm ... High Temperature Wheels that Bakeries Can Appreciate!

Preheat Oven to 485° and Relax

- Albion MV/MZ rubber tread high temperature wheels
- Excellent wheels for bakery racks
- Soft Tread Wheels Protect Your Floors

*Casters see page 28
Wheels see page 190*



OA

Press-On Rubber Wheels



For capacities and service conditions beyond the capabilities of regular cushion tread wheels, we offer industrial press-on wheels. These are available in either standard or deluxe Hi-Profile cushion type.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black tread with grey enamel core
- **Temperature Range:** 40 degrees up to +180 degrees Fahrenheit
- **Hardness:** 60–80 Shore A

WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For custom & special application options, please consult factory.

- Regular or Deluxe
- High Capacity Mold-On Rubber

| | Wheel Diameter (Inches) | Tread Width (Inches) | Tire ID, Core OD (Inches) | Capacity (Lbs) (Based on normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Roller Bearing (01) | Wheel Number Tapered Roller (09) |
|-------|----------------------------|-------------------------|------------------------------|---|------------------------|---------------------|------------------------|----------------------|--|--|
| 8-1/2 | 4 | 4 | 1270 | 4-1/4 | 1-15/16 | 1 | 23 | OA087011601 | | |
| 8-1/2 | 4 | 4 | 1270 | 4-1/2 | 1.98 | 1 | 23 | | | OA087091601 |
| 10 | 6 | 6-1/4 | 2320 | 4-1/4 | 2-7/16 | 1-1/4 | 40 | OA109012001 | | |
| 10 | 6 | 6-1/4 | 2320 | 4-1/2 | 2-7/16 | 1-1/4 | 40 | | | OA109092001 |
| 12 | 4 | 8 | 1420 | 4-1/4 | 2-7/16 | 1-1/4 | 45 | OA127012001 | | |
| 12 | 4 | 8 | 1420 | 4-1/2 | 2-7/16 | 1-1/4 | 45 | | | OA127092001 |
| 12 | 4-1/2 | 8 | 1890 | 4-1/4 | 2-7/16 | 1-1/4 | 47 | OA127012002 | | |
| 12 | 4-1/2 | 8 | 1890 | 4-1/2 | 2-7/16 | 1-1/4 | 47 | | | OA127092002 |
| 14 | 4 | 10 | 1600 | 4-1/4 | 2-7/16 | 1-1/4 | 49 | OA147012001 | | |
| 14 | 4 | 10 | 1600 | 4-1/2 | 2-7/16 | 1-1/4 | 49 | | | OA147092001 |
| 15 | 5 | 11-1/4 | 2540 | 5-1/4 | 2-7/16 | 1-1/4 | 72 | OA158012001 | | |
| 15 | 5 | 11-1/4 | 2540 | 5-1/2 | 2-7/16 | 1-1/4 | 72 | | | OA158092001 |
| 15 | 6 | 11-1/4 | 3150 | 5-1/4 | 2-7/16 | 1-1/2 | 79 | OA159012401 | | |
| 15 | 6 | 11-1/4 | 3150 | 5-1/2 | 2-7/16 | 1-1/4 | 79 | | | OA159092001 |
| 15 | 8 | 11-1/4 | 4380 | 8-1/4 | 2-7/16 | 1-1/2 | 135 | OA159012402 | | |
| 15 | 8 | 11-1/4 | 4380 | 8-1/2 | 2-9/16 | 1-1/2 | 135 | | | OA159092401 |
| 15 | 9 | 11-1/4 | 4570 | 9-1/4 | 2-7/16 | 1-1/2 | 142 | OA159012403 | | |
| 15 | 9 | 11-1/4 | 4570 | 9-1/2 | 2-9/16 | 1-1/2 | 142 | | | OA159092402 |
| 16 | 4 | 14 | 1770 | 4-1/4 | 2-7/16 | 1-1/4 | 58 | OA167012001 | | |
| 16 | 4 | 14 | 1770 | 4-1/2 | 2-7/16 | 1-1/4 | 58 | | | OA167092001 |
| 16 | 4-1/2 | 14 | 2040 | 4-1/4 | 2-7/16 | 1-1/4 | 61 | OA167012002 | | |
| 16 | 4-1/2 | 14 | 2040 | 4-1/2 | 2-7/16 | 1-1/4 | 61 | | | OA167092002 |
| 18 | 5 | 14 | 2540 | 4-1/4 | 2-7/16 | 1-1/4 | 92 | OA188012001 | | |
| 18 | 5 | 14 | 2540 | 4-1/2 | 2-7/16 | 1-1/4 | 92 | | | OA188092001 |
| 18 | 12 | 14 | 9100 | 12-1/4 | 2-7/16 | 1-1/2 | 200 | OA188012401 | | |
| 18 | 12 | 14 | 9100 | 12-1/2 | 2-9/16 | 1-1/2 | 200 | | | OA189092401 |
| 20 | 5 | 16 | 2750 | 5-1/4 | 2-7/16 | 1-1/2 | 117 | OA208012401 | | |
| 20 | 5 | 16 | 2750 | 5-1/2 | 2-7/16 | 1-1/4 | 117 | | | OA208092001 |
| 20 | 6 | 16 | 3920 | 5-1/4 | 2-7/16 | 1-1/2 | 126 | OA209012401 | | |
| 20 | 6 | 16 | 3920 | 5-1/2 | 2-9/16 | 1-1/2 | 126 | | | OA209092401 |
| 20 | 9 | 16 | 5820 | 9-1/4 | 2-7/16 | 1-1/2 | 229 | OA209012402 | | |
| 20 | 9 | 16 | 5820 | 9-1/2 | 2-9/16 | 1-1/2 | 229 | | | OA209092402 |
| 22 | 10 | 16 | 8260 | 10-1/4 | 2-7/16 | 1-1/2 | 260 | OA229012401 | | |
| 22 | 10 | 16 | 8260 | 10-1/2 | 2-9/16 | 1-1/2 | 260 | | | OA229092401 |
| 22 | 12 | 16 | 10190 | 12-1/4 | 2-7/16 | 1-1/2 | 286 | OA229012402 | | |
| 22 | 12 | 16 | 10190 | 12-1/2 | 2-9/16 | 1-1/2 | 286 | | | OA229092402 |

Deluxe Press-On Rubber Wheels

| | | | | | | | | | | |
|--------|-------|--------|------|-------|--------|-------|-----|-------------|--|-------------|
| 13 | 4-1/2 | 8 | 2040 | 4-1/4 | 2-7/16 | 1-1/4 | 49 | OA137012001 | | |
| 13 | 4-1/2 | 8 | 2040 | 4-1/2 | 2-7/16 | 1-1/4 | 49 | | | OA137092001 |
| 14 | 4-1/2 | 8 | 2120 | 4-1/4 | 2-7/16 | 1-1/4 | 52 | OA147012001 | | |
| 14 | 4-1/2 | 8 | 2120 | 4-1/2 | 2-7/16 | 1-1/4 | 52 | | | OA147092001 |
| 15-1/2 | 6 | 10 | 3400 | 4-1/4 | 2-7/16 | 1-1/2 | 68 | OA159012404 | | |
| 15-1/2 | 6 | 10 | 3400 | 4-1/2 | 2-7/16 | 1-1/4 | 68 | | | OA159092002 |
| 16-1/4 | 4 | 11-1/4 | 2050 | 5-1/4 | 2-7/16 | 1-1/4 | 69 | OA167012003 | | |
| 16-1/4 | 4 | 11-1/4 | 2050 | 5-1/2 | 2-7/16 | 1-1/4 | 69 | | | OA167092003 |
| 16-1/4 | 6 | 11-1/4 | 3470 | 5-1/4 | 2-7/16 | 1-1/2 | 83 | OA169012401 | | |
| 16-1/4 | 6 | 11-1/4 | 3470 | 5-1/2 | 2-7/16 | 1-1/4 | 83 | | | OA169092001 |
| 16-1/4 | 7 | 11-1/4 | 4190 | 7-1/4 | 2-7/16 | 1-1/2 | 127 | OA169012402 | | |
| 16-1/4 | 7 | 11-1/4 | 4190 | 7-1/2 | 2-9/16 | 1-1/2 | 127 | | | OA169092401 |
| 18 | 5 | 12-1/8 | 2980 | 4-1/4 | 2-7/16 | 1-1/2 | 72 | OA188012401 | | |
| 18 | 5 | 12-1/8 | 2980 | 4-1/2 | 2-7/16 | 1-1/4 | 72 | | | OA188092002 |
| 18 | 6 | 12-1/8 | 3800 | 4-1/4 | 2-7/16 | 1-1/2 | 81 | OA189012402 | | |
| 18 | 6 | 12-1/8 | 3800 | 4-1/2 | 2-9/16 | 1-1/4 | 81 | | | OA189092001 |
| 18 | 8 | 12-1/8 | 5450 | 8-1/4 | 2-7/16 | 1-1/2 | 132 | OA189012403 | | |
| 18 | 8 | 12-1/8 | 5450 | 8-1/2 | 2-9/16 | 1-1/2 | 132 | | | OA189092402 |
| 21 | 6 | 15 | 4270 | 5-1/4 | 2-7/16 | 1-1/2 | 117 | OA219012401 | | |
| 21 | 6 | 15 | 4270 | 5-1/2 | 2-9/16 | 1-1/2 | 117 | | | OA219092401 |
| 21 | 8 | 15 | 6120 | 8-1/4 | 2-7/16 | 1-1/2 | 192 | OA219012402 | | |
| 21 | 8 | 15 | 6120 | 8-1/2 | 2-9/16 | 1-1/2 | 192 | | | OA219092402 |
| 22 | 6 | 16 | 4420 | 5-1/4 | 2-7/16 | 1-1/2 | 135 | OA229012403 | | |
| 22 | 6 | 16 | 4420 | 5-1/2 | 2-9/16 | 1-1/2 | 135 | | | OA229092403 |
| 22 | 8 | 16 | 6340 | 8-1/4 | 2-7/16 | 1-1/2 | 232 | OA229012404 | | |
| 22 | 8 | 16 | 6340 | 8-1/2 | 2-9/16 | 1-1/2 | 232 | | | OA229092404 |

SF Pneumatic Wheels



Full Pneumatic (SF) Recommended for the greatest possible protection to both loads and floors. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider a pneumatic tire. Full pneumatics cushion the load on air, just like an automobile. They must be properly inflated as indicated in wheel table. Can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity. Suitable for extended service.

• Precision bearings now available

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Based on manual operation) | Ply Rating | Hub Length (Inches) | Air Pressure (PSI) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Ball Bearing (27) | Wheel Number Roller (01) | Wheel Number Tapered (09) |
|-------------------------|-------------------------|--|------------|---------------------|--------------------|---------------------|-------------------|--------------------------------|--------------------------|---------------------------|
| 6 | 2 | 200 | 4 | 2-7/16 | 50 | 1/2 | 2 | SF0622708* | | |
| 8 | 2 | 210 | 4 | 2-7/16 | 50 | 1/2 | 3 | SF0822708* | | |
| 8.6 | 2.50/4 | 220 | 4 | 2-3/4 | 50 | 3/4 | 3 | SF0842708* | SF0840112 | |
| 8.6 | 2.50/4 | 220 | 4 | 3 | 50 | 1/2 | 3 | SF0842708* | SF0840112 | |
| 9.0 | 2.80/4 | 295 | 4 | 3-1/2 | 50 | 3/4 | 4-1/4 | SF0852708* | SF0850112 | |
| 9.0 | 2.80/4 | 295 | 4 | 3-1/2 | 50 | 1/2 | 4-1/4 | SF0852708* | SF0850112 | |
| 10.9 | 4.10/4 | 350 | 4 | 3-1/2 | 50 | 3/4 | 5-1/2 | SF1062708* | SF1060112 | |
| 10.9 | 4.10/4 | 350 | 4 | 3-1/2 | 50 | 1/2 | 5-1/2 | SF1062708* | SF1060112 | |
| 13.0 | 4.10/6 | 445 | 4 | 4-1/2 | 50 | 1 | 6-1/4 | SF1272712 | SF1270116 | |
| 13.0 | 4.10/6 | 445 | 4 | 4-1/2 | 50 | 3/4 | 6-1/4 | SF1272712 | SF1270116 | SF1270916 |
| 13.0 | 4.10/6 | 445 | 4 | 4-1/2 | 50 | 1 | 10-1/4 | SF1272712 | SF1270116 | SF1270916 |
| 14.6 | 5.30/6 | 785 | 4 | 4-1/2 | 65 | 1 | 9 | SF1482712 | SF1480116 | |
| 14.6 | 5.30/6 | 785 | 4 | 4-1/2 | 65 | 3/4 | 9 | SF1482712 | SF1480116 | |
| 16.2 | 4.80/8 | 1300 | 6 | 6 | 90 | 1 | 16 | | SF1680120 | SF1680916 |
| 16.3 | 4.80/8 | 1000 | 4 | 4-1/2 | 70 | 1-1/4 | 12 | | SF1680120 | |
| 18.4 | 5.70/8 | 1170 | 4 | 4-1/2 | 60 | 1-1/4 | 15 | | SF1890120 | |
| 19.0 | 5.70/8 | 1590 | 6 | 6-1/2 | 75 | 1 | 25 | | SF1890916 | |
| 21.0 | 6.90/9 | 2420 | 10 | 7 | 100 | 1-1/4 | 37-1/2 | | SF2190920 | |
| 23.5 | 6.50/10 | 2775 | 10 | 6 | 100 | 1-1/4 | 38 | | SF2390920 | |
| 25.7 | 7.50/10 | 3630 | 10 | 9 | 95 | 1-1/4 | 40 | | SF2590920 | |

*Precision bearings now available. Replacement parts now available, consult factory.

SG Grey Pneumatic

NEW MODEL!



- New Grey Pneumatic tires feature non-marking floor protection
- Full pneumatics cushion the load on air, just like an automobile tire
- Smoother ride over rough floors
- Load capacities up to 350lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion.



| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Air Pressure (PSI) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Ply Rating | Air Pressure (PSI) | Bearing Type | Wheel Number |
|-------------------------|-------------------------|--|---------------------|--------------------|---------------------|-------------------|------------|--------------------|----------------|--------------|
| 6 | 2 | 200 | 2-7/16 | 1/2 | 2 | 4 | 50 | | Radial Ball | SG0622708 |
| 6 | 2 | 200 | 2-7/16 | 1/2 | 2 | 4 | 50 | | Precision Ball | SG0622808 |
| 8 | 2 | 210 | 2-7/16 | 1/2 | 3 | 4 | 50 | | Radial Ball | SG0822708 |
| 8 | 2 | 210 | 2-7/16 | 1/2 | 3 | 4 | 50 | | Precision Ball | SG0822808 |
| 8.6 | 2.50/4 | 220 | 2-3/4 | 3/4 | 3 | 4 | 30 | | Roller | SG0840112 |
| 8.6 | 2.50/4 | 220 | 3 | 1/2 | 3 | 4 | 30 | | Radial Ball | SG0842708 |
| 8.6 | 2.50/4 | 220 | 3 1/2 | 3 | 4 | 4 | 30 | | Precision Ball | SG0842808 |
| 9 | 2.80/4 | 295 | 3-1/2 | 3/4 | 4-1/4 | 4 | 50 | | Roller | SG0850112 |
| 9 | 2.80/4 | 295 | 3-1/2 | 1/2 | 4-1/4 | 4 | 50 | | Radial Ball | SG0852708 |
| 9 | 2.80/4 | 295 | 3-1/2 | 1/2 | 4-1/4 | 4 | 50 | | Precision Ball | SG0852808 |
| 10.9 | 4.10/4 | 350 | 3-1/2 | 3/4 | 5-1/2 | 4 | 50 | | Roller | SG1060112 |
| 10.9 | 4.10/4 | 350 | 3-1/2 | 1/2 | 5-1/2 | 4 | 50 | | Radial Ball | SG1062708 |
| 10.9 | 4.10/4 | 350 | 3-1/2 | 1/2 | 5-1/2 | 4 | 50 | | Precision Ball | SG1062808 |

A Different Shade of Black
Introducing Albion Grey Pneumatic Wheels

PNEUMATIC WHEELS

SF Brass Pneumatic Replacement Tire

- Shiny brass hub
- Black or Grey Pneumatic tires feature non-marking floor protection
- Full pneumatics cushion the load on air, just like an automobile tire
- Smoother ride over rough floors
- Load capacities up to 220 lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion.



| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Industrial Ball (27) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------------|
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------------|

| Black Tread | | | | | | | |
|-------------|--------|-----|--------|-------|-----|---|-------------|
| 8 | 2.50/4 | 220 | 2-7/16 | 1-3/8 | 1/2 | 3 | SF084270805 |

| Grey Tread | | | | | | | |
|------------|--------|-----|--------|-------|-----|---|-------------|
| 8 | 2.50/4 | 220 | 2-7/16 | 1-3/8 | 1/2 | 3 | SF084270806 |

SO Pneumatic Hand Truck Wheel



Hand Truck Wheel (SO) This 4-ply rating tire with offset hub is the perfect answer for all your hand truck replacement needs.

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Rated for manual operation) | Ply Rating | Hub Length (Inches) | Air Pressure (PSI) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Ball Bearing (27) | Wheel Number Roller (01) | Wheel Number Precision Ball (28) |
|-------------------------|-------------------------|--|------------|---------------------|--------------------|---------------------|-------------------|-----------------------------------|-----------------------------|-------------------------------------|
| 10.5 | 4.10/4 | 350 | 4 | 2-1/4 Offset | 50 | 5/8 | 2 | S01062710 | S01060110 | S01062810 |

SN Semi-Pneumatic Hand Truck Wheel



Semi-Pneumatic (SN) These shock absorbing pneumatic wheels have no inflation problems, because they are not pressurized. All bearings are pressure lubricated, except the 6" diameter wheels, which must be lubricated through the hollow axle.

| Wheel Diameter (Inches) | Tire Size/Type (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Ball Bearing (27) | Wheel Number Roller (01) |
|-------------------------|-------------------------|--|---------------------|---------------------|-------------------|-----------------------------------|-----------------------------|
| 6.2 | 2.00EHS | 200 | 2-1/4 | 3/4 | 3 | | SN0620112 |
| 6.2 | 2.00EHS | 200 | 2-1/2 | 1/2 | 3 | SN0622708 | |
| 8.6 | 2.50EHS | 350 | 3 | 3/4 | 5-3/4 | | SN0840112 |
| 8.6 | 2.50EHS | 350 | 3 | 1/2 | 5-3/4 | SN0842708 | |
| 10.0 | 2.75EHS | 350 | 3-1/4 | 3/4 | 7-1/4 | | SN1040112 |
| 10.0 | 2.75EHS | 350 | 3-1/4 | 1/2 | 7-1/4 | SN1042708 | |
| 12.1 | 3.00EHS | 540 | 3-1/2 | 3/4 | 13-1/2 | | SN1250112 |
| 12.1 | 3.00EHS | 540 | 3-1/2 | 1/2 | 13-1/2 | SN1252708 | |

NF Never-Flat Tires



Never-Flat (NF) Recommended for the greatest possible protection to both loads and floors. Perfect replacement tire for pneumatic or semi-pneumatic applications. This solid urethane tire has similar rollability characteristics as a pneumatic tire... but they never go flat. Optional colors and caster configurations, consult factory. Replacement parts available. 8" Grey wheel. 10" Black wheel.



| Wheel Diameter (Inches) | Tire Size (Inches) | Capacity (Lbs) (Max. per model, per piece) | Hub Length (Inches) | Hub Description | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Ball Bearing (27) |
|----------------------------|-----------------------|---|------------------------|----------------------|------------------------|----------------------|--------------------------------------|
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 1-Piece Hub | 1/2 | 2-1/4 | NF0852708 |
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 1-Piece Hub | 5/8 | 2-1/4 | NF0852710 |
| 8 | 2-1/2 | 300 | 3 | Centered 1-Piece Hub | 1/2 | 3 | NF0852708C |
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 3-Piece Hub | 1/2 | 2-1/4 | NF0852708T |
| 8 | 2-1/2 | 300 | 2-1/4 | Offset 3-Piece Hub | 5/8 | 2-1/4 | NF0852710T |
| 8 | 2-1/2 | 300 | 3 | Centered 3-Piece Hub | 1/2 | 3 | NF0852708CT |
| 8 | 2-1/2 | 300 | 3 | Centered 3-Piece Hub | 5/8 | 3 | NF0852710CT |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 1-Piece Hub | 1/2 | 5 | NF1062708 |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 1-Piece Hub | 5/8 | 5 | NF1062710 |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 3-Piece Hub | 1/2 | 5 | NF1062708T |
| 10 | 3-1/2 | 350 | 2-1/4 | Offset 3-Piece Hub | 5/8 | 5 | NF1062710T |
| 10 | 3-1/2 | 350 | 3-1/2 | Centered 1-Piece Hub | 5/8 | 5 | NF1062710C |
| 10 | 3-1/2 | 350 | 3-1/2 | Centered 3-Piece Hub | 1/2 | 5 | F1062708CT |
| 10 | 3-1/2 | 350 | 3-1/2 | Centered 3-Piece Hub | 5/8 | 5 | NF1062710CT |

10" precision ball and roller bearing models available, roller bearing ID is 3/4".
For precision ball models change 27 to 28. For roller bearing models change 27 to 01.

Replacement 10" diameter tire less hub available, specify NF1060022.
Replacement parts available.

FEATURES

- Heavy duty 350 pound load capacity!
- Looks and performs similar to pneumatic wheels, but without the hassles of air pressure maintenance and flat tire repair
- Reduces maintenance time and expense
- Closed cell expanded foam construction resists water absorption (unlike others currently in the marketplace)
- Sawtooth tread for easy maneuverability and traction (radial tread on 8" model)
- Quiet, smooth operation
- Non-marking for superior floor protection
- Rolls over obstacles with ease and absorbs shock to protect cargo
- Zerk fittings



- Solid Urethane Never Goes Flat
- Optional Colors
- Replacements Parts Available

www.neverflattire.com

Never-Flat! The name says it all. Air gauges and tire patches are now obsolete!
New Expanded Line!

ALBION

MV

NEW MODEL!

High Temperature Rubber on Die Cast Aluminum (MV)



Hi-Temperature rubber wheel handles the heat, yet protects your floors with non-marking rubber tread. An excellent wheel for bakery racks.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Red non-marking grey on aluminum core
- **Temperature Range:** -40°F to +485°F intermittent (285°F continuous use)
- **Hardness:** 85 Shore A
- Soft tread wheels protect your floors
- Economical
- Typical applications include: Food Service, Pharmaceuticals, Laboratories, Hospitals

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Wheel Number |
|-------------------------|----------------------|--|---------------------|------------------|--------------|
| 4 | 1-9/16 | 170 | 1.77 | .320 | MV0412805 |

Durometer: 73 Shore A
Temperature Range: -40° to 485°F intermittent (285°F continuous use)
Bearing: Precision ball ... stainless steel bearings available.

Important Note: Caster wheel does not fit standard Albion F4 series caster models. You must order special F4 rigs for MV/MZ wheels.

Mmmm ... High Temperature Wheels that Bakeries Can Appreciate!
 Preheat Oven to 485° and Relax

ALBION

www.albioninc.com

MZ

NEW MODEL!

High Temperature Rubber on High Temperature Phenolic (MZ)



Hi-Temperature rubber wheel handles the heat, yet protects your floors with non-marking rubber tread. An excellent wheel for bakery racks.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Black non-marking rubber on phenolic core
- **Temperature Range:** -40°F to +485°F intermittent (285°F continuous use)
- **Hardness:** 73 Shore A
- Soft tread wheels protect your floors
- Economical
- Typical applications include: Food Service, Pharmaceuticals, Laboratories, Hospitals

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based on manual operation) | Hub Length (Inches) | Bore ID (Inches) | Wheel Number |
|-------------------------|----------------------|--|---------------------|------------------|--------------|
| 4 | 1-3/16 | 185 | 1.77 | .412 | MZ0404105 |

Durometer: 85 Shore A
Temperature Range: -40° to 485°F intermittent (285°F continuous use)
Bearing: Standard plain bearing.
 Comes with spanner for 5/16" axles.

Important Note: Caster wheel does not fit standard F4 series caster models. You must order these special F4 rigs for MV/MZ wheels.

Handle the Heat ... Protect Your Floors

XS Ultimate X-tra Soft Rubber

The Ultimate X-tra soft rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need.

FEATURES

- **Wheel Face:** XS: Moderate crown
- **Finish:** Non-marking grey tread on grey core.
 - NEW!** wheels: Non-marking black tread on grey core
- **Temperature Range:** -45 degrees up to +180°F
- **Hardness:** 65-75 Shore A

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel available specify **PREV**
- For customization, special applications or alternate bearings consult factory



Xtra-Soft Flat Grey Tread (Light Duty)

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Based for normal operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Bearing | Wheel Number |
|-------------------------|----------------------|---|---------------------|------------------|---------------------|-------------------|---------------|--------------|
| 3 | 1-1/4 | 200 | 1-1/2 | 1-1/16 | 1/2 | 5/16 | Delrin | XS0305108 |
| 3-1/2 | 1-1/4 | 250 | 1-1/2 | 1-1/16 | 1/2 | 5/16 | Delrin | XS03X5108 |
| 4 | 1-1/4 | 300 | 1-1/2 | 1-1/16 | 1/2 | 3/8 | Delrin | XS0405108 |
| 5 | 1-1/4 | 325 | 1-1/2 | 1-1/16 | 1/2 | 3/4 | Delrin | XS0505108 |
| 6 | 1-1/4 | 325 | 1-1/2 | 1-1/16 | 1/2 | 3/4 | Delrin | XS0605108 |



Xtra-Soft Flat Grey Tread (Medium Heavy Duty)

| | | | | | | | | |
|---|---|-----|--------|--------|-----|-------|----------------|------------|
| 4 | 2 | 350 | 2-3/16 | 1-3/16 | 3/4 | 1 | Delrin | XS0425112 |
| 4 | 2 | 350 | 2-3/16 | 1-3/16 | 3/4 | 1 | Roller | XS0420112~ |
| 4 | 2 | 350 | 2-7/16 | 1-9/16 | 1/2 | 1 | Precision Ball | XS0422808* |
| 5 | 2 | 375 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | Delrin | XS0525112 |
| 5 | 2 | 375 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | Roller | XS0520112~ |
| 5 | 2 | 375 | 2-7/16 | 1-9/16 | 1/2 | 1-1/8 | Precision Ball | XS0522808* |
| 6 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | Delrin | XS0625112 |
| 6 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | Roller | XS0620112~ |
| 6 | 2 | 500 | 2-7/16 | 1-9/16 | 1/2 | 1-3/8 | Precision Ball | XS0622808* |
| 8 | 2 | 675 | 2-3/16 | 1-3/16 | 3/4 | 2-3/8 | Delrin | XS0825112 |
| 8 | 2 | 675 | 2-3/16 | 1-3/16 | 3/4 | 2-3/8 | Roller | XS0820112~ |
| 8 | 2 | 500 | 2-7/16 | 1-9/16 | 1/2 | 2-3/8 | Precision Ball | XS0822808* |



NEW! Xtra-Soft Flat Black Tread (Center Hub)

| | | | | | | | | |
|---|-------|-----|------|--------|-----|---|-----------------|-------------|
| 8 | 1-1/2 | 350 | 2.32 | 1-3/16 | 1/2 | 3 | Industrial Ball | XS0812708 |
| 8 | 1-1/2 | 350 | 2 | 1-3/16 | N/A | 3 | Plain | XS081001901 |

NEW! Xtra-Soft Light Duty Conductive

| | | | | | | | | |
|-------|-------|-----|-------|--------|-----|------|--------------|-----------|
| 3 | 1-1/4 | 200 | 1-1/2 | 1-1/16 | 3/8 | 5/16 | Annular Ball | XY0303106 |
| 3-1/2 | 1-1/4 | 250 | 1-1/2 | 1-1/16 | 3/8 | 5/16 | Annular Ball | XY03X3106 |
| 4 | 1-1/4 | 300 | 1-1/2 | 1-1/16 | 3/8 | 3/8 | Annular Ball | XY0403106 |
| 5 | 1-1/4 | 325 | 1-1/2 | 1-1/16 | 3/8 | 3/4 | Annular Ball | XY0503106 |
| 6 | 1-1/4 | 325 | 1-1/2 | 1-1/16 | 3/8 | 3/4 | Annular Ball | XY0603106 |

NEW! Xtra-Soft Medium Heavy Duty Conductive

| | | | | | | | | |
|---|---|-----|--------|--------|-----|-------|----------------|------------|
| 4 | 2 | 350 | 2-3/16 | 1-3/16 | 3/4 | 1 | Roller | XY0420112~ |
| 4 | 2 | 350 | 2-7/16 | 1-9/16 | 1/2 | 1 | Precision Ball | XY0422808* |
| 5 | 2 | 375 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | Roller | XY0520112~ |
| 5 | 2 | 375 | 2-7/16 | 1-9/16 | 1/2 | 1-1/8 | Precision Ball | XY0522808* |
| 6 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | Roller | XY0620112~ |
| 6 | 2 | 500 | 2-7/16 | 1-9/16 | 1/2 | 1-3/8 | Precision Ball | XY0622808* |
| 8 | 2 | 675 | 2-3/16 | 1-3/16 | 3/4 | 2-3/8 | Roller | XY0820112~ |
| 8 | 2 | 500 | 2-7/16 | 1-9/16 | 1/2 | 2-3/8 | Precision Ball | XY0822808* |



Prevenz™ Antimicrobial Wheels



The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.

XR Ultimate X-tra Soft Rubber

The Ultimate X-tra soft rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need.

FEATURES

- **Wheel Face:** Round tread
- **Finish:** Non-marking grey tread on grey core.
- **NEW!** wheels: Non-marking black tread on grey core
- **Temperature Range:** -45 degrees up to +180°F
- **Hardness:** 65-75 Shore A (unless otherwise specified)

WHEEL OPTIONS

- Prevenz™ Antimicrobial wheel available specify **PREV**
- For customization, special applications or alternate bearings consult factory



NEW!
XR Hand Truck
Wheels Now
Available!



Xtra-Soft Round Grey Tread (Light Duty)

| | | | | | | | | |
|-------|-------|-----|-------|--------|-----|------|----------------|-----------|
| 3 | 1-1/4 | 200 | 1-1/2 | 1-1/16 | 3/8 | 5/16 | Precision Ball | XR0302806 |
| 3-1/2 | 1-1/4 | 250 | 1-1/2 | 1-1/16 | 3/8 | 5/16 | Precision Ball | XR03X2806 |
| 4 | 1-1/4 | 300 | 1-1/2 | 1-1/16 | 3/8 | 3/8 | Precision Ball | XR0402806 |
| 5 | 1-1/4 | 325 | 1-1/2 | 1-1/16 | 3/8 | 3/4 | Precision Ball | XR0502806 |



Xtra-Soft Round Grey Tread (Medium Heavy Duty)

| | | | | | | | | |
|----|-------|-----|--------|---------|-----|-------|----------------|------------|
| 6 | 2 | 450 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | Delrin | XR0625112 |
| 6 | 2 | 450 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | Roller | XR0620112~ |
| 6 | 2 | 450 | 2-7/16 | 1-9/16 | 1/2 | 1-3/8 | Precision | XR0622808* |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 2-3/8 | Delrin | XR0825112 |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 2-3/8 | Roller | XR0820112* |
| 8 | 2 | 500 | 2-7/16 | 1-9/16 | 1/2 | 2-3/8 | Precision Ball | XR0822808* |
| 10 | 2-1/2 | 850 | 3-1/4 | 1-15/16 | 1 | 1 | Delrin | XR1045116 |



Xtra-Soft Round Grey Tread (Heavy Duty)

| | | | | | | | | |
|----|-------|-----|-------|---------|-----|---|-----------|------------|
| 10 | 2-1/2 | 850 | 3-1/2 | 2-7/16 | 3/4 | 3 | Precision | XR1042812* |
| 10 | 2-1/2 | 850 | 3-1/4 | 1-15/16 | 1 | 3 | Roller | XR1040116 |



Tread Hardness is 50-60 Shore A.
~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
* Precision sealed bearings and top hats.

NEW! Xtra-Soft Round Black Tread (Hand Truck Offset Hub)

| | | | | | | | | |
|----|---|-----|-------|-------|-----|---|-----------------|------------|
| 8 | 2 | 250 | 2-1/4 | 1-3/8 | 1/2 | 2 | Industrial Ball | XR0822708H |
| 8 | 2 | 250 | 2-1/4 | 1-3/8 | 5/8 | 2 | Industrial Ball | XR0822710H |
| 8 | 2 | 250 | 2-1/4 | 1-3/8 | 1/2 | 2 | Precision Ball | XR0822808H |
| 8 | 2 | 250 | 2-1/4 | 1-3/8 | 5/8 | 2 | Precision Ball | XR0822810H |
| 10 | 2 | 250 | 2-1/4 | 1-3/8 | 1/2 | 3 | Industrial Ball | XR1022708H |
| 10 | 2 | 250 | 2-1/4 | 1-3/8 | 5/8 | 3 | Industrial Ball | XR1022710H |
| 10 | 2 | 250 | 2-1/4 | 1-3/8 | 1/2 | 3 | Precision Ball | XR1022808H |
| 10 | 2 | 250 | 2-1/4 | 1-3/8 | 5/8 | 3 | Precision Ball | XR1022810H |



Tread Hardness is 50-60 Shore A.
~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
* Precision sealed bearings and top hats.

NEW! Xtra-Soft Round Conductive

| | | | | | | | | |
|---|---|-----|--------|--------|-----|-------|----------------|------------|
| 6 | 2 | 450 | 2-3/16 | 1-3/16 | 3/8 | 1-3/8 | Annular Ball | XZ0623106 |
| 6 | 2 | 450 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | Roller | XZ0620112~ |
| 6 | 2 | 450 | 2-7/16 | 1-9/16 | 1/2 | 1-3/8 | Precision | XZ0622808* |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 3/8 | 2-3/8 | Annular Ball | XZ0823106 |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 2-3/8 | Roller | XZ0820112* |
| 8 | 2 | 500 | 2-7/16 | 1-9/16 | 1/2 | 2-3/8 | Precision Ball | XZ0822808* |



~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
* Precision sealed bearings and top hats.

Prevenz™ Antimicrobial Wheels



The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.

IS

Grey TPR on Polypropylene (Flat)



EMPIRE™
Casters & Wheels

- Economical
- Ready to Ship

Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Moderate crown with rounded edges
- **Finish:** Non-marking grey tread on grey core
- **Hardness:** 85-88 Shore A

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Less Bearing (00) | Wheel Number Roller Bearing (01) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------|----------------------------------|
| 4 | 2 | 300 | 2-3/16 | 1-3/16 | 3/4 | 1 | IS0420019 | IS0420112 |
| 5 | 2 | 400 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | IS0520019 | IS0520112 |
| 6 | 2 | 500 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | IS0620019 | IS0620112 |
| 8 | 2 | 600 | 2-3/16 | 1-3/16 | 3/4 | 2-3/8 | IS0820019 | IS0820112 |

IR

Grey TPR on Polypropylene (Round)



EMPIRE™
Casters & Wheels

Empire caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Round tread
- **Finish:** Non-marking grey tread; grey polypropylene core

| Wheel Diameter (Inches) | Tread Width (Inches) | Capacity (Lbs) (Rated for manual operation) | Hub Length (Inches) | Bore ID (Inches) | Bearing ID (Inches) | Approx. Wt. (Lbs) | Wheel Number Less Bearing (00) | Wheel Number Roller Bearing (01) |
|-------------------------|----------------------|--|---------------------|------------------|---------------------|-------------------|--------------------------------|----------------------------------|
| 4 | 2 | 250 | 2-3/16 | 1-3/16 | 3/4 | 1 | IR0420019 | IR0420112 |
| 5 | 2 | 350 | 2-3/16 | 1-3/16 | 3/4 | 1-1/8 | IR0520019 | IR0520112 |
| 6 | 2 | 450 | 2-3/16 | 1-3/16 | 3/4 | 1-3/8 | IR0620019 | IR0620112 |
| 8 | 2 | 550 | 2-3/16 | 1-3/16 | 3/4 | 3-3/8 | IR0820019 | IR0820112 |

NEW

EMPIRE CASTERS
Albion now has casters and wheels for every price point!

F2

F4

15

60

ECONOMICAL EMPIRE RUBBER WHEELS

Prevenz™






Albion Caster Series Prevenz™ Availability



| Caster Series | XA Prevenz Polyurethane on Polypropylene | XS Prevenz X-tra Soft Rubber Crowned Tread | XR Prevenz X-tra Soft Rubber Round Tread | XP Prevenz X-treme® Plus Solid Elastomer | NG Prevenz Maxim® Glass-Filled Nylon | PY Prevenz Polyurethane on Iron | PX Prevenz Thick Tread Polyurethane on Iron |
|---------------------------|---|--|---|---|---|---------------------------------------|--|
| P2 Precision | • | • | | | | | |
| PC Prestige™ | • | | | | | | |
| 02 Institutional | • | | • | | | | |
| 04 Stainless | • | • | • | | | | |
| 05 Stainless | • | • | • | • | • | | |
| 12 Medium Heavy Duty | • | • | • | • | • | • | |
| 16 Medium Heavy Duty | • | • | • | • | • | • | |
| 18 Ergonomic Precision | • | • | • | • | • | • | |
| 40 Spring-Loaded | • | • | • | • | • | | |
| 42 Spring-Loaded | | | | | | • | |
| 44 Spring-Loaded | | | | • | | • | |
| 61 Heavy Duty | • | • | • | • | • | • | |
| 62 Heavy Duty | • | • | • | • | • | • | |
| 63 Heavy Duty | | | | | | • | |
| 71 Heavy Duty | • | • | • | • | • | • | |
| 72 Heavy Duty | • | • | • | • | • | • | |
| 78 Heavy Duty | | | | • | • | • | |
| 81 Heavy Duty | | | • | • | | • | • |
| 84 Heavy Duty | | | | • | | • | • |
| 90 Heavy Duty | | | • | • | | • | • |
| 92 Heavy Duty | | | | • | | • | • |
| 93 Heavy Duty | | | | | | • | • |
| 94 BBL Super Duty | | | | | | • | • |
| 94 TRL Super Duty | | | | | | • | • |
| 95 BBL Super Duty | | | | | | • | • |
| 95 TRL Super Duty | | | | | | • | • |
| 110 Contender™ | • | • | • | • | • | • | |
| 120 Contender™ Stainless | • | • | • | • | • | | |
| 130 Contender™ Stainless | • | • | • | • | • | | |
| 310 Contender™ | | | • | • | | • | • |
| 330 Contender™ Stainless | | | • | • | | • | • |
| 410 Contender™ | | | • | • | | • | • |
| 610 Contender™ | | | | • | | • | • |
| 100 Shockmaster | • | • | • | • | • | • | |
| 300 Shockmaster | | | • | • | | • | • |
| 400 Shockmaster | | | • | • | | • | • |
| 600 Shockmaster | | | | • | | • | • |
| 700 Shockmaster | | | | | | • | • |
| 850 Shockmaster | | | | | | • | • |
| 216 Cantilever-Style Dual | | | | | | • | |
| 263 Cantilever-Style Dual | • | • | • | • | • | | |
| 281 Cantilever-Style Dual | | | | | | • | |
| 290 Cantilever-Style Dual | | | | • | | • | • |
| 295 Cantilever-Style Dual | | | | | | • | • |
| 272 Dual | | | | | | • | |
| 281 Dual | • | • | | | | | |
| 290 Dual | | | | | | • | • |
| 292 Dual | | | | | | • | • |
| 293 Dual | | | | | | • | • |
| 295 BBL/TRL Dual | | | | | | • | • |

ALBION®

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Caster Brakes

Brakes for Light Duty Casters



Cam Brake
Available on 01 Series.
Step down to engage
and release.
Specify **NB01**.



Face Contact Brake
Available on 02 & 04
Series. Step down to
engage and release.
Specify **F**.



Face Contact Brake
Available on DC & P2
Series. Step down to
engage and release.
Specify **F**.



P2 Total Lock Brake
Available on P2 Series.
Locks wheel and
swivel with simple
press of toe lever.
Specify **T**.



Total Lock Brake
Available on 02 Series.
Locks wheel and swivel
with simple press of toe
lever. Specify **T**.



Grip Lock Brake
Available on 02 Series.
Corrosion resistant brake
features rugged thermoplastic
construction. Specify **GL**.



PC Total Lock
Available on PC Prestige™.
Locks wheel and swivel
with simple press of toe
lever. Specify **T**.

When it was time to move the Liberty Bell to the new Liberty Bell Center, only one caster company got the call



ALBION

Caster Brakes

Brakes for Medium and Heavy Duty Casters

CASTER BRAKES



Cam Brake

Available on 05, 12, 16, 18, 61, 62, 72, 100, 110 Series. Stainless steel on 05 series. Designed for use with Roller, 52 Delrin and Oilex bearing wheel casters. Specify **CB**. Note: 05 model shown in photo – may appear different on other series.



Single Side Brake

Available on 05, 12, 16, 18, 61, 62, 63, 72, 78, 81, 84, 90, 92, 93, 94, 100, 110, 120, 300, 310, 400, 410, 600, 610 Series. Right hand installation standard, left hand option available. Specify **SSB**.



Double Side Brake

Available on 05, 12, 16, 18, 61, 62, 63, 72, 78, 81, 84, 90, 92, 93, 94, 100, 110, 120, 300, 310, 400, 410, 600, 610 Series. Pedal on both sides for easy access. Specify **DSB**.



Total Lock Brake

Available on 12 & 16 Series. Corrosion resistant brake features rugged thermoplastic construction. Locks both wheel and swivel. Specify **T**. (Order HS60 option for 6" caster.)



Grip Lock Brake

Available on 12 & 16 Series. Corrosion resistant brake features rugged thermoplastic construction. Specify **GL**. (Does not work with swivel lock.)



Face Brake

Available on 12 & 16 Series. Step down to engage and release. Will not work with swivel locks. Specify **FBA**.



Face Brake

Available on 12, 16, 18, 61, 62, 63, 71, 72, 81, 84, 90, 100, 110, 300, 310, 400, 410 Series. Step down to engage and press up to release. Specify **FBB**.



Face Brake

Available on 18, 100, 110 Series. Step down to engage and release. Specify **FBC**.



Face Brake

Available on 05 Series. Step down to engage and release. Stainless steel. Will not work with swivel locks. Specify **FBD**.



Poly Cam Brake

Available on 12, 16, 18, 61, 62, 63, 72, 78, 81, 84, 90, 92, 93, 94, 95, 100, 110, 300, 310, 400, 410, 600, 610, 700, 850 Series. Positive locking action wheel tread. Specify **P**.



Wrap Around Brake

Available on 12, 16, 18, 61, 62, 63, 72, 78, 81, 84, 90, 92, 93, 94, 95, 100, 110, 300, 310, 400, 410, 600, 610, 700, 850 Series. Foot operated on both sides. Use with straight roller bearing. Overall height must be greater than 5-1/4". Specify **WB**.



Face Contact Brake

Available on 81, 84, 90, 92, 93, 94, 95, 300, 400, 410, 600, 610, 700, 298, 850 Series. Turn lever to apply shoe against wheel tread for positive locking action. Specify **F**. (Recommended for Pneumatic casters.)

New! Albion FBB Face Brake NEW MODEL!

Easy to Install • Easy to Use

- Easy to install in the field or the factory
- Easy to engage, easy to disengage
- Virtually maintenance free
- Available on all popular heavy duty Albion caster models
- Easy access brake pedal
- Excellent braking action on a variety of wheel tread surfaces
- Rubber brake pad is durable and long-lasting
- Brake pad is easily adjustable to increase brake force or to maintain brake efficiency as wheel wears



A new "Engaging" Brake from Albion.



Kit comes with all necessary hardware (including axle) for easy installation.

| Caster Series | Wheel Diameter | Tread Width | Axle Size | Part Number | |
|--------------------------------------|----------------|-------------|-----------|-------------|-----------|
| 12, 16, 18, 61, 62, 71, 72, 100, 110 | 4" | 2" | 1/2" | WK040202A | |
| | 5" | 2" | 1/2" | WK050202A | |
| | 6" | 2" | 1/2" | WK060202A | |
| 12, 16, 18, 61, 62, 71, 100, 110 | 8" | 2" | 1/2" | WK080202 | |
| | 63 | 5" | 2-1/2" | 3/4" | WK052503A |
| | | 6" | 2-1/2" | 3/4" | WK062503A |
| | | 8" | 2-1/2" | 3/4" | WK082503 |
| | | 10" | 2-1/2" | 3/4" | WK102503 |
| | | 12" | 2-1/2" | 3/4" | WK122503 |
| 81 | 5" | 2-1/2" | 3/4" | WK052535 | |
| 81, 84 | 6" | 2-1/2" | 3/4" | WK062535 | |
| 300, 310 | 6" | 2-1/2" | 3/4" | WK062535A | |
| 81, 84, 300, 310 | 8" | 2-1/2" | 3/4" | WK082535 | |
| 81, 300, 310 | 10" | 2-1/2" | 3/4" | WK102535 | |
| | 12" | 2-1/2" | 3/4" | WK122535 | |
| 90, 400, 410 | 6" | 3" | 3/4" | WK060335A | |
| | 8" | 3" | 3/4" | WK080335 | |
| | 10" | 3" | 3/4" | WK100335 | |
| | 12" | 3" | 3/4" | WK120335 | |

Caster Brakes

Brakes Kits for Light Duty Casters to Medium Heavy Duty Casters

Brake Kits

| Kit Number | Series | For Wheel Size | Brake Type | Exceptions |
|--|--|------------------------|------------------------------|--|
| FBDC0300 FBDC0350 FBDC0400 FBDC0500 | DC, P2 | 3" 3.5" 4" 5" | Face contact, pedal on side | |
| FB020300 FB020350 FB020400 FB020500 | 02 | 3" 3.5" 4" 5" | Face contact, pedal on side | |
| GLO20300 GLO20350 GLO20400 GLO20500 | 02 | 3" 3.5" 4" 5" | Face contact, pedal trailing | |
| FB040300 FB040350 FB040400 FB040500 | 04 | 3" 3.5" 4" 5" | Face contact, pedal on side | |
| WK405101 WK405104 | 12,14,16,61,62, 71,72,100,110 | 6", 8" 4", 5" | Cam action brake, side pedal | Not for precision or delrin bearings |
| WK405200 WK405201 | 05 | 4", 5" 6", 8" | Cam action brake, side pedal | Not for precision or delrin bearings |
| FB140400 FB140500 FB140600 FB140800 | 12,14, 16 | 4" 5" 6" 8" | Face contact, pedal on side | |
| FB180400 FB180500 FB180600 FB180800 | 18, 110 | 4" 5" 6" 8" | Face contact, pedal on side | |
| GL160400 GL160500 GL160600 GL160800 | 12,16 | 4" 5" 6" 8" | Face contact, pedal trailing | |
| ZL04208 ZL05208 ZL06208 ZL08208 | 12,14,16,18,61, 62,71,72,78, 100,110 | 4" 5" 6" 8" | Face contact, pedal trailing | For use on wheels with 2.438" hub length only. |
| ZL05408 ZL06408 ZL08408 | 61,62 63,72,78 | 5" 6" 8" | Face contact, pedal trailing | For use on wheels with 2.75" hub length only. |

Swivel Locks

Hand activated or foot activated plunger can be disengaged for continuous swiveling or engaged for straight line traveling. Requires notched yoke base. To order standard swivel lock installed specify "L" at end of caster number. For field installation options see chart:



Welded Hand Operated



Field Installable Hand Operated



Field Installable Foot Operated

| Series | Factory Install Code | Hand Operated Field Installable Part Numbers | Foot Operated Field Installable Part Numbers |
|--------|----------------------|--|--|
| 5 | L | SL1200000 | N/A |
| 12 | L | SL1200000 | N/A |
| 16 | L | SL1600000 | SL1600002 |
| 18* | L | SL1600000 | SL1000005 |
| 40 | L | SL1600000 | N/A |
| 42 | L | SL8100000 | N/A |
| 44 | L | SL90000002 | N/A |
| 61 | L | SL6100000 | N/A |
| 62 | L | SL6200000 | N/A |
| 63 | L | SL6200000 | N/A |
| 71* | L | SL1600000~ | SL1600002~ |
| 72 | L | SL7200000 | N/A |
| 78 | L | SL7200000 | N/A |
| 81* | L | SL8100000~ | N/A |
| 84 | L | SL8100000 | N/A |
| 90 | L | SL90000002 | N/A |

| Series | Factory Install Code | Hand Operated Field Installable Part Numbers | Foot Operated Field Installable Part Numbers |
|--------|----------------------|--|--|
| 92 | L | SL9200000 | N/A |
| 94 | L | SL9400000 | N/A |
| 95 | L | SL9546000 | N/A |
| 100* | L | SL1600000 | SL1600002 |
| 110*^ | L | SL1600000 | SL1600002 |
| 120* | L | SL1200000 | N/A |
| 130* | L | SL1200000 | N/A |
| 300* | L | SL3000000 | N/A |
| 310* | L | SL3000000 | N/A |
| 330* | L | SL3000000 | N/A |
| 400* | L | SL4000000 | N/A |
| 410* | L | SL4000000 | N/A |
| 600* | L | SL6000000~ | N/A |
| 610* | L | SL6000000~ | N/A |
| 700* | L | SL7000000~ | N/A |
| 850* | L | SL8500000~ | N/A |

* Swivel lock is not attached to caster.
~ Requires notched yoke.

^ SL16000006 if you specify K plate.

NEW MODEL!

Quick-Release Caster Pads



Albion quick-release caster pads make changing casters fast and easy.

- Simplifies caster replacement
- Install or replace casters with just one nut & bolt
- Unplated for easy welding to carts

| Description | Series | Caster Pad Number |
|--------------------------------|-------------------------------|-------------------|
| Fits 2-1/2" x 3-5/8" Top Plate | 02, P2, DC, PC | PC020000 |
| Fits 4" x 4-1/2" Top Plate | 14, 15, 16 | PC160000 |
| Fits 4" x 4-1/2" Top Plate | 18, 110 | PC110000 |
| Fits 4-1/2" x 6-1/4" Top Plate | 62, 63, 72, 16 Pattern K, 310 | PC620000 |



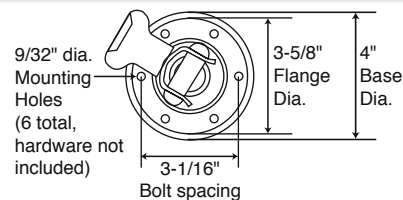
NEW 71, 18, 110 Series Caster Pad now available!

Leveling Jacks



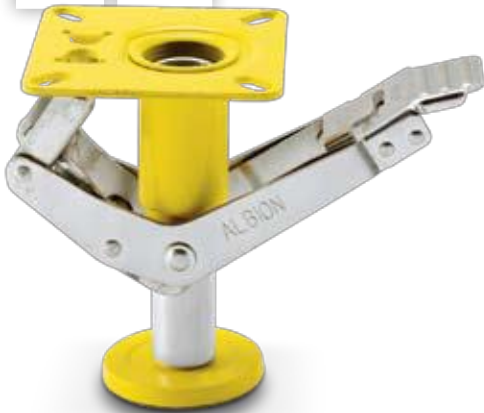
An economical and practical method for leveling and stabilizing portable equipment such as work platforms. They are used to hold equipment in place and elevate it to a required height. These screw jacks can be used in areas where position locks cannot be applied. The hand crank has a radius of 7-1/4". All metal parts are zinc plated for rust prevention.

| Overall Height (Inches) | Minimum Height Below Frame of Equipment (Inches) | Maximum Extended Height Below Frame of Equipment (Inches) | Length of Screw Travel (Inches) | Approx. Weight (Lbs) | Jack Number |
|-------------------------|--|---|---------------------------------|----------------------|-------------|
| 18 | 4-1/2 | 13-1/2 | 9 | 10-1/2 | LJ625000 |
| 26 | 4-1/2 | 21-1/2 | 17 | 12-1/2 | LJ622000 |
| 30 | 4-1/2 | 25-1/2 | 21 | 14 | LJ627000 |



NEW MODEL!

16 Series ERGOmomic Floor Locks



| Caster Wheel Diameter (inches) | Caster Series Number | Caster Height (inches) | Retracted Clearance (inches) | Approx. Wt. (lbs) | Floor Lock Number |
|--------------------------------|----------------------|------------------------|------------------------------|-------------------|-------------------|
| 6 | 16 | 7-1/4 | 1-1/2 | 3-3/4 | 16LE0680 |
| 8 | 16 | 9-1/2 | 1-1/2 | 3-3/4 | 16LE0880 |
| 6 | 110 | 7-1/2 | 1-1/2 | 3-3/4 | 110LE0680 |
| 8 | 110 | 10-1/8 | 1-1/2 | 3-3/4 | 110LE0880 |

- Ergonomically designed extended pedals make this floor lock the best in the industry!
- Bright Safety Yellow powder coating
- Easy to operate – even with steel toed boots.
- Top plate bolt hole spacing: same as 16 Series
- Brake Shoe: Large, non-skid, molded rubber for solid, no-slip contact
- Foot Pedal: Adjusted by slight foot pressure for simple, instant locking
- Finish: Corrosion resistant zinc plate and powder coating for long-use



Easy to engage. Simply push down on ergonomically designed extended pedal to activate.



Easy to disengage. Simply push down on top pedal to deactivate.

New ERGOmomic Floor Locks. The BEST floor lock in the industry.

ALBION
www.albioninc.com

NEW MODEL!

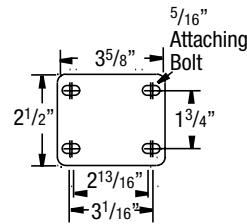
02 Series Floor Locks



| Caster Wheel Diameter (inches) | Caster Series Number | Caster Height (inches) | Retracted Clearance (inches) | Approx. Wt. (LBS) | Floor Lock Number |
|--------------------------------|----------------------|------------------------|------------------------------|-------------------|-------------------|
| 3-1/2 | 02 | 4-11/16 | 3/4 | 2-3/4 | 02LF03X80 |
| 4 | 02 | 5-1/8 | 3/4 | 2-3/4 | 02LF0480 |
| 5 | 02 | 6-3/16 | 3/4 | 2-3/4 | 02LF0580 |

The Albion 02 Series floor locks are designed to hold your portable equipment in a desired location. Intended for use on level surfaces, the floor lock is activated by toe pressure on the extension pedal or released by toe touching one of the dual retractable plates. For best results, units should be used in pairs.

- Top Plate: dimension matches standard 02 Series caster top plate for easy installation
- Brake Shoe: Large, non-skid, molded rubber for solid, no-slip contact
- Foot Pedal: Adjusted by slight foot pressure for simple, instant locking
- Finish: Corrosion resistant zinc plate for long-use



Floor Lock Engaged



Floor Lock Disengaged

Get a Grip! NEW 02 Series Floor Locks.

ALBION®
www.albioninc.com





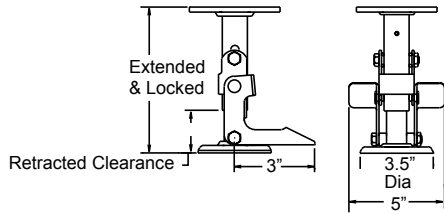
Standard Floor Locks

| Caster Wheel Diameter (Inches) | Caster Series Number | Caster Height (Inches) | Retracted Clearance | Approx. Wt. (Lbs) | Floor Lock Number |
|--------------------------------|----------------------|------------------------|---------------------|-------------------|-------------------|
|--------------------------------|----------------------|------------------------|---------------------|-------------------|-------------------|

Designed to hold portable equipment in a desired location. Intended for use on level surfaces. Floor lock is activated by toe pressure on the extension pedal or released by toe touching one of the dual retractable plates. The large non-skid brake pad, under high spring compression, holds the portable piece of equipment until released. For best results, units should be used in pairs.

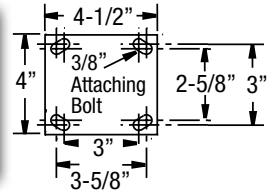
FEATURES

- **Top Plate:** Steel matching regular caster tops for easy installation
- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Corrosion resistant zinc plate for long-use



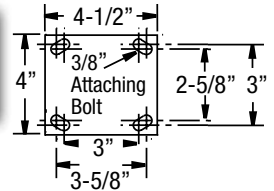
16 & 71 Series

| | | | | | |
|---|--------|--------|-----|-------|----------|
| 4 | 16, 71 | 5-5/8 | 3/4 | 3-1/4 | 16LF0480 |
| 5 | 16, 71 | 6-1/2 | 3/4 | 3-1/2 | 16LF0580 |
| 6 | 16 | 7-1/4 | 3/4 | 3-1/2 | 16LF0680 |
| 6 | 71 | 7-1/2 | 3/4 | 3-3/4 | 71LF0680 |
| 8 | 16 | 9-1/2 | 3/4 | 4 | 16LF0880 |
| 8 | 71 | 10-1/8 | 3/4 | 4-1/2 | 71LF0880 |



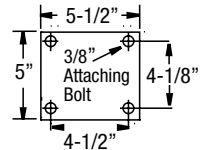
05 Stainless Steel Series

| | | | | | | |
|---|----|-------|-----|-------|----------|------|
| 4 | 05 | 5-5/8 | 3/4 | 3-1/4 | 05LF0480 | NEW! |
| 5 | 05 | 6-1/2 | 3/4 | 3-1/2 | 05LF0580 | |
| 6 | 05 | 7-1/2 | 3/4 | 3-3/4 | 05LF0680 | |
| 8 | 05 | 9-1/2 | 3/4 | 4 | 05LF0880 | |



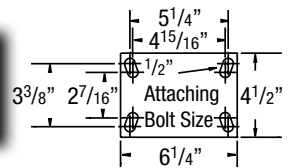
12 & 61 Series

| | | | | | |
|---|--------|-------|------|-------|----------|
| 4 | 12, 61 | 5-5/8 | 9/16 | 4 | 12LF0480 |
| 5 | 12, 61 | 6-1/2 | 1 | 4-1/4 | 12LF0580 |
| 6 | 12, 61 | 7-3/8 | 1 | 4-1/4 | 12LF0680 |
| 8 | 12, 61 | 9-1/2 | 1 | 4-3/4 | 12LF0880 |



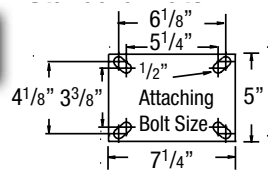
62, 63, 72, 81 Series

| | | | | | |
|---|----------------|--------|------|-------|----------|
| 4 | 62, 63, 72, 81 | 5-5/8 | 9/16 | 4 | 62LF0480 |
| 5 | 62, 63, 72, 81 | 6-1/2 | 1 | 4-1/4 | 62LF0580 |
| 6 | 62, 63, 72, 81 | 7-1/2 | 1 | 4-1/4 | 62LF0680 |
| 8 | 62, 63, 72, 81 | 10-1/8 | 1 | 4-1/2 | 62LF0880 |



90 Series

| | | | | | |
|---|----|--------|---|-------|----------|
| 6 | 90 | 8 | 1 | 6 | 90LF0680 |
| 8 | 90 | 10-1/2 | 1 | 6-1/2 | 90LF0880 |



LF Cast Iron Floor Locks

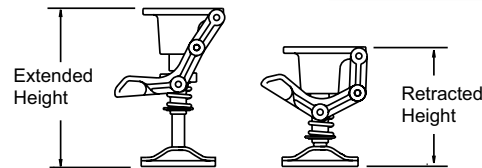
This lock allows you to immobilize equipment in any desired location, but does not interfere with its movement when not in use. Platform trucks, fixture dollies or other castered items can be locked in place by a simple press of the foot. Locking action is created when a large, round friction face of nearly 10 sq. inches in area is pressed against the floor with the force of 70 to 100 lbs. This position lock does not lift equipment.



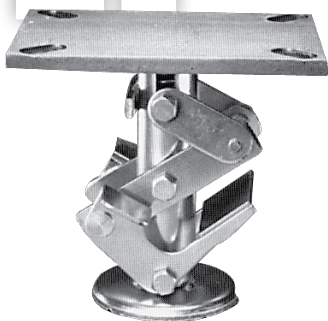
FEATURES

- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Painted

| Caster Wheel Diameter (Inches) | Extended Working Height (Inches) | Retracted Height (Inches) | Mounting Plate Size (Inches) | Bolt Hole Spacing (Inches) | Attaching Bolt Size (Inches) | Approx. Wt. (LBS) | Floor Lock Number |
|--------------------------------|----------------------------------|---------------------------|------------------------------|----------------------------|------------------------------|-------------------|-------------------|
| 4 | 5-5/8 | 5 | 3-11/16 x 5-3/8 | 2-5/8 x 3-5/8 | 3/8 | 7-3/4 | 920LF04548 |
| 5 | 6-1/2 | 5-7/8 | 3-11/16 x 5-3/8 | 2-5/8 x 3-5/8 | 3/8 | 8 | 930LF05650 |
| 5 | 7-9/32 | 6-21/32 | 3-11/16 x 5-3/8 | 2-5/8 x 3-5/8 | 3/8 | 8-1/4 | 930LF05728 |
| 5 | 7-5/8 | 6-1/2 | 4-1/2 x 6 | 2-7/16 x 4-15/16 | 1/2 | 10-1/4 | 930LF05762 |
| 6 | 7-3/8 | 6-3/4 | 3-11/16 x 5-3/8 | 2-5/8 x 3-5/8 | 3/8 | 8-1/4 | 940LF06737 |
| 6 | 7-1/2 | 6-7/8 | 3-11/16 x 5-3/8 | 2-5/8 x 3-5/8 | 3/8 | 8-1/4 | 940LF06750 |
| 6 | 7-1/2 | 6-3/8 | 4-1/2 x 6 | 2-7/16 x 4-15/16 | 1/2 | 10-1/2 | 940LF06751 |
| 6 | 7-25/32 | 6-21/32 | 4-1/2 x 6 | 2-7/16 x 4-15/16 | 1/2 | 10-1/2 | 940LF06778 |
| 6 | 8-1/8 | 7 | 4-1/2 x 6 | 2-7/16 x 4-15/16 | 1/2 | 10-1/2 | 940LF06812 |
| 8 | 9-1/2 | 8-3/8 | 4-1/2 x 6 | 2-7/16 x 4-15/16 | 1/2 | 10-1/2 | 950LF08950 |
| 8 | 9-1/2 | 8-7/8 | 3-11/16 x 5-3/8 | 2-5/8 x 3-5/8 | 3/8 | 9-1/2 | 950LF08951 |
| 8 | 9-7/8 | 8-3/4 | 4-1/2 x 6 | 2-7/16 x 4-15/16 | 1/2 | 10-1/2 | 950LF08987 |
| 8 | 10-5/16 | 9-3/16 | 5-3/8 x 7-1/4 | 3-3/8 x 5-1/4 | 1/2 | 15 | 950LF081031 |
| 8 | 10-1/2 | 9-5/8 | 5-3/8 x 7-1/4 | 3-3/8 x 5-1/4 | 1/2 | 15-1/4 | 950LF081050 |
| 10 | 11-1/2 | 10-3/8 | 4-1/2 x 6 | 2-7/16 x 4-15/16 | 1/2 | 11-1/2 | 980LF101150 |
| 10 | 12-1/2 | 11-3/8 | 5-3/8 x 7-1/4 | 3-3/8 x 5-1/4 | 1/2 | 15-1/4 | 980LF101250 |



LT Telescoping Floor Locks



Built with the same ease of use and precision as our standard floor locks, the telescoping floor lock offers greater retracted clearance for travelling over ramps and obstructions.

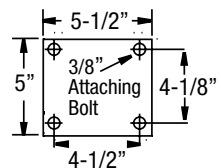
FEATURES

- **Top Plate:** Steel matching regular caster tops for easy installation
- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Corrosion resistant zinc plate for long-use

| Caster Wheel Diameter (Inches) | Caster Series Number | Caster Height (Inches) | Retracted Clearance (Inches) | Approx. Wt. (LBS) | Floor Lock Number |
|--------------------------------|----------------------|------------------------|------------------------------|-------------------|-------------------|
|--------------------------------|----------------------|------------------------|------------------------------|-------------------|-------------------|

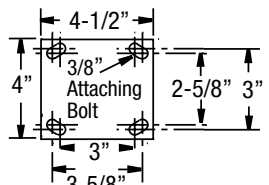
12 Series

| | | | | | |
|---|----|-------|-------|---|----------|
| 8 | 12 | 9-1/2 | 3-1/4 | 5 | 12LT0880 |
|---|----|-------|-------|---|----------|



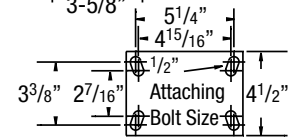
16 and 71 Series

| | | | | | |
|---|----|--------|-------|-------|----------|
| 8 | 16 | 9-1/2 | 3-1/4 | 4-1/4 | 16LT0880 |
| 8 | 71 | 9-1/2 | 3-1/8 | 4-1/2 | 71LT0880 |
| 8 | 71 | 10-1/8 | 3-1/8 | 4-1/2 | 71LT0881 |



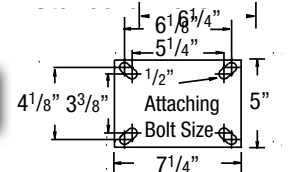
62 Series

| | | | | | |
|---|----|--------|-------|-------|----------|
| 8 | 62 | 9-1/2 | 3-1/4 | 4-3/4 | 62LT0880 |
| 8 | 62 | 10-1/8 | 3-1/4 | 4-3/4 | 62LT0881 |

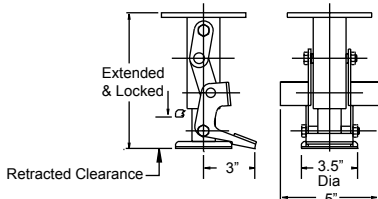


90 Series

| | | | | | |
|---|----|--------|-------|-------|----------|
| 8 | 90 | 9-1/2 | 3-1/8 | 6-3/4 | 90LT0880 |
| 8 | 90 | 10-1/2 | 3-1/8 | 6-3/4 | 90LT0881 |



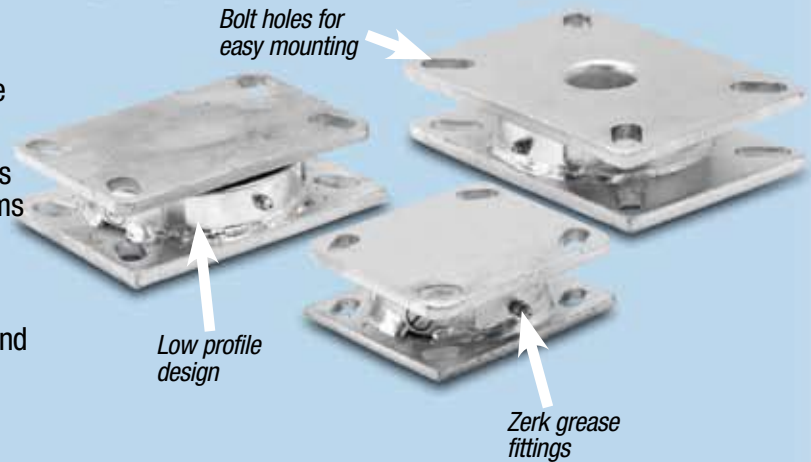
For custom floor lock configurations please consult factory.



Introducing Albion Shockmaster™ and Contender™ Turntables NEW MODEL!

Manufacturing • Packaging • Assembly • Repairs
Material Handling • Displays • Painting • More ...

- Capacity up to 10 tons
- A proven workhorse in the most abusive applications
- Maximize workspace ... enables workers to remain in one position and rotate items they're working with from all sides
- Zinc plated finish
- Kingpinless design for added strength and durability



| Part Number | Description | Top Plate Size (Inches) | Overall Height (Inches) | Capacity (pounds) |
|-------------|-------------|-------------------------|-------------------------|-------------------|
|-------------|-------------|-------------------------|-------------------------|-------------------|

Shockmaster™ Turntables

"Forged Steel" Construction • Plates are AISI 1045 steel one-piece forging precision machined and through-hardened. Bearings mounted on precision machined raceway

| | | | | |
|----------|---|-----------------|--------|-------|
| TT100000 | 1/4" thick mounting plates, 3/8" ball bearings | 4" X 4-1/2" | 1.73" | 1700 |
| TT300000 | 5/16" mounting plates, 1/2" ball bearings | 4-1/2" X 6-1/4" | 1.73" | 5500 |
| TT400000 | 3/8" thick mounting plates, 1/2" ball bearings | 5-1/4" X 7-1/4" | 1.73" | 5500 |
| TT600000 | 1/2" thick mounting plates, 3/4" ball bearings (4-1/2" raceway) | 6-1/4" X 7-1/4" | 2.75" | 10000 |
| TT700000 | 1/2" thick mounting plates, 3/4" ball bearings (7" raceway) | 8-1/2" X 8-1/2" | 3.125" | 20000 |

Contender™ Turntables

"Stamped Steel" Construction • Plates are AISI 1045 heat treated steel welded inside and out. Bearings mounted on heat-treated machined raceway

| | | | | |
|----------|---|-----------------|-------|------|
| TT110000 | 1/4" thick mounting plates, 3/8" ball bearings | 4" X 4-1/2" | 1.53" | 1400 |
| TT310000 | 5/16" mounting plates, 1/2" ball bearings | 4-1/2" X 6-1/4" | 1.75" | 4100 |
| TT410000 | 3/8" thick mounting plates, 1/2" ball bearings | 5-1/4" X 7-1/4" | 1.75" | 5400 |
| TT610000 | 1/2" thick mounting plates, 3/4" ball bearings (4-1/2" raceway) | 6-1/4" X 7-1/4" | 2.78" | 9500 |

ALBION®
www.albioninc.com
800-835-8911



We're not saying our bumpers will take a bullet for you like a secret service agent. But, Albion is pleased to announce a **new line of bumpers** that look good while protecting your equipment, walls and other structures 24 hours a day ... 7 days a week.

- Protects mobile equipment, stationary equipment, cargo and other structures from damage due to impacts
- Resistant to skidding, staining, marking
- Crack resistant & resilient
- Vibration & shock dampening
- Custom colors available



End (Round) Bumpers
Generally used on the ends of tubular handles. Protects equipment, walls, door facings and other structures.

NEW MODEL!

| Specification | Bumper Number |
|---|---------------|
| 3" diameter x 1" thick. Center diameter 1" | BP030411601 |
| Black 3-1/4" dia. x 7/8" thick. Center mounting bolt size 5/16" | BP30521201 |
| Grey 3-1/4" dia. x 7/8" thick. Center mounting bolt size 5/16" | BP30521202 |



End (Round) Bumpers
Economical model with no metal inserts.

| Specification | Bumper Number |
|--|---------------|
| 3-1/2" diameter x 5/8" thick. Center diameter 1" | BP16551001 |



Corner Bumpers
Protects wide variety of mobile equipment from bumps and scrapes. Steel inserts included for greater durability. Ends of bumpers can be cut at notched area to make square ends.

| Specification | Bumper Number |
|---|---------------|
| Black 7/8" thick x 1" high x 3-1/2" long from inside corner to sides; Holes for #10 screws. | BP08646401 |
| Grey 7/8" thick x 1" high x 3-1/2" long from inside corner to sides; Holes for #10 screws. | BP08646402 |



Reinforced Corner Bumpers
Similar to corner bumpers above but with extra material in main corner impact area

| Specification | Bumper Number |
|--|---------------|
| Black 1" thick x 1-1/16" high x 3-1/16" long from inside corner to sides | BP08707001 |
| Grey 1" thick x 1-1/16" high x 3-1/16" long from inside corner to side | BP08707002 |



End Cap Bumper Pad
Excellent protection for wood dollies. Easy slip-on installation.

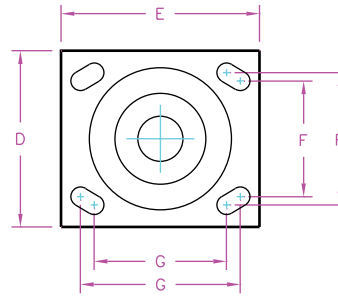
| Specification | Bumper Number |
|---|---------------|
| Inside dimension 18" x 3" (Reddish Brown) | BP040410001 |

Optional Features

We carry top plates with optional dimensions and bolt hole patterns. As shown in the chart, these will interchange with standard top plates. For an optional top plate not listed please consult factory. To order, begin with ST (swivel) or RT (Rigid) followed by the caster series number (i.e. 16) then end with the alpha designation (i.e. J).

Example: 16TM0620IS
ST16J
Swivel top(ST), 16 series (16), bolt hole center (J)

Example: 272PD0620IR
RT272D
Rigid top (RT), dual wheel (2), 72 series (72), bolt hole center (D)



Top Plate and Bolt Hole Center Chart

| F & G Bolt Hole Centers (Inches) | D & E Top Plate Size (Inches) | Attaching Bolt (Inches) | Series 12, 16 | Series 71 | Series 72 | Series 81 | Series 94 | Series 95 | Series 18, 100, 110 | Series 310, 410 | Series 400 |
|---|---------------------------------|-------------------------|---------------|-----------|-----------|-----------|-----------|-----------|---------------------|-----------------|------------|
| Slotted for 3 x 4 to 2-5/8 x 3-5/8 | 4 x 5 | 3/8 | J | J | | | | | | | |
| Slotted for 3-3/8 x 5-1/4 to 2-7/16 x 4-15/16 | 4-1/2 x 6-1/4 | 1/2 | K | | | | | | K | | |
| 2-1/8 x 4 | 4 x 5 | 3/8 | | G | | | | | | | |
| 3 x 3 | 4 x 4 | 3/8 | | H | | | | | | | |
| 3-1/4 x 6 | 4-1/2 x 7-1/4 | 1/2 | | | W | W | | | | | |
| 4-1/8 x 4-1/2 | 5 x 5-1/2 | 3/8 | D | | D | D | | | D (110 only) | | |
| 4-7/8 x 6-3/4 | Swivel 6-1/2 x 8 Rigid 6 x 8 | 5/8 | | | | | C | | | | |
| 7 x 9-3/4 | 8-1/2 x 11 | 5/8 | | | | | | T | | | |
| Slotted for 4-5/8 x 5-1/2 to 4-3/8 x 5-5/8 | 6 x 7 | 1/2 | | | | | | | | S | N |

Optional Overall Heights

| Series | Wheel Diameter (Inches) | Optional Height (Inches) | Swivel Lead (Inches) | Swivel Option Number | Rigid Option Number |
|------------|-------------------------|--------------------------|----------------------|----------------------|---------------------|
| 12, 16, 33 | 3-1/4 | 5-1/4 | 1-11/16 | HS42 | HR42 |
| 12, 16, 33 | 4 | 5-1/4 | 1-11/16 | HS86 | HR86 |
| 12, 16, 33 | 5 | 6-1/8 | 1-11/16 | HS-50 | HR50 |
| 12, 16, 33 | 5 | 6-3/4 | 1-3/4 | HS54 | HR54 |
| 12, 16, 33 | 6 | 6-7/8 | 2-1/2 | HS56 | HR56 |
| 12 | 6 | 7-1/4 | 1-3/4 | HS82 | HR82 |
| 16 | 6 | 7-3/8 | 1-3/4 | HS59 | HR59 |
| 16 | 6 | 7-1/2 | 1-7/8 | HS60 | HR60 |
| 62 | 6 | 7-3/4 | 1-3/4 | HS85 | HR85 |
| 12, 16 | 8 | 10 | 1-3/4 | HS81 | HR81 |
| 34, 62 | 8 | 9-1/2 | 2-1/4 | HS76 | HR76 |
| 34, 62 | 8 | 9-3/4 | 1-3/4 | HS83 | HR83 |
| 63 | 8 | 9-1/2 | 2-1/4 | HS84 | HR84 |
| 100 | 8 | 9-1/2 | 2-1/2 | HS89 | HR89 |

Replacement Parts

Axle and Bearing Components for Standard Models (Consult factory for parts not in this chart)

| Caster Series | Wheel Hub Length (Inches) | Axle Hollow | Axle Solid | NUT | Spanner Bushing | Lock Washer | Roller Bearing | Plain Retaining Washer | Sealed Retaining Washer | Nylon sealed combo-washer | Metal combo-washer | Thrust Washer |
|------------------------------------|---------------------------|--------------------|------------|----------|--------------------|-------------|--------------------|------------------------|-------------------------|---------------------------|--------------------|--------------------|
| DC, PC, P2, 02 Series | 1.25" | ZJ063502, ZJ063504 | | NL061600 | ZF060824, ZF060826 | | ZB081718 | WA081703 | | | | WA082400, WA082406 |
| 04 Series | 1.25" | ZJ063510 | | NJ061600 | ZF06082401 | | | | | | | |
| 05 Series | 2.188" | ZJ085600 | ZJ085603 | NJ081311 | ZF081240 | WA081401 | ZB12193001 | WA121904 | WA121990 | WA121905 | | WA122603 |
| 12,16,18,40, 61,62,71,72, 110,100 | 2.188" | ZJ085400 | ZJ085403 | NL082000 | ZF081239 | | ZB121930 | WA121900 | WA121990 | WA121905 | WA121999 | WA122600 |
| 42,61,62,72, 78 Series | 2.75" | ZJ086400 | ZJ086403 | NL082000 | ZF081248 | | ZB121940 | WA121900 | WA121990 | WA121905 | WA121999 | WA122600 |
| 63 Series | 2.75" | ZJ126800 | | NL121001 | ZF121648 | | ZB163140 | WA163103 | WA163190 | | WA163199 | WA163900 |
| 44,81,84,90, 92, 300,310, 400, 410 | 3.25" | ZJ127600 | | NL121001 | ZF121657, ZF162057 | | ZB163148, ZB203948 | WA163103, WA203103 | WA163190, WA203190 | | WA163199, | WA163900, WA204800 |
| 330 Series | 3.25" | ZJ12760009 | ZJ128010 | NJ121000 | ZF12165703 | WA122006 | ZB16314803 | WA16310304 | WA16319001 | | WA163199 | WA16390001 |
| 600 Series | 3.25" | | ZJ161496 | NL161403 | ZF162057 | | ZB203148, ZB203948 | WA203103, WA203903 | WA203190, WA203950 | | WA163199, | WA163900, WA204800 |
| 90,92, 600 Series | 4.25" | ZJ169601 | ZJ161496 | NL161403 | ZF162073 | | ZB203964 | WA203903 | WA203990 | | | WA204800 |

REPLACEMENT PARTS

Axle and Bearing Components for Standard Models (Consult factory for parts not in this chart) (Continued)

| Caster Series | Wheel Hub Length (Inches) | Precision Ball Bearing | Delrin Bearing (2 pieces) | Delrin Bearing (1 piece) | Bronze Bearing | Oilex Bearing | Drawn Cup Roller Bearing | Top Hat Spacer |
|--------------------------------------|---------------------------|------------------------|---------------------------|--------------------------|----------------|---------------|--------------------------|----------------|
| DC, PC, P2, 02 Series | 1.25" | | | | | | | |
| 04 Series | 1.25" | | | | | | | |
| 05 Series | 2.188" | | TF121912 | TF121934 | 0I121908 | Z0121935 | | |
| 12,16,18,40, 61,62,71,72, 78,110,100 | 2.188" | ZA081903, ZA081904, | TF121912 | TF121934 | 0I121908 | Z0121935 | ZX121930 | ZY0812001 |
| 42,61,62,72, 78 Series | 2.75" | | TF121912 | | 0I121908 | | | |



Replacement Parts



Tapered Roller Bearing

Tapered Roller Bearings and Spacers

| Kit Number | Cup Only Part Number* | Cone Only Part Number* | Bearing ID (Inches) | Bearing OD (Inches) | Notes | Spacer Number | Spacer ID (Inches) | Spacer OD (Inches) | Spacer Length (Inches) |
|------------|-----------------------|------------------------|---------------------|---------------------|----------|---------------|--------------------|--------------------|------------------------|
| ZT082200 | ZT082201 | ZT082202 | 0.500 | 1.375 | | ZM082800 | 0.500 | 1.750 | 0.000 |
| ZT122800 | ZT122801 | ZT122802 | 0.750 | 1.780 | | ZY121600 | 0.750 | 1.000 | 0.231 |
| ZT123100 | ZT123101 | ZT123102 | 0.750 | 1.938 | | ZY121600 | 0.750 | 1.000 | 0.231 |
| ZT163200 | ZT163202 | ZT163101 | 1.000 | 1.979 | | ZY162004 | 1.000 | 1.250 | 0.281 |
| ZT163900 | ZT163901 | ZT163902 | 1.000 | 2.438 | | ZY162005 | 1.000 | 1.250 | 0.313 |
| ZT203900 | ZT163901 | ZT203911 | 1.250 | 2.438 | Wider | ZY202406 | 1.250 | 1.500 | 0.348 |
| ZT203920 | ZT203901 | ZT203902 | 1.250 | 2.438 | Narrower | ZY202404 | 1.250 | 1.500 | 0.281 |
| ZT203940 | ZT203901 | ZT203802 | 1.250 | 2.438 | Sealed | SD203013 | 1.250 | 1.875 | 0.000 |
| ZT205000 | ZT205001 | ZT205002 | 1.250 | 3.125 | | ZY202606 | 1.250 | 1.625 | 0.375 |
| ZT244100 | ZT244102 | ZT244101 | 1.500 | 2.563 | | ZY242806 | 1.500 | 1.750 | 0.375 |
| ZT245000 | ZT205001 | ZT245001 | 1.500 | 3.125 | | ZY242806 | 1.500 | 1.750 | 0.375 |

* Purchased as kit only.

Other Bearing Types

| Bearing Part Number | Description of Bearing | Bearing ID (Inches) | Bearing OD (Inches) | Bearing Length (Inches) | Notes/Suggestions | Requires Part Number |
|---------------------|-------------------------|---------------------|---------------------|-------------------------|--------------------|-----------------------------------|
| ZA081900 | Industrial Ball | 0.500 | 1.188 | 1.875 | | ZY0812001 WA122600 or WA122603 |
| ZA081902 | Industrial Ball | 0.500 | 1.188 | 2.438 | Butt Bearing | |
| ZA081903 | Pedestal Precision Ball | 0.500 | 1.188 | 2.438 | Pedestal Bearing | |
| ZA081904 | Precision Ball | 0.500 | 1.188 | 2.438 | Pedestal Bearing | |
| ZA122500 | Precision Ball | 20mm | 40mm | Any | 6203-2RS | |
| TF121912 | Delrin | 0.750 | 1.188 | Any | Not with Cam Brake | |
| TF121934 | Delrin | 0.750 | 1.188 | 2.438 | | |
| OH121912 | Bronze | 0.750 | 1.188 | Any | | |
| ZO081722 | Oil impregnated iron | 0.500 | 1.063 | 1.250 | | |
| ZO081926 | Oil impregnated iron | 0.500 | 1.188 | 1.875 | | |
| ZO081935 | Oil impregnated iron | 0.500 | 1.188 | 2.438 | | |
| ZO101926 | Oil impregnated iron | 0.625 | 1.188 | 1.875 | | |
| ZO101935 | Oil impregnated iron | 0.625 | 1.188 | 2.438 | | |
| ZO121926 | Oil impregnated iron | 0.750 | 1.188 | 1.875 | | |
| ZO121935 | Oil impregnated iron | 0.750 | 1.188 | 2.438 | | |



Oilex Bearing
(Oil impregnated iron)

Replacement Parts

Straight Roller Bearing and Retaining Washers

REPLACEMENT PARTS



Roller Bearing

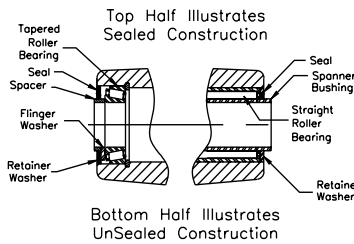


Nylon Sealed Retaining Thrust Washer



Powdered Iron Step Retaining Thrust Washer

Line drawing (below) section view shows typical wheel hub construction with sealed straight and tapered roller bearings. Note spacer tubes are used with tapered roller bearings which increases hub length 1/4" and facilitates proper loading of cup to cone. For non-sealed construction, seal is replaced with retainer and flinger washers.



| Part Number | Roller Bearing ID (Inches) | Roller Bearing OD (Inches) | Roller Bearing Length (Inches) | Plain Retaining Washer Number | Rubber Sealed Retaining Washer | Nylon Combo Washer Number | Sintered Iron Combo Washer Number | Washer ID (inches) | Washer OD (inches) |
|-------------|----------------------------|----------------------------|--------------------------------|-------------------------------|--------------------------------|---------------------------|-----------------------------------|--------------------|--------------------|
| ZB081718 | 0.500 | 1.063 | 1.125 | WA081703 | WA081790 | | | 0.500 | 1.063 |
| ZB081922 | 0.500 | 1.188 | 1.375 | WA121900 | | | | 0.500 | 1.188 |
| ZB081930 | 0.500 | 1.188 | 1.875 | WA121900 | | | | 0.500 | 1.188 |
| ZB081932 | 0.500 | 1.188 | 2.000 | WA121900 | | | | 0.500 | 1.188 |
| ZB101922 | 0.625 | 1.188 | 1.375 | WA121900 | WA101990 | | | 0.625 | 1.188 |
| ZB101930 | 0.625 | 1.188 | 1.875 | WA121900 | WA101990 | | | 0.625 | 1.188 |
| ZB101932 | 0.625 | 1.188 | 2.000 | WA121900 | WA101990 | | | 0.625 | 1.188 |
| ZB101940 | 0.625 | 1.188 | 2.500 | WA121900 | WA101990 | | | 0.625 | 1.188 |
| ZB121920 | 0.750 | 1.188 | 1.250 | WA121900 | WA121990 | WA121905 | WA121999 | 0.750 | 1.188 |
| ZB121930 | 0.750 | 1.188 | 1.875 | WA121900 | WA121990 | WA121905 | WA121999 | 0.750 | 1.188 |
| ZB12193001* | 0.750 | 1.188 | 1.875 | WA121904 | | WA121905 | | 0.750 | 1.188 |
| ZX121930 | 0.750 | 1.188 | 1.875 | WA121900 | WA121990 | WA121905 | WA121999 | 0.750 | 1.188 |
| ZB121940 | 0.750 | 1.188 | 2.438 | WA121900 | WA121990 | WA121905 | WA121999 | 0.750 | 1.188 |
| ZB142332 | 0.875 | 1.438 | 2.000 | WA162303 | WA142390 | | | 0.875 | 1.438 |
| ZB162328 | 1.000 | 1.438 | 1.750 | WA162303 | WA162390 | | | 1.000 | 1.438 |
| ZB162332 | 1.000 | 1.438 | 2.000 | WA162303 | WA162390 | | | 1.000 | 1.438 |
| ZB163136 | 1.000 | 1.938 | 2.250 | WA163103 | WA163190 | | WA163199 | 1.000 | 1.938 |
| ZB163140 | 1.000 | 1.938 | 2.500 | WA163103 | WA163190 | | WA163199 | 1.000 | 1.938 |
| ZB163148 | 1.000 | 1.938 | 3.000 | WA163103 | WA163190 | | WA163199 | 1.000 | 1.938 |
| ZB163164 | 1.000 | 1.938 | 4.000 | WA163103 | WA163190 | | WA163199 | 1.000 | 1.938 |
| ZB183148 | 1.125 | 1.938 | 3.000 | WA203103 | | | WA203199 | 1.250 | 1.938 |
| ZB203140 | 1.250 | 1.938 | 2.500 | WA203103 | WA203190 | | WA203199 | 1.250 | 1.938 |
| ZB203148 | 1.250 | 1.938 | 3.000 | WA203103 | WA203190 | | WA203199 | 1.250 | 1.938 |
| ZB203164 | 1.250 | 1.938 | 4.000 | WA203103 | WA203190 | | WA203199 | 1.250 | 1.938 |
| ZB203948 | 1.250 | 2.438 | 3.000 | WA203903 | WA203990 | | | 1.250 | 2.438 |
| ZB203964 | 1.250 | 2.438 | 4.000 | WA203903 | WA203990 | | | 1.250 | 2.438 |
| ZB203980 | 1.250 | 2.438 | 5.000 | WA203903 | WA203990 | | | 1.250 | 2.438 |
| ZB243948 | 1.500 | 2.438 | 3.000 | WA243903 | WA243990 | | | 1.500 | 2.438 |
| ZB243964 | 1.500 | 2.438 | 4.000 | WA243903 | WA243990 | | | 1.500 | 2.438 |
| ZB243980 | 1.500 | 2.438 | 5.000 | WA243903 | WA243990 | | | 1.500 | 2.438 |
| ZB284964 | 1.625 | 3.063 | 4.000 | WA284903 | | | | 1.750 | 3.063 |
| ZB284980 | 1.625 | 3.063 | 5.000 | WA284903 | | | | 1.750 | 3.063 |
| ZB325264 | 2.000 | 3.250 | 4.000 | WA325203 | | | | 2.000 | 3.250 |
| ZB325280 | 2.000 | 3.250 | 5.000 | WA325203 | | | | 2.000 | 3.250 |

* Stainless Steel

Note: Straight roller bearings include roller assembly with split outer race but does not include the retaining washers. Retaining washers are ordered separately in quantities of 2 per wheel.

Axles and Nuts



Solid Axle & Nut
ZJ085409
Shown



Hollow Axle & Nut
ZJ085408
Shown

| Axle Part Number | Type | Matching Nut | Matching Lock Washer | Diameter (Inches) | Length (Inches) | Threads (Per Inch) | Notes |
|------------------|--------|--------------|----------------------|-------------------|-----------------|--------------------|-----------------|
| ZJ063502 | Hollow | NL061600 | | 0.375 | 2.188 | 16 | No Grease Zerk |
| ZJ063504 | Hollow | NL061600 | | 0.375 | 2.188 | 16 | |
| ZJ083510 | Solid | NJ061600 | | 0.375 | 2.188 | 16 | Stainless Steel |
| ZJ084500 | Hollow | NL082000 | | 0.500 | 2.813 | 20 | |
| ZJ085400 | Hollow | NL082000 | | 0.500 | 3.375 | 20 | |
| ZJ085403 | Solid | NL082000 | | 0.500 | 3.375 | 20 | |
| ZJ085600 | Hollow | NJ081311 | WA081401 | 0.500 | 3.500 | 13 | Stainless Steel |
| ZJ085603 | Solid | NJ081311 | WA081401 | 0.500 | 3.500 | 13 | Stainless Steel |
| ZJ086400 | Hollow | NL082000 | | 0.500 | 4.000 | 20 | |
| ZJ086403 | Solid | NL082000 | | 0.500 | 4.000 | 20 | |
| ZJ087200 | Solid | NL082000 | | 0.500 | 4.500 | 20 | |
| ZJ105610 | Hollow | NL101800 | | 0.625 | 3.500 | 18 | |
| ZJ126802 | Hollow | NL121001 | | 0.750 | 4.250 | 12 | |
| ZJ127600 | Hollow | NL121001 | | 0.750 | 4.750 | 12 | |
| ZJ127603 | Solid | NL121001 | | 0.750 | 4.750 | 12 | |
| ZJ168000 | Solid | NL161403 | | 1.000 | 5.000 | 14 | |
| ZJ169601 | Hollow | NL161403 | | 1.000 | 6.000 | 14 | |
| ZJ169602 | Solid | NL161403 | | 1.000 | 6.000 | 14 | |

Hollow axles have zerk fitting for lubrication and solid axles are without lubrication fitting. All axles come complete with lock nut. Consult factory for optional slotted nuts and lock pins.

Replacement Parts

Spanner Bushings & Thrust Washers

REPLACEMENT PARTS



Spanner Bushing



Nylon Sealed Retaining Thrust Washer



Powdered Iron Step Retaining Thrust Washer

| Part Number | Spanner Bushing ID (Inches) | Spanner Bushing OD (Inches) | Spanner Bushing Length (Inches) | Spanner Material | Lubrication Holes | Matching Thrust Washers | Washer I.D. (Inches) | Washer O.D. (Inches) |
|-------------|-----------------------------|-----------------------------|---------------------------------|------------------|-------------------|-------------------------|----------------------|----------------------|
| ZF060824 | 0.375 | 0.500 | 1.500 | Stainless | 1 | WA082406 | 0.500 | 1.500 |
| ZF06082401 | 0.375 | 0.500 | 1.500 | | 1 | | | |
| ZF060826 | 0.375 | 0.500 | 1.625 | | 1 | WA082400 | 0.500 | 1.500 |
| ZF081030 | 0.500 | 0.625 | 1.875 | | 2 | WA102400 | 0.625 | 1.500 |
| ZF081033 | 0.500 | 0.625 | 2.063 | | 2 | WA102400 | 0.625 | 1.500 |
| ZF081036 | 0.500 | 0.625 | 2.250 | | 2 | WA102400 | 0.625 | 1.500 |
| ZF081038 | 0.500 | 0.625 | 2.375 | | 2 | WA102400 | 0.625 | 1.500 |
| ZF081039 | 0.500 | 0.625 | 2.438 | | 2 | WA102400 | 0.625 | 1.500 |
| ZF081046 | 0.500 | 0.625 | 2.875 | | 2 | WA102400 | 0.625 | 1.500 |
| ZF081230 | 0.500 | 0.750 | 1.875 | | 2 | WA122600 | 0.750 | 1.625 |
| ZF081236 | 0.500 | 0.750 | 2.250 | 2 | WA122600 | 0.750 | 1.625 | |
| ZF081238 | 0.500 | 0.750 | 2.375 | 2 | WA122600 | 0.750 | 1.625 | |
| ZF081239 | 0.500 | 0.750 | 2.438 | Stainless | 2 | WA122600 | 0.750 | 1.625 |
| ZF081240 | 0.500 | 0.750 | 2.438 | | 2 | WA122603 | 0.750 | 1.625 |
| ZF081248 | 0.500 | 0.750 | 3.000 | | 2 | WA122600 | 0.750 | 1.625 |
| ZF081264 | 0.500 | 0.750 | 4.000 | | none | WA122600 | 0.750 | 1.625 |
| ZF101239 | 0.625 | 0.750 | 2.438 | | 2 | WA122600 | 0.750 | 1.625 |
| ZF121648 | 0.750 | 1.000 | 3.000 | | 2 | WA163900 | 1.000 | 2.438 |
| ZF121657 | 0.750 | 1.000 | 3.500 | | 2 | WA163900 | 1.000 | 2.438 |
| ZF121664 | 0.750 | 1.000 | 4.000 | | none | WA163900 | 1.000 | 2.438 |
| ZF121677 | 0.750 | 1.000 | 4.812 | | none | WA163900 | 1.000 | 2.438 |
| ZF162057 | 1.000 | 1.250 | 3.563 | | none | WA203903 | 1.250 | 2.438 |
| ZF162073 | 1.000 | 1.250 | 4.563 | none | WA204800 | 1.250 | 3.000 | |
| ZF162089 | 1.000 | 1.250 | 5.563 | none | WA204800 | 1.250 | 3.000 | |
| ZF202458 | 1.250 | 1.500 | 3.563 | none | WA245600 | 1.500 | 3.500 | |
| ZF202473 | 1.250 | 1.500 | 4.563 | none | WA245600 | 1.500 | 3.500 | |
| ZF202489 | 1.250 | 1.500 | 5.563 | none | WA245600 | 1.500 | 3.500 | |

All spanner bushings are hardened to form precision inner race for roller bearings. Except as noted by "none", all spanner bushings are cross drilled for lubrication through hollow axle. Thrust washers are hardened. They are not part of the spanner bushing assembly and must be ordered separately. Thrust washers are not required with ball bearings, 2 piece delrin bearings, or with combo washers.



PARTS FOR EMPIRE 15 AND 60 SERIES RIGS

AXLES AND NUTS



Hollow Axle & Nut

Solid Axle & Nut

| Axle Number | Type | Matching Nut | Diameter (inches) | Length (inches) | Threads (per inch) |
|-------------|--------|--------------|-------------------|-----------------|--------------------|
| ZJ085400 | Hollow | NL082000 | 0.500 | 3.375 | 20 |
| ZJ085403 | Solid | NL082000 | 0.500 | 3.375 | 20 |

SPANNERS AND THRUST WASHERS



Spanner Bushing

| Spanner Number | Spanner ID (inches) | Spanner OD (inches) | Spanner Length (inches) | Lubrication Holes | Matching Thrust Washers | Washer ID (inches) | Washer OD (inches) |
|----------------|---------------------|---------------------|-------------------------|-------------------|-------------------------|--------------------|--------------------|
| ZF081239 | 0.500 | 0.750 | 2.438 | 2 | WA122600 | 0.750 | 1.625 |

ROLLER BEARINGS & RETAINER WASHERS



| Bearing Number | Bearing ID (inches) | Bearing OD (inches) | Bearing Length (inches) | Plain Retaining Washer | Rubber Sealed Retaining Washer | Nylon Combo Washer | Sintered Iron Combo Washer | Washer ID (inches) | Washer OD (inches) |
|----------------|---------------------|---------------------|-------------------------|------------------------|--------------------------------|--------------------|----------------------------|--------------------|--------------------|
| ZB121930 | 0.750 | 1.188 | 1.875 | WA121900 | WA121990 | WA121905 | WA121999 | 0.750 | 1.188 |

DELTRIN BEARINGS (IB POLYPROPYLENE WHEELS ONLY)



| Bearing Number | Bearing ID (inches) | Bearing OD (inches) | Bearing Length (inches) |
|----------------|---------------------|---------------------|-------------------------|
| TF121912 | 0.750 | 1.188 | .75 |

NOTE: Two piece Delrin bearing (spanner not included)



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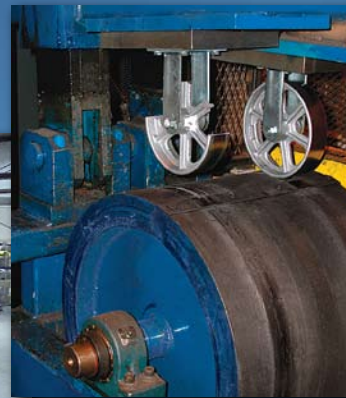
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