

ALBION CASTER CATALOG



ALBION®

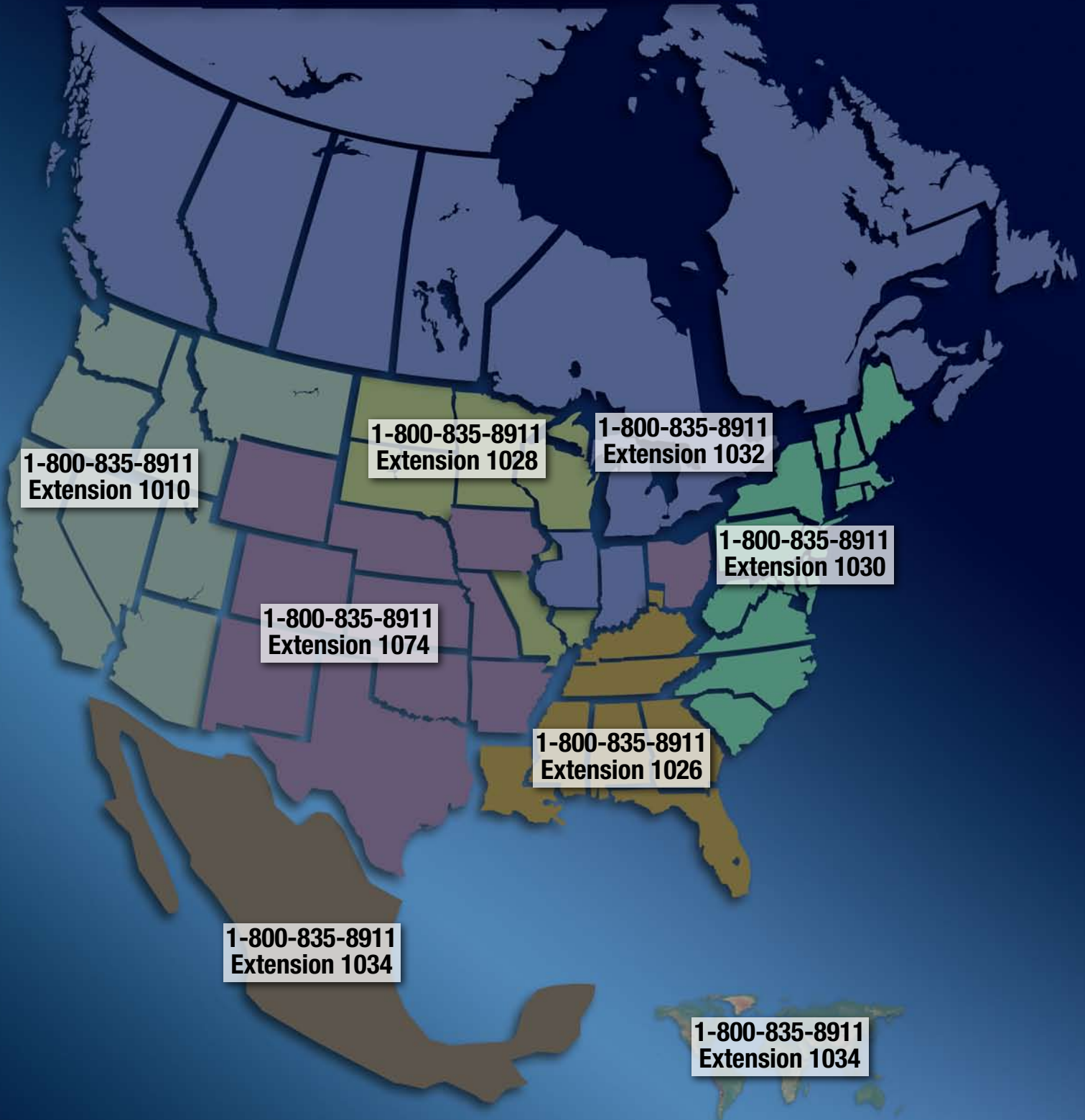
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ALBION SALES REGIONS



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Green is popular model

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

ALBION®
800-835-8911





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 ERGOonomic 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



See page 204

ALBION®

www.albioninc.com

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)
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Drop Forged Steel
(FS), (FH)
Page 152



Ductile
(FM), (FR), (VM 151)
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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
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Phenolic Tread Wheels



Phenolic (TH), (TS), (TM), Pages 158-160

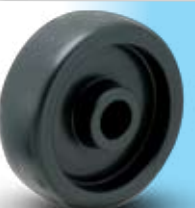


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High Temp Phenolic (TR) Pages 159-160

Polypropylene Tread Wheels



Polypropylene (PB) Page 161



White Polypropylene (PW) Page 161

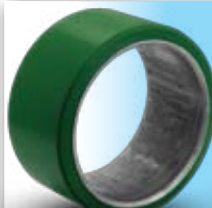


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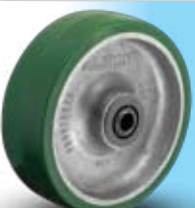
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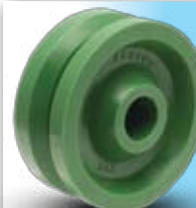
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Round Tread Polyurethane on Aluminum Core (PM) Page 171



Polyurethane V-Groove (XV)
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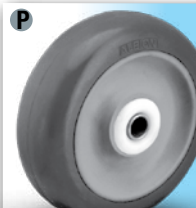
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Polyurethane on Polypropylene (XA)
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Light Duty Polyurethane on Polypropylene (XA) Page 176

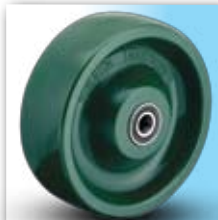


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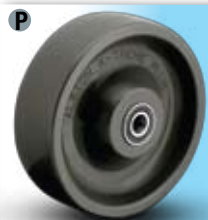
P = Prevenz Antimicrobial models available.

Wheel Selection Guide

Polyurethane Tread Wheels Continued



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X-Treme Plus Solid Polyurethane (XP)
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Vulkollan® on Cast Iron (VY)
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Thick Tread Vulkollan® on Cast Iron (VX)
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Mold-On Rubber Aluminum Core (MD)
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Rubber (RR/RN)
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Rubber Tread Wheels



Heavy Duty Mold-On Rubber on Iron Core (MH)
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High Temp Rubber on Phenolic (MZ)
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Rubber Press On Tire (OA)
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Full Pneumatic Black (SF), Gray (SG)
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Brass Full Pneumatic Gray & Black Tread (SF)
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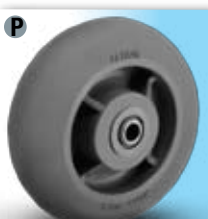


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Empire Wheels Continued



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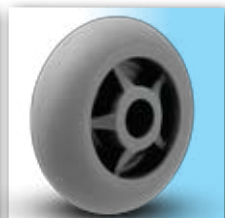
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Polyurethane on Polypropylene Round (IZ)
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TPR on Polypropylene Flat (IS)
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TPR on Polypropylene Round (IR)
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P = Prevenz Antimicrobial models available.

Wheel Selection Chart

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.



Oillex (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: _____

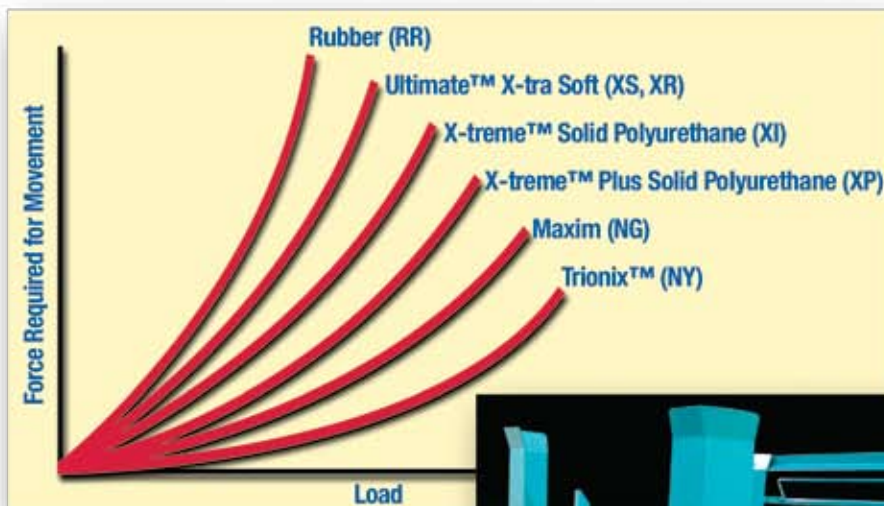
Additional Operating Information: _____

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

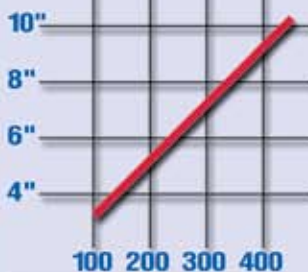
Completely sealed, precision ground ball bearings constructed with hardened raceways to give you the ultimate in rolling ease. Lowest rolling resistance of all of our bearings. Never needs to be lubricated to cut maintenance time and cost.



Precision Ball bearing (Specify Bearing #28)

Pedestal Precision Ball Bearing (Specify #29)

Minimum Recommended Wheel Diameter for Load



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?

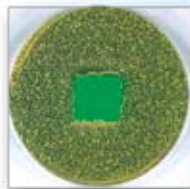
The antimicrobial compound used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew, and fungi. The active ingredients neutralize the ability of microbes to function, grow and reproduce.

How long does the protection last?

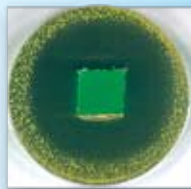
Prevenz™ is engineered to be effective against microbes for the life of the wheel. The agent remains stored in the polymer and is gradually released to the surface of the wheel.

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?

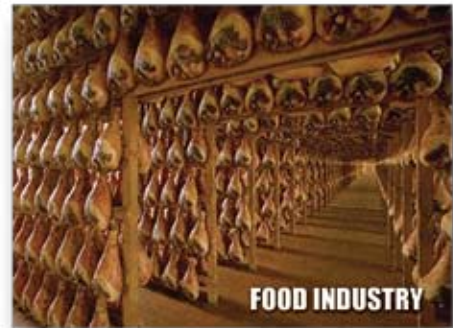
Yes. The active ingredients in Prevenz™ have undergone extensive laboratory testing and have been proven safe. The active ingredient has a history of hospital use for more than 25 years and is used in a broad range of popular personal care products, such as antimicrobial soap, toothpaste and deodorant. 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.



MEDICAL



CLEAN INDUSTRIAL



FOOD INDUSTRY

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.



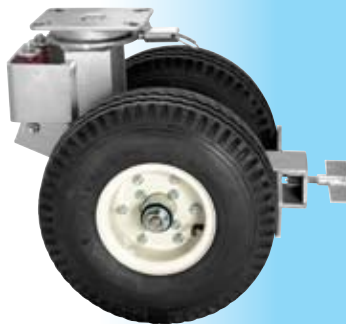
Multi-Wheel Casters

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.



DC Institutional Casters 20
Capacity to 350 lbs



Empire F2 and F4 Introduction . . . 21

NEW MODEL!



F2 General Duty Plate Casters . . . 22
Capacity to 255 lbs.



F4 General Duty Plate Casters . . . 23-24
Capacity to 325 lbs.



F4 General Duty Stem Casters . . . 25
Capacity to 325 lbs.



F4 High Temp. Bakery Casters . . . 26
Capacity to 185 lbs. **NEW MODEL!**



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



P2 Precision Light Duty 28
Casters, Capacity to 250 lbs.



PC Prestige™ Polymer
Casters, Capacity to 300 lbs. . . . 29



01 Light Duty Casters 30
Capacity to 300 lbs.



02 Institutional Casters 31-32
Capacity to 350 lbs.



02 Shopping Cart Casters 33
Capacity to 350 lbs.



03 Air Cargo Casters
Capacity to 450 lbs 34



04 Stainless Light Duty Casters . . 35-36
Capacity to 350 lbs.



Fallshaw Introduction 37

NEW MODEL!



Fallshaw Numbering System . . . 38
and ColorWorks System



Fallshaw K Series 39
Capacity to 120



Fallshaw M Series 40-41
Capacity to 330



Fallshaw J Series. 42-43
Capacity to 660



Fallshaw O Series 44-45
Capacity to 660



Fallshaw Arc Light Duty 46
Deluxe Series, Capacity to 110



Fallshaw Arc Medium Duty. 47
Deluxe Series, Capacity to 110



Fallshaw Zen Light Duty. 48
Deluxe Series, Capacity to 110



Fallshaw Zen Medium Duty 49
Deluxe Series, Capacity to 110



Fallshaw Applications 50

CN

MedCaster NeoTeq Casters



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

TYPICAL APPLICATIONS

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

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

BRAKE OPTIONS

Total Lock
see individual charts

BEARING



Precision Ball
(28)

CN SERIES • CAPACITY TO 175

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal 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.

Hollow Kingpin Neoprene Rubber (28 Precision Ball Bearing)



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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on normal 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.

Threaded Stem Neoprene Rubber (28 Precision Ball Bearing)



Free Swivel	Total Lock
3 1 175 4 2-13/16 CN-03NRP-100-SW-TS06	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	Total Lock
2 1 125 2-11/16 2 CN-02NRP-100-SW-GR01	2 1 125 2-11/16 2 CN-02NRP-100-TL-GR01
3 1 175 4 2-13/16 CN-03NRP-100-SW-GR01	3 1 175 4 2-13/16 CN-03NRP-100-TL-GR01

CN

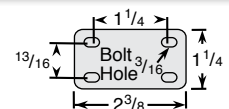
Grip Ring is 7/16" diameter x 7/8" tall grip ring.

Top Plate Neoprene Rubber (28 Precision Ball Bearing)



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

CN



DC

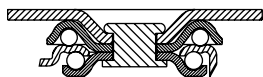
Institutional Casters



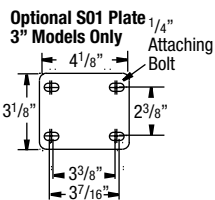
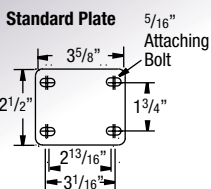
Albion DC Series casters are ideal for the institutional markets. These models include custom interlocking thread guards and non-marking wheels.

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

BEARING

Annular Ball (31)

RIG OPTIONS

NSF listed for food service industry (Consult Factory)

BRAKE OPTIONS

Face Contact
specify **F**



- Economical
- Non Marking
- Custom Thread Guards

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.

TPR Rubber (31 Annular Ball Bearing)



XS

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

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!

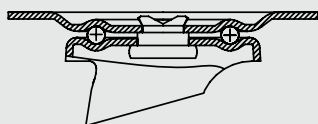


An excellent general purpose economical caster. F2 models feature single ball raceways.

TYPICAL APPLICATIONS

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

Swivel Cross Section



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

BRAKE OPTIONS
Side Brake
specify B



BEARING OPTIONS

Plain Bore
Bearing (41)



Roller (01)

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) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Caster Number
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

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

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)	Caster Number
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

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

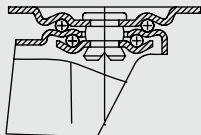
- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Fully hardened double ball bearing raceways
- **Kingpin:** 1/2" hydraulically formed steel rivet
- **Axle:** 3/8" diameter hollow axle with lock nut
- **Finish:** All rigs are zinc 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)		
4" (100mm) & 5" (125mm)		
4" (100mm) & 5" (125mm) ER Wheel Models Only		

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)	Caster Number
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

Thermoplastic Rubber (41 Plain Bore Bearing)



IS

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)	Caster Number
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

Polypropylene (41 Plain Bore Bearing)



IB

Polyurethane (41 Plain Bore Bearing)



IX

Soft Rubber (41 Plain Bore Bearing)



RR

Elastic Rubber (01 Roller Bearing)

Sealed Swivel and thread guards for added protection.



ER

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!



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

Thermoplastic Rubber with Brake (41 Plain Bore Bearing)



IS

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

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

Polypropylene with Brake (41 Plain Bore Bearing)



IB

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

Polyurethane with Brake (41 Plain Bore Bearing)



IX

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

Soft Rubber with Brake (41 Plain Bore Bearing)



RR

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

Elastic Rubber with Total Lock Brake (01 Roller Bearing)



ER

Sealed Swivel and thread guards
for added protection.

4	1	300	5 1/4	1 3/8	F4ER04001ST
5	1	300	6 1/4	1 3/8	F4ER05001ST

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

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

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

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

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

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

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

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

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

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

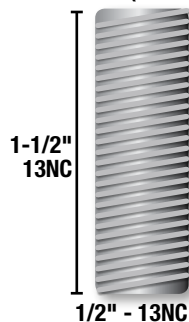
RR

Threaded Stem Options

Optional stems available

Stems are Actual Size

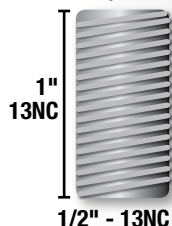
Standard
S31 (3" dia.)
S41 (4" dia.)
S51 (5" dia.)



S36 (3" dia.)
S46 (4" dia.)
S56 (5" dia.)



S32 (3" dia.)
S42 (4" dia.)
S52 (5" dia.)



S37 (3" dia.)
S47 (4" dia.)
S57 (5" dia.)



S38 (3" dia.)
S48 (4" dia.)
S58 (5" dia.)



S39 (3" dia.)
S49 (4" dia.)
S59 (5" dia.)



F4

F4 Style High Temperature Bakery Casters

NEW MODEL!



Red tread rubber on diecast aluminum (MV)

Black tread rubber on high temperature phenolic available (MZ)

FEATURES

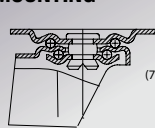
- Excellent Wheels for Bakery Racks
- Soft Tread Wheels Protect Your Floors
- Economical
- Handles the Heat
- Rolls quietly
- Temperature Range: -40° to 485°F intermittent (285°F continuous use)
- Typical applications include: Food Service, Pharmaceuticals, Laboratories, Hospitals

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

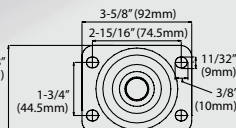
TYPICAL APPLICATIONS

- Food Service
- Pharmaceuticals
- Laboratories
- Hospitals

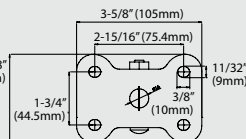
MOUNTING



Cross Section



Swivel



Rigid



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)	Overall Height (Inches)	Swivel Lead (Inches)	Caster Number
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)	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.



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)	Overall Height (Inches)	Swivel Lead (Inches)	Caster Number
4	1-3/16	185	5-1/8	N/A	F4MZ04041R

Rubber on High Temperature Phenolic (MZ)



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

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**

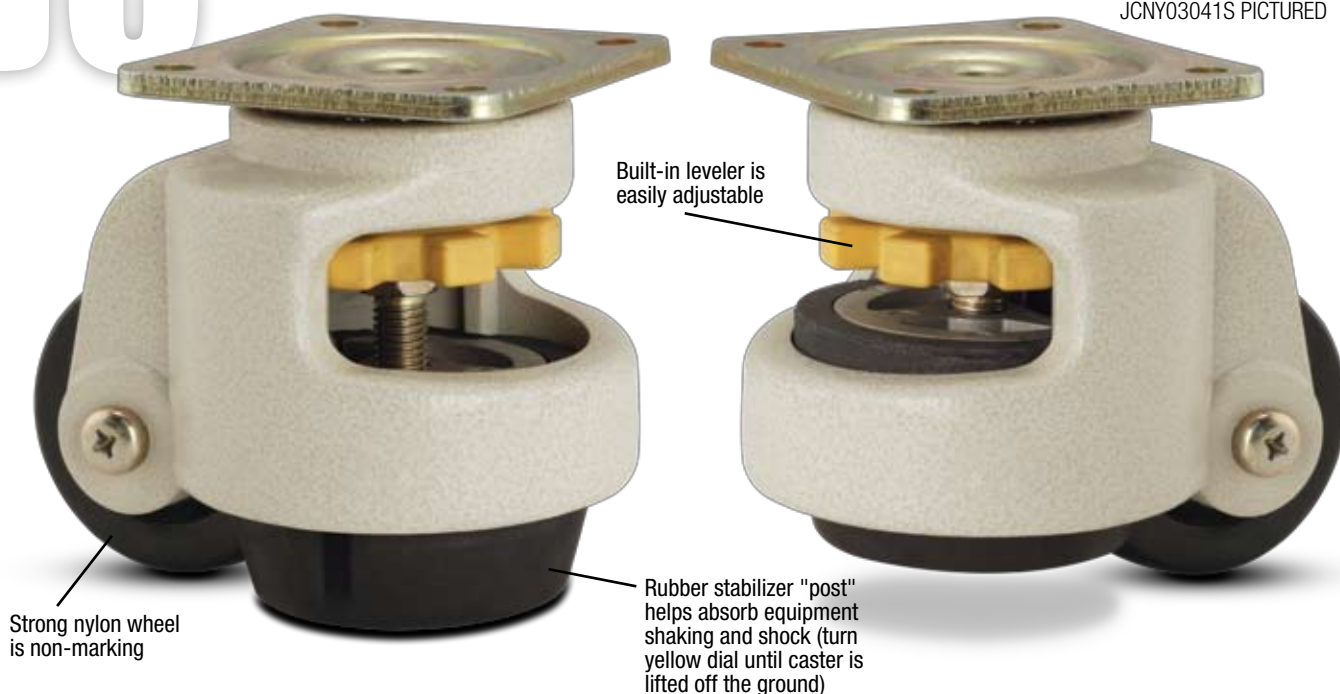
Important Note: Caster wheel does not fit standard F4 series caster models. You must order these special F4 rigs for MV/MZ wheels.

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

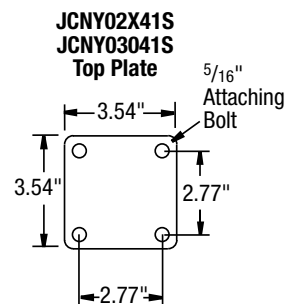
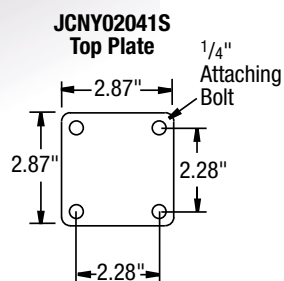
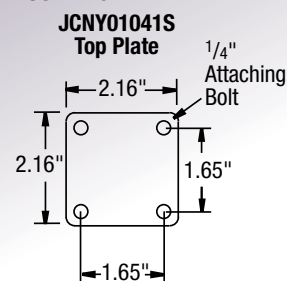
FEATURES

- 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

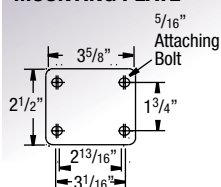


The smoothest operation available for light duty products. The sealed precision bearing in the swivel section offers quiet maintenance-free operation.

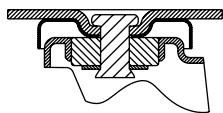
TYPICAL APPLICATIONS

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

MOUNTING PLATE



SWIVEL CROSS SECTION



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

BRAKE OPTIONS

Face Contact
specify F



Total Lock
specify T

- Ergonomic Caster
- Smooth, Quiet Operation
- Maintenance Free

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

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

NEW PRODUCT!



XR

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

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



XS

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

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

Polyurethane on Polypropylene (31 Annular Ball Bearing)



XA

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

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

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-tra Soft Rubber
Flat Tread

PC

Prestige™ High Impact Polymer Casters



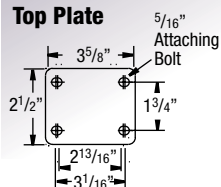
New Prestige™ casters are designed with high impact glass-filled nylon. Perfect for washdowns or corrosive environments.

TYPICAL APPLICATIONS

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

MOUNTING OPTIONS

Top Plate



Threaded Stem: 1/2" - 13 x 1

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

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

PC SERIES • CAPACITY TO 300

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

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**

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**

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

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

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

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

Hard Rubber (41 Plain Bore)



RN

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

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

Polyolefin (41 Plain Bore)



PB

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

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

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

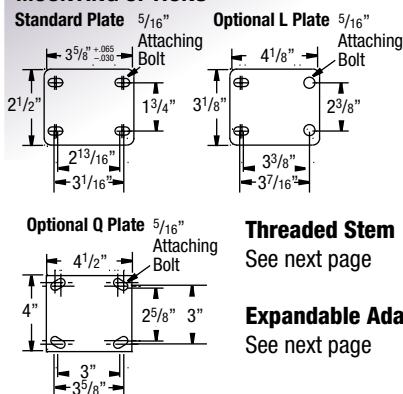


Easy rolling, double ball bearing casters are ideally suited for virtually any operation where a smooth rolling, highly maneuverable, economical caster is required. Heat treated design delivers extended life and performance.

TYPICAL APPLICATIONS

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

MOUNTING OPTIONS



Threaded Stem
See next page

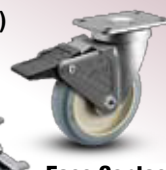
Expandable Adapter
See next page

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.

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

*Oillex (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.

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

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.

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

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

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

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).

XS

Prevenz™ antimicrobial models available. Add PREV to end of 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	1.75	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

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.



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.

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

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

POPULAR MODEL!

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

PB

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

POPULAR MODEL!

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

XA

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 (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

Expandable Adapter Kits

NEW PRODUCT!

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



Stem Description For

Round and Square Tubing	Kit Number
3/4" to 7/8" (19.1mm to 22.2mm)	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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
5	1 1/4	350	5 7/8	1 1/2	2 1/4	02XB05031S009
5	1 1/4	350	5 7/8	1 1/2	2 1/4	02XB05031S008

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.



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
5	1 1/4	350	5 7/8	1 1/2	2 1/4	02XB05031S009
5	1 1/4	350	5 7/8	1 1/2	2 1/4	02XB05031S008

Threaded Stem Model (Dual Ball Bearings with Thread Guards)

Square Stem Model (Dual Ball Bearings with Thread Guards)

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.



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



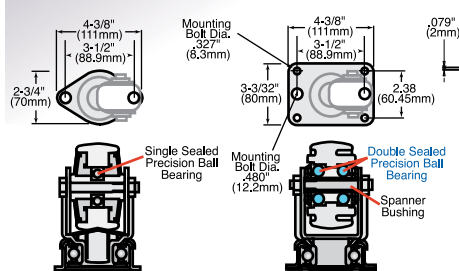
Three quality levels to meet all of your air cargo conveyor needs. **Priority Premier™** is built to exceptional manufacturing standards. **Priority** features precision bearings in wheel and raceway. **Priority Economy** casters provide dependability on a budget.

TYPICAL APPLICATIONS

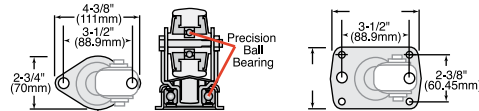
- Cargo Conveyor Equipment

MOUNTING OPTIONS

Priority Premier™ Models



Priority and Priority Economy 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

TOE GUARD OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
2 1/4"	1 3/4"	450	3 3/4"	—	1 3/4"	03XN02028S004C

Priority Premier™ Rectangular Plate Yellow Dichromate Finish



2 1/4"	1 3/4"	450	3 3/4"	—	1 3/4"	03XN02028S004C
(58mm)	(34mm)		(96mm)			

Priority Premier™ Rectangular Plate Yellow Dichromate Metal Toe Guard



2 1/4"	1 3/4"	450	3 3/4"	—	1 3/4"	03XN02028S001C
(58mm)	(34mm)		(96mm)			

Mobra Series Yellow Dichromate Finish



2 1/4"	1 3/4"	445	3 3/4"	—	3 1/3"	03XN02028S007
(58mm)	(34mm)		(96mm)			

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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Priority Diamond Plated Zinc Finish



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

Priority Rectangular Plate Zinc Finish



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

Priority Economy Diamond Plated Zinc Finish



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

Priority Economy Rectangular Plate Zinc Finish



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

04

LIGHT DUTY STAINLESS STEEL

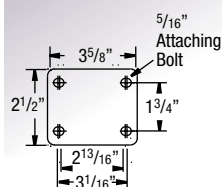


For light-duty applications where frequent washdowns are necessary. Ideally suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion.

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



Delrin
(51)



Precision Ball
(28)

- Polished Stainless Steel
- Perfect for Washdown and Corrosive Environments

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

Soft Rubber (41 Plain Bore)



RR

Hard Rubber (41 Plain Bore)



RN

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



XS

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

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

Prevenz™ antimicrobial models available. Add PREV 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
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

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



XR

Polypropylene (51 Delrin Bearing)



PB

POPULAR MODEL!

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

Continue on next page

04

LIGHT DUTY STAINLESS STEEL

Continued from previous page

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.						

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.

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

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.						

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

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
PolypropyleneXS 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)





FALLSHAW



Applications

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

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.

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
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

Series/Wheel Code

K Series

KS Grey Rubber (Natural)

KU Polyurethane on Polypropylene

KJ Thermoplastic Elastomer (TPE)

M Series

MS Grey Rubber

MA Anti-Static

MU Polyurethane on Polypropylene

MV PVC

MJ Thermoplastic Elastomer (TPE)

ST Natural Rubber

MB Rubber (High Resilience)

J Series

JB Blue Rubber

JD Polyurethane with Rubber Seam

JU Polyurethane on Polypropylene

JN Nylon

O Series

OU Polyurethane on Polypropylene

OS Grey Rubber

OB Rubber (High Resilience)

OO Rubber on Cast Iron

ON Nylon

Arc Series

KV Transparent PVC Tread on Polypropylene Core

KJ Thermal Plastic Elastomer TPE

MJ Thermal Plastic Elastomer TPE

Zen Series

KJ Thermoplastic Elastomer TPE

MJ Thermoplastic Elastomer TPE

Bearing Code

A PBT Bearing

N Plain Bearing

P Plain Bearing

Q Precision Ball

R Roller Bearing

Wheel Diameter Code

65 2-1/2"

75 3"

100 4"

125 5"

150 6"

200 8"

Threadguard Code

G Threadguard

Rig Series Code

J J Series

K K, Arc or Zen Series

M M, Arc or Zen Series

O O Series

Rig Finish Code

Z Zinc

P Powder coated

Mounting Code

PN Standard swivel plate

P European size plate

FN Standard rigid plate

F European size plate

H Hollow Kingpin

Brake Code

TB Total lock brake

DL Direction lock brake

BR Wheel brake



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

K

Series Casters

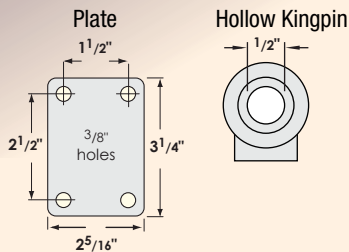


This is the ideal caster for light duty applications. Specifically for indoor functions where a high quality ride, attractive appearance and effective breaking system is required.

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



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Bearing Type	Wheel Number
----------------------------	-------------------------	---	----------------------------	-------------------------	--------------	-----------------

Grey Rubber (Natural)



KS

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).

Polyurethane on Polypropylene



KU

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/

Thermoplastic Elastomer (TPE)



KJ

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/

Rig Numbers



KZP

KZPTB

KZF

KZH

KZHTB

KZP

KZPTB

KZF

KZH

KZHTB

KZP

KZPTB

KZF

KZH

KZHTB

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



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

K SERIES • CAPACITY TO 120

M

Series Casters



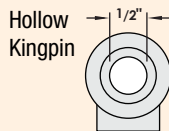
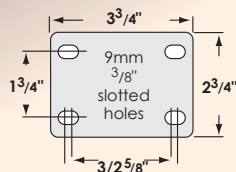
This is the ideal caster for hard working applications. The M caster is the everyday reliable caster that you can depend upon. The quality components ensure functionality which is enhanced by its eye-catching form.

TYPICAL APPLICATIONS

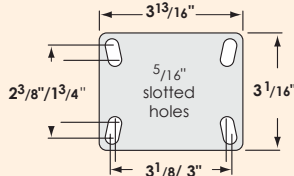
- Hospital beds
- Hospitality
- Food services
- Pharmaceuticals
- Dollies
- Light furniture
- Store displays
- Stock carts
- Institutional

MOUNTING OPTIONS

North American Plate



Standard ISO Plate



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



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
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) **MZHTB**

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) (Rig 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/
	4	1 5/16	300	5 5/16	3 9/16	Q	MSQ100G/
	5	1 5/16	300	6 3/8	4	A	MSA125G/
	5	1 5/16	330	6 3/8	4	Q	MSQ125G/
MS							

PVC	3	1 1/4	155	4 3/16	2 7/8	Q	MVQ75G/
	4	1 1/4	165	5 5/16	3 9/16	Q	MVQ100G/
	5	1 1/4	175	6 3/8	4	Q	MVQ125G/
MV							

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 | MZHTB | MZHDL

MZPN | MZPNTB | MZPNDL | MZFN | MZH | MZHTB | 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

Continued from previous page

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for static operation)	Overall Height (Inches)	Swivel Lead (Inches)	Bearing Type	Wheel Number
----------------------------	-------------------------	--	----------------------------	-------------------------	--------------	--------------

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	1 1/4	175	5 5/16	3 9/16	Q	MAQ100G/ MAQ125G/
5	1 1/4	200	6 3/8	4	Q	

MZPN | MZPNTB | MZPNDL | MZFN | MZH | MZHTB | MZHDL

Polyurethane on Polypropylene



MU

3	1 1/4	285	4 3/16	2 7/8	Q	MUQ75G/ MUQ100G/ MUQ125G/
4	1 1/4	300	5 5/16	3 9/16	Q	
5	1 1/4	330	6 3/8	4	Q	

MZPN | MZPNTB | MZPNDL | MZFN | MZH | MZHTB | MZHDL

Thermoplastic Elastomer (TPE)



MJ

3	1 1/4	165	4 3/16	2 7/8	A	MJA75G/ MJQ75G/
3	1 1/4	190	4 3/16	2 7/8	Q	MJA100G/ MJQ100G/
4	1 1/4	175	5 5/16	3 9/16	A	MJA125G/ MJQ125G/
4	1 1/4	200	5 5/16	3 9/16	Q	
5	1 1/4	200	6 3/8	4	A	
5	1 1/4	220	6 3/8	4	Q	

MZPN | MZPNTB | MZPNDL | MZFN | MZH | MZHTB | MZHDL

Natural Rubber



ST

3	1 1/4	190	4 3/16	2 7/8	Q	STQ75G/ STQ100G/ STQ125G/
4	1 1/4	200	5 5/16	3 9/16	Q	
5	1 1/4	220	6 3/8	4	Q	

MZPN | MZPNTB | MZPNDL | MZFN | MZH | MZHTB | MZHDL

Rubber Hi Resilience



MB

4	1 1/4	300	5 5/16	3 9/16	Q	MBQ100G/ MBQ125G/
5	1 1/4	330	6 3/8	4	Q	

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

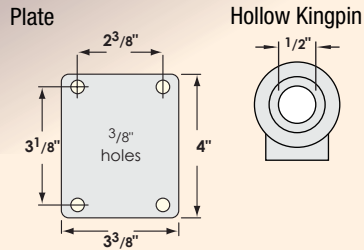


This caster is perfect when a robust caster is required. Although it can bear a greater load it has been designed with style in mind and therefore its polished appearance is an added benefit.

TYPICAL APPLICATIONS

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

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
JZP



Rigid Plate
JZF



Swivel Plate
Total Brake
JZPTB



Swivel Hollow
Kingpin
JZH



Swivel Hollow
Kingpin Total
Brake
JZHTB



BEARING DESCRIPTIONS



	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Bearing Type	Wheel Number
Blue Rubber JB	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).						



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

Rig Numbers



JZP | JZPTB | JZF | JZH | JZHTB

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) (Rate for normal operation) Overall Height (Inches) Swivel Lead (Inches) Bearing Type Wheel Number								Rig Numbers				
								Swivel Plate	Swivel Plate Total Brake	Rigid Plate	Hollow Kingpin	Hollow Kingpin Total Brake
												
								JZP	JZPTB	JZF	JZH	JZHTB

Polyurethane With Rubber Seam							
	4	1 3/8	485	5 1/16	3 1/2	R	JDR100G/ JDR125G/
	5	1 7/16	550	6 1/8	4 3/8	R	
JD							

Polyurethane on Polypropylene							
	4	1 1/4	615	5 1/16	3 1/2	A	JUA100/ JUR100/ JUA125/ JUR125/
	4	1 1/4	615	5 1/16	3 1/2	R	
	5	1 1/2	660	6 1/8	4 3/8	A	
	5	1 1/2	660	6 1/8	4 3/8	R	
JU	Thread Guards optional: add "G" before the slash to the wheel code (Example: JUA100G/JZP).						

Nylon							
	4	1 1/4	615	5 1/16	3 1/2	N	JNN100/ JNR100/ JNN125/ JNR125/
	4	1 1/4	615	5 1/16	3 1/2	R	
	5	1 3/8	660	6 1/8	4 3/8	N	
	5	1 3/8	660	6 1/8	4 3/8	R	
JN	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 4 13/16".

0

Series Casters



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

TYPICAL APPLICATIONS

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



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



PBT Bearing
(A)



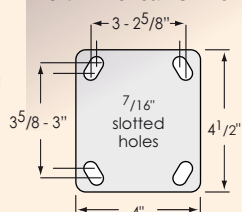
Roller Bearing
(R)



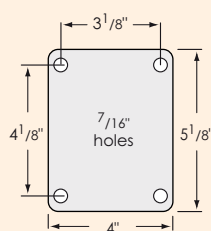
Precision Ball
(Q)

MOUNTING OPTIONS

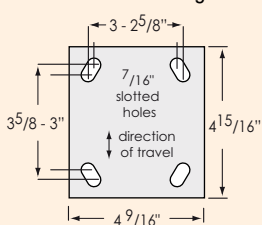
North American Swivel Plate



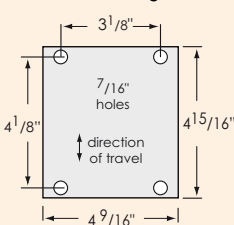
Standard ISO Swivel Plate



North American Rigid Plate



Standard ISO Rigid Plate



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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	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/

Polyurethane on Polypropylene



OU



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

Rig Numbers



OZPN | **OZPNTB** | **OZFN**

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 or 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



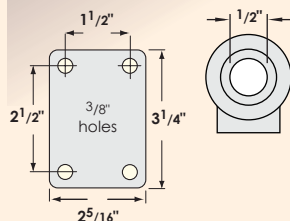
The five standard ColorWay options available in the ARC K Series range make it easy to find a caster that suits your design. The ARC K Series capacity range is ideal for light to medium application.

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
KPTB



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)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Number
3	7/8	110	4 1/8	2 3/4	KVP75/
4	7/8	110	5 3/16	3 1/4	

Transparent PVC Tread Polypropylene Core (Plain Bearing)



KV

Rig Numbers

Swivel Plate



Swivel Plate
Total Brake



Hollow
Kingpin



Hollow Kingpin
Total Brake



Color
Way
Code

ColorWay
Description

KPP

KPTB

KPH

KPHTB

GRY

Transparent Grey

Thermal Plastic Elastomer TPE (Precision Ball Bearing)



KJ

2 1/2
3
4

7/8
7/8
7/8

110
110
110

3 3/4
4 1/8
5 3/16

2 1/2
2 3/4
3 1/4

KJQ65G/
KJQ75G/
KJQ100G/

KPP

KPTB

KPH

KPHTB

WHT
SIL
GPH
INK
BRY

White Thread Guard
Silver Thread Guard
Graphite Thread Guard
Ink Thread Guard
Berry Thread Guard



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

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



White



Silver



Graphite



Ink



Berry

ARC

Deluxe Medium Duty

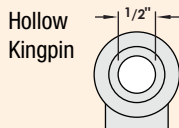
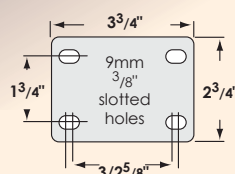


FEATURES

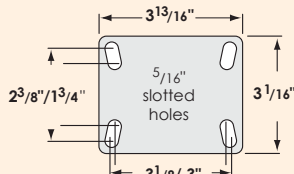
- 5 year warranty on rig
- 3 year warranty on wheel
- ColorWays to match furniture, display or equipment
- Powder coated rig
- Chicago screw axle, domed both sides
- Excellent design and performance

MOUNTING OPTIONS

North American Plate



Standard ISO Plate



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

RIG / BRAKE OPTIONS

Swivel Plate
MPPN



Swivel Plate
Total Brake
MPPNTB



Swivel Hollow
Kingpin
MPH



Swivel Hollow
Kingpin
Total Brake
MPHTB



BEARING DESCRIPTION



TYPICAL APPLICATIONS

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

Thermoplastic Elastomer TPE (Precision Ball Bearing)

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

MJ

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" .



White



Silver



Graphite



Ink



Berry

ARC CASTERS • CAPACITY TO 220

ZEN

Deluxe Light Duty

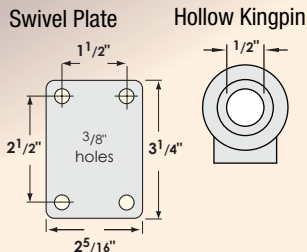


The Zen K Series is available in four earth tones that set the tone for any modern living space. It is ideal for light to medium applications. When style is important Zen K Series is for you.

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
KPP



Swivel Plate
Total Brake
KPPTB



Hollow Kingpin
KPH



Hollow Kingpin
Total Brake
KPHTB



BEARING DESCRIPTION



Precision Ball
(Q)

Thermoplastic Elastomer TPE (Precision Ball Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Number
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



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.

Rig Numbers

Swivel Plate	Swivel Plate Total Brake	Hollow Kingpin	Hollow Kingpin Total Brake	Color Way Code	ColorWay Description
				KPP	KPPTB
		KPH	KPHTB	CPR	Copper Thread Guard
				RST	Russet Thread Guard
				ZBR	Bronze Thread Guard
				TIM	Titanium Thread Guard

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



Copper



Russet



Bronze



Titanium

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



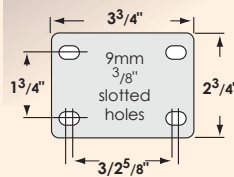
A dependable caster that is suitable for everyday applications, the Zen M Series offers a sophisticated finish to a hard working caster, as it is available in four earth tones, which is perfect for a contemporary atmosphere.

TYPICAL APPLICATIONS

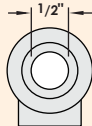
- Hospital beds
- Hospitality
- Food services
- Pharmaceuticals
- Dollies
- Store displays
- Stock carts
- Institutional

MOUNTING OPTIONS

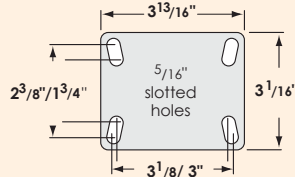
North American Plate



Hollow
Kingpin



Standard ISO Plate



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	27/8	MJQ75G/
4	1 1/4	200	5 5/16	3 9/16	MJQ100G/
5	1 1/4	220	6 3/8	4	MJQ125G/

Thermoplastic Elastomer TPE (Precision Ball Bearing)

MJ  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
MPPN	MPPNTB	MPH	MPHTB	CPR RST ZBR TIM	Copper Thread Guard Russet Thread Guard Bronze Thread Guard Titanium Thread Guard



Caster Number: MJQ100G/MTHBTIM
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 MPPN/MPH Rigs. Brake rig swivel lead is 4 5/8" for 3" diam. wheels and 5" for 4" & 5" diam. wheels.



Copper



Russet



Bronze



Titanium

ZEN CASTERS • CAPACITY TO 220

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!

05

Medium Heavy Duty Stainless Steel Casters

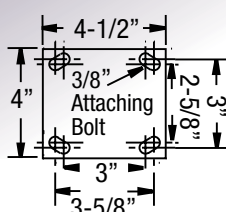


This caster is the ideal solution for applications where frequent wash-downs are necessary. The stainless steel caster is also well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

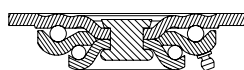
TYPICAL APPLICATIONS

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

MOUNTING



Swivel Cross Section



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
4	2	350	55/8	17/16	51/4	05XS04201
5	2	375	61/2	15/8	51/4	05XS05201
6	2	600	71/2	17/8	53/4	05XS06201
8	2	675	91/2	23/8	6	05XS08201

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	350	55/8	17/16	51/4	05XS04201
5	2	375	61/2	15/8	51/4	05XS05201
6	2	600	71/2	17/8	53/4	05XS06201
8	2	675	91/2	23/8	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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2	600	71/2	17/8	53/4	05XR06201
8	2	675	91/2	23/8	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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
5	2	300	61/2	15/8	51/2	05RM05228
6	2	350	71/2	17/8	61/2	05RM06228
8	2	450	91/2	23/8	81/2	05RM08228



RM

NEW MODEL!

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

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

BEARING OPTIONS



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

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)

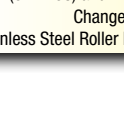
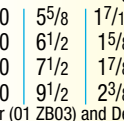
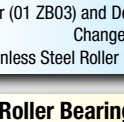
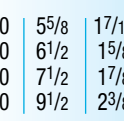
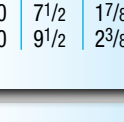
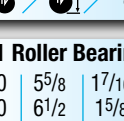
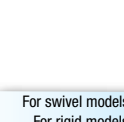


Stainless Steel Single Side specify **SSB**.

NEW! FACE BRAKE Specify **FBD**



Swivel Lock (welded) specify **L**



Moldon on Rubber on Aluminum (01 Roller Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	1 1/2	250	55/8	17/16	43/4	05MD04101
5	1 1/2	300	61/2	15/8	5	05MD05101
6	2	550	71/2	17/8	6	05MD06201
8	2	600	91/2	23/8	6 1/2	05MD08201



MD

Polypropylene (01 Roller Bearing)*

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	450	55/8	17/16	33/4	05PB04201
5	2	550	61/2	15/8	41/2	05PB05201
6	2	650	71/2	17/8	43/4	05PB06201
8	2	850	91/2	23/8	61/4	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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
4	2	800	55/8	17/16	5	05GP04201
5	2	1000	61/2	15/8	51/4	05GP05201
6	2	1200	71/2	17/8	53/4	05GP06201
8	2	1200	91/2	23/8	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

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.

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

PM

Multiple durometers available.

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

XA

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

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

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: 05XI04229.

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

XP

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.

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

TM

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Stainless Steel Roller Example: 05TM06201 ZB03

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

TH

*Stainless Steel Roller (01 ZB03) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Stainless Steel Roller Example: 05TH06201 ZB03

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.

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

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: 05NG04229.

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

HE

*Stainless Steel Roller (01 ZB03) bearings available.

Change "01" to other bearing code. Example: 05HE04201 ZB03.

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

FS

*Stainless Steel Roller (01 ZB03) bearings available.

Change "01" to other bearing code. Example: 05FS04201 ZB03.

Stainless steel drop forged wheels available.

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.



XS Prevenz™



XR Prevenz™



PY Prevenz™



XA Prevenz™



NG Prevenz™



XP Prevenz™

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

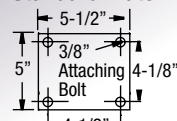
Swivel Cross Section



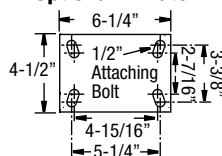
Optional Overall Heights all 12 Series Models:

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

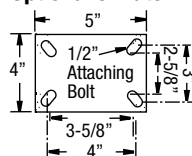
MOUNTING OPTIONS Standard Plate



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 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:** zinc plated
- **NSF** Consult factory
- Alternate or custom caster configurations available

RIG OPTIONS

- Hollow axle for plain bore, oillex 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.

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
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		Swivel Specity		Rigid Specity		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)

	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	Approx. Wt.	Caster Number		
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

XR

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

Wheel Diameter	Overall Height	Swivel Lead	Approx. Wt.	Caster Number		
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:

12XS042**28**. Delrin example: 12XS042**51**

XS

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

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

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

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

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

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

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.**Polyurethane on Polypropylene (01 Roller Bearing)**

POPULAR MODEL!



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.**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.

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

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.

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.

White Nylon (01 Roller Bearing)*

NEW MODEL!



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

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

8	2	1250	9 1/2	1 3/4	7 1/2	12NY08228
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NY

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

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

	4	2	1250	55/8	111/16	71/2	12NX04228
	5	2	1250	61/2	15/8	81/2	12NX05228
	6	2	1250	73/8	13/4	10	12NX06228
	8	2	1250	91/2	13/4	13	12NX08228

NX

Drop Forged Steel (01 Roller Bearing)*

	4	11/2	1250	55/8	111/16	71/2	12FS04101
	5	13/4	1250	61/2	15/8	91/2	12FS05201
	6	2	1250	73/8	13/4	101/2	12FS06201

FS

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

Cast Iron (01 Roller Bearing)

	31/4	11/2	400	41/4	13/4	5	12CA03101
	31/4	2	700	41/4	13/4	71/2	12CA03201
	4	11/2	600	55/8	111/16	61/2	12CA04101
	4	2	700	55/8	111/16	71/2	12CA04201
	5	11/2	600	61/2	15/8	71/2	12CA05101
	5	2	1000	61/2	15/8	81/2	12CA05201
	6	11/2	800	73/8	13/4	81/2	12CA06101
	6	2	1200	73/8	13/4	101/2	12CA06201
	8	2	1250	91/2	13/4	13	12CA08201

CA

Heavy Duty Cast Iron (01 Roller Bearing)

	5	2	1200	61/2	15/8	8	12CH05201
	6	2	1250	73/8	13/4	11	12CH06201
	8	2	1250	91/2	13/4	14	12CH08201

CH

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

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

	5	2	1250	61/2	15/8	8	12FM05201
	6	2	1250	73/8	13/4	11	12FM06201
	8	2	1250	91/2	13/4	14	12FM08201

FR,FM

*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.

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.





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



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

TYPICAL APPLICATIONS

- Scaffolding

MOUNTING AND SWIVEL CROSS SECTION
Standard Plate

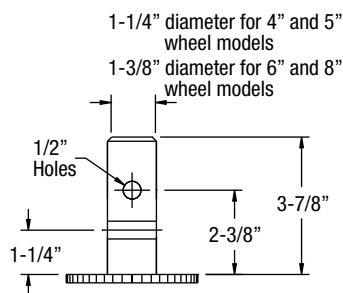
Stem length is 37/8".
For a more secure installation there are 1/2" cross-drilled holes.

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)



Wheel Diameter
(Inches)

Tread Width
(Inches)

Capacity (Lbs)
(Rate for manual operation)

Overall Height
(Inches)

Stem Diameter
(Inches)

Caster
Number

Rubber on Iron Core (Roller Bearings)



MR

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

Wheel Diameter
(Inches)

Tread Width
(Inches)

Capacity (Lbs)
(Rate for manual operation)

Overall Height
(Inches)

Stem Diameter
(Inches)

Caster
Number

Polyurethane on Iron Core (Roller Bearings)



PI

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

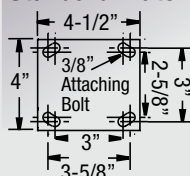


Empire medium heavy duty casters are cold formed steel and recommended for medium to medium heavy duty applications.

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 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.

BRAKE OPTIONS



Cam Brake
Specify CB



Face Brake
Specify FBA



Grip Lock
Specify GL16



Side Brake
SSB single
DSB Double



Face Brake
Specify FBB



Foot Operated Swivel Lock
Specify SL150000



Swivel Lock
hand operated
field installable
Specify L

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

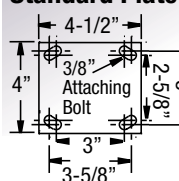
- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks
- Shop carts

Swivel Cross Section

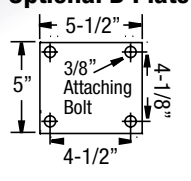


MOUNTING OPTIONS

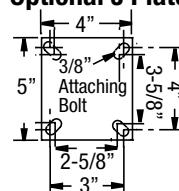
Standard Plate



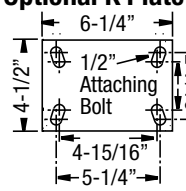
Optional D Plate



Optional J Plate



Optional K 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:** 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**

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Load for manual operation) (Lbs)	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

Moldon Rubber on Cast Iron (01 Roller Bearing)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Load for manual operation) (Lbs)	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!

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

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

Moldon Rubber on Aluminum (01 Roller Bearing)

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

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

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
						

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!****XS**

4	2	350	55/8	111/16	51/4	16XS04201
5	2	375	61/2	15/8	51/2	16XS05201
6	2	600	71/4	13/4	6	16XS06201
8	2	675	91/2	13/4	61/2	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:
16XS042**28**, Delrin example: 16XS042**51**

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

6	2	600	71/4	13/4	51/2	16XR06201
8	2	675	91/2	13/4	61/2	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:
16XR042**28**, Delrin example: 16XR042**51**

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)**RM**

5	2	300	61/2	15/8	51/2	16RM05228
6	2	350	71/4	13/4	61/2	16RM06228
8	2	450	91/2	13/4	81/2	16RM08228

NEW MODEL!

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

Solid Rubber (01 Roller Bearing)**RR**

4	2	220	55/8	111/16	6	16RR04201
5	2	325	61/2	15/8	61/2	16RR05201
6	2	350	71/4	13/4	63/4	16RR06201

Polypropylene (01 Roller Bearing)***PB**

4	11/2	400	55/8	111/16	41/2	16PB04101
4	2	450	55/8	111/16	41/2	16PB04201
5	11/2	450	61/2	15/8	5	16PB05101
5	2	550	61/2	15/8	5	16PB05201
6	11/2	550	71/4	13/4	53/4	16PB06101
6	2	650	71/4	13/4	6	16PB06201
8	2	850	91/2	13/4	51/2	16PB08201

*Delrin (51) Bearings or plain bore (41) models available.

Change "01" example: 16PB04**251**.**Fiberglass Filled Polypropylene (01 Roller Bearing)*****NEW MODEL!****GP**

4	2	800	55/8	111/16	7	16GP04201
5	2	1000	61/2	15/8	8	16GP05201
6	2	1200	71/4	13/4	93/4	16GP06201
8	2	1250	91/2	13/4	10	16GP08201

*Delrin (51) Bearings or plain bore (41) models available.

Change "01" example: 16GP04**251**.**White Polypropylene (Plain Bore)****PW**

4	2	450	55/8	111/16	41/2	16PW04241
5	2	550	61/2	15/8	5	16PW05241
6	2	650	71/4	13/4	6	16PW06241

High Temp Polypropylene (Plain Bore)**RW**

4	2	500	55/8	111/16	5	16RW04241
5	2	650	61/2	15/8	51/2	16RW05241
6	2	700	71/4	13/4	6	16RW06241
8	2	900	91/2	13/4	61/2	16RW08201

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

4	11/2	600	55/8	111/16	41/2	16PD04101
4	2	700	55/8	111/16	5	16PD04201
5	11/2	720	61/2	15/8	5	16PD05101
5	2	1050	61/2	15/8	51/4	16PD05201
6	2	1230	71/4	13/4	53/4	16PD06201
8	2	1250	91/2	13/4	7	16PD08201

Polyurethane on Cast Iron (01 Roller Bearing)**PI**

4	2	700	55/8	111/16	7	16PI04201
5	2	1000	61/2	15/8	8	16PI05201
6	2	1200	71/4	13/4	93/4	16PI06201
8	2	1250	91/2	13/4	10	16PI08201

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)**PM**

5	2	1000	61/2	15/8	6	16PM05228
6	2	1250	71/4	13/4	7	16PM06228
8	2	1250	91/2	13/4	9	16PM08228

Polyurethane on Cast Iron (01 Roller Bearing)**PY**

31/4	15/8	420	41/4	13/4	41/4	16PY03101
31/4	23/16	540	41/4	13/4	43/4	16PY03201
6	11/2	840	71/4	13/4	73/4	16PY06101

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

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

4	2	700	55/8	111/16	41/4	16XA04201
5	2	750	61/2	15/8	43/4	16XA05201
6	2	900	71/4	13/4	51/2	16XA06201
8	2	1000	91/2	13/4	71/2	16XA08201

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

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

4	2	1000	55/8	111/16	5	16XI04201
5	2	1000	61/2	15/8	51/2	16XI05201
6	2	1000	71/4	13/4	61/4	16XI06201
8	2	1000	91/2	13/4	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: 16XI04**229**.

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

4	2	1250	55/8	111/16	5	16XP04201
5	2	1200	61/2	15/8	51/2	16XP05201
6	2	1250	71/4	13/4	61/4	16XP06201
8	2	1200	91/2	13/4	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: 16XP04**229**.

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

4	2	300	55/8	111/16	41/2	16XV04202
5	2	300	61/2	15/8	5	16XV05202
6	2	300	71/4	13/4	51/4	16XV06202
8	2	300	91/2	13/4	53/4	16XV08202

*Delrin (52) Bearings models available.

Change "02" example: 16XV04**252**.

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.

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

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

Maxim® (01 Roller Bearing)*

	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

POPULAR MODEL!

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.

NG

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

*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.

NR

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

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

	8	2	1250	9 1/2	1 3/4	8	16NY08228
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NY

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)*

	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

NEW MODEL!

NW

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

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

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

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

FS

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

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

VG

Ductile Iron Crowned Tread (01 Roller Bearing)

	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

*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.

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™ PY Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™

Optional Overall Heights all 16 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"	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

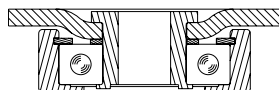


Ergonomic caster is designed for ease of movement. Sealed precision swivel is maintenance free and very easy to swivel. Notched yoke base is standard on all models for easy installation of swivel lock.

TYPICAL APPLICATIONS

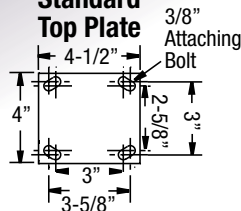
- Dollies
- Waste Disposal Trucks
- Warehouse Trucks
- Floor Trucks
- Shop Carts

Swivel Cross Section

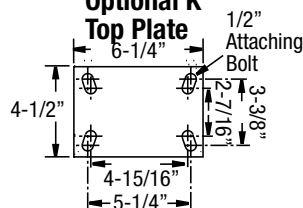


MOUNTING AND SWIVEL CROSS SECTION

Standard Top Plate



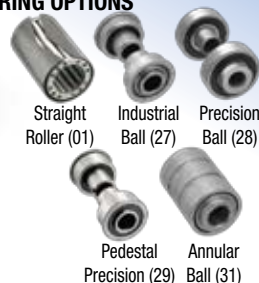
Optional K Top Plate



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) (Based on 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

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

POPULAR MODEL!

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



XS

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



XR

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

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

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

RM

NEW MODEL!

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

SF

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



PD

*Precision Ball (28) and Annular Ball (31) Bearings available.
Change "29" to other bearing code.
Precision Ball example: 18PD04228

Continued on next page

18 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) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Fiberglass Filled Polypropylene (29 Pedestal Precision)* **NEW MODEL!**

4	2	800	55/8	111/16	8	18GP04229
5	2	1000	61/2	15/8	9	18GP05229
6	2	1200	71/2	13/4	103/4	18GP06229
8	2	1250	91/2	13/4	11	18GP08229

GP

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

5	2	1000	61/2	15/8	6	18PM05228
6	2	1250	71/2	13/4	7	18PM06228
8	2	1250	91/2	13/4	9	18PM08228

PM

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

4	2	700	55/8	111/16	51/4	18XA04229
5	2	750	61/2	15/8	53/4	18XA05229
6	2	900	71/2	13/4	61/2	18XA06229
8	2	1000	91/2	13/4	81/2	18XA08229

XA

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

4	2	1000	55/8	111/16	6	18XI04229
5	2	1000	61/2	15/8	61/2	18XI05229
6	2	1000	71/2	13/4	71/4	18XI06229
8	2	1000	91/2	13/4	9	18XI08229

XI

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

4	2	1250	55/8	111/16	6	18XP04229
5	2	1200	61/2	15/8	61/2	18XP05229
6	2	1250	71/2	13/4	71/4	18XP06229
8	2	1200	91/2	13/4	9	18XP08229

XP

Maxim® (29 Pedestal Precision)*

31/4	2	800	55/8	111/16	6	18NG03229
4	2	800	55/8	111/16	6	18NG04229
5	2	1000	61/2	15/8	61/2	18NG05229
6	2	1200	71/2	13/4	71/4	18NG06229
8	2	1250	91/2	13/4	9	18NG08229

NG

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

5	2	600	61/2	15/8	61/2	18NW05229
6	2	900	71/2	13/4	71/4	18NW06229
8	2	1100	91/2	13/4	9	18NW08229

NW

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

4	2	800	55/8	111/16	6	18NR04201
5	2	1000	61/2	15/8	61/2	18NR05201
6	2	1200	71/2	13/4	71/4	18NR06201
8	2	1250	91/2	13/4	9	18NR08201

NR

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

8	2	1250	91/2	13/4	8	18NY08228
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NY

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

4	2	1250	55/8	111/16	8	18NX04228
5	2	1250	61/2	15/8	9	18NX05228
6	2	1250	71/2	13/4	103/4	18NX06228
8	2	1250	91/2	13/4	11	18NX08228

NX

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

5	2	1250	61/2	15/8	133/4	18FR05228
6	2	1250	71/2	13/4	14	18FR06228
8	2	1250	91/2	13/4	151/4	18FR08228

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™

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**



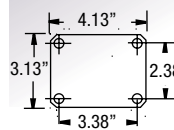
- High Capacity
- Low Height
- Stamped or Welded Construction

TYPICAL APPLICATIONS

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

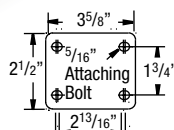
MOUNTING OPTIONS

Standard Model Plate



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

02 Series Model Plate



Specify 02 at end of caster part no.

20 Series

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1.81	500	3.97	1.08	3	20PB03201

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
3	1.81	1200	4.16	.81	3	21NG03201

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

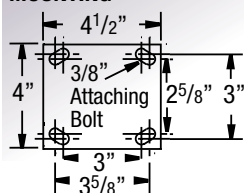


Designed with the load in mind, the 40 series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

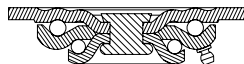
TYPICAL APPLICATIONS

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

MOUNTING

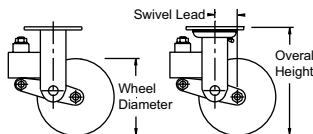


Swivel Cross Section



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.

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

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

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

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)*

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

POPULAR MODEL!

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

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.

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

	5	2	500	8	13/4	40PD05201
	6	2	500	8 1/2	13/4	40PD06201
	8	2	500	10 1/2	13/4	40PD08201

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

PD**Polyurethane on Cast Iron (01 Roller Bearing)***

	5	2	500	8	13/4	40PI05201
	6	2	500	8 1/2	13/4	40PI06201
	8	2	500	10 1/2	13/4	40PI08201

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

PI**Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)**

	5	2	500	8	13/4	40PM05228
	6	2	500	8 1/2	13/4	40PM06228
	8	2	500	10 1/2	13/4	40PM08228

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

	5	2	500	8	13/4	40XA05201
	6	2	500	8 1/2	13/4	40XA06201
	8	2	500	10 1/2	13/4	40XA08201

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

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

	5	2	500	8	13/4	40XI05201
	6	2	500	8 1/2	13/4	40XI06201
	8	2	500	10 1/2	13/4	40XI08201

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

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

	5	2	500	8	13/4	40XP05201
	6	2	500	8 1/2	13/4	40XP06201
	8	2	500	10 1/2	13/4	40XP08201

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

XP

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.

Maxim® (01 Roller Bearing)*

	5	2	500	8	13/4	40NG05201
	6	2	500	8 1/2	13/4	40NG06201
	8	2	500	10 1/2	13/4	40NG08201

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

NG**Maxim® NR Noise Reduction (01 Roller Bearing)***

	5	2	500	8	13/4	40NR05201
	6	2	500	8 1/2	13/4	40NR06201
	8	2	500	10 1/2	13/4	40NR08201

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

NR**Trionix™ High Impact Polymer (28 Precision Ball Bearing)**

	8	2	500	10 1/2	13/4	40NY08228
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NY**Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)**

	5	2	500	8	13/4	40NX05228
	6	2	500	8 1/2	13/4	40NX06228
	8	2	500	10 1/2	13/4	40NX08228

NX**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**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™

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



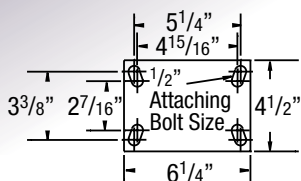
Precision Ball (28)

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.

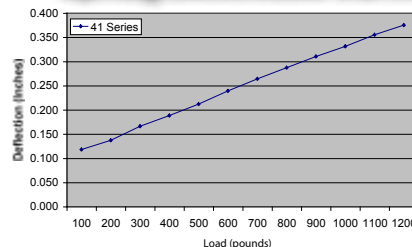
TYPICAL APPLICATIONS

- 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.



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Rig Type	Caster Number
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41 Series Polyurethane on Aluminum 90A Durometer (Green Tread with Precision Bearing)

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)

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)

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

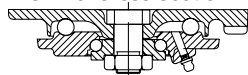


Designed with greater load capacity than our 40 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

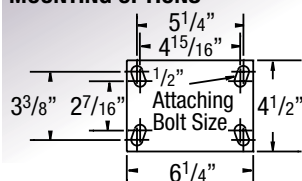
TYPICAL APPLICATIONS

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

Swivel Cross Section

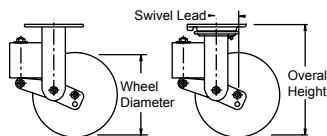


MOUNTING OPTIONS



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



Straight Roller (07)

Industrial Ball (27)

Precision Ball (28)

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

Moldon Rubber on Cast Iron (07 Roller Bearing)



MR

Pneumatic (27 Industrial Ball Bearing)



SF

Polyurethane on Cast Iron (07 Roller Bearing)*



PY

Vulkollan on Iron (07 Roller Bearing)



VY

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
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

Phenolic (07 Roller Bearing)*



TM

Trionix™ NX (28 Precision Ball Bearing)



NX

Prevenz™ Antimicrobial Wheels



PY Prevenz™

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

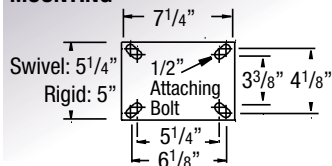


Designed with greater load capacity than our 40 and 42 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

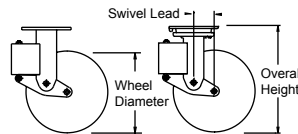
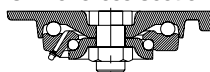
TYPICAL APPLICATIONS

- 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



Straight Roller (01)

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)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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

Moldon Rubber on Cast Iron (01 Roller Bearing)*



MR

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)*



SF

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)*



PY

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)*



VY

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

NEW PRODUCT!

44VY10501

44VY12501

44VY10509

44VY12509

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



XP

10	3	1500	13 1/2	3	35	44XP10501
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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)*



TM

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)



NY

10	3	1500	13 1/2	3	35	44NY10528
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Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)



NX

10	3	1500	13 1/2	3	35	44NX10528
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Polyurethane on Aluminum Flat Tread (01 Roller Bearing)*



PD

10	2 1/2	1500	13 1/2	3	38 1/2	44PD10401
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NEW PRODUCT!

44PD10401

44PD10501

44PD10509

60

EMPIRE™ Casters & Wheels Heavy Duty Casters

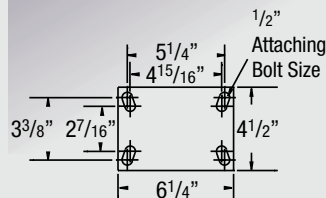


Manufactured from cold formed steel, this popular series is recommended for heavy duty applications. A heat treated king bolt and nut ensure longer caster life.

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



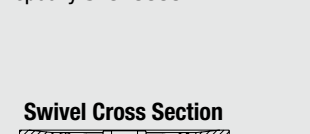
Face Brake
specify FBB

Single Side specify
SSB60. Double
Sided specify DSB60

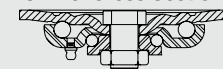


Swivel Lock
specify L

Hand operated field
installable swivel lock
specify SL620000



Swivel Cross Section



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 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

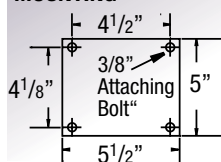


Manufactured from cold formed steel, this series comes highly recommended for use on heavy duty applications.

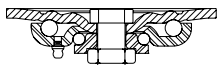
TYPICAL APPLICATIONS

- 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 on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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

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

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

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
						

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 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)*

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)

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)

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)*****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) 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)***

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)

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)**

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)***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)*

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)*

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)

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)***

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)*

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.

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
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Trionix™ High Impact Polymer (Precision Ball Bearing)

8	2	1500	9 1/2	13/4	9 1/2	61NY08228
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NY

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

4	2	1500	55/8	15/16	8 1/4	61NX04228
5	2	1500	6 1/2	1 1/2	8 3/4	61NX05228
6	2	1500	7 3/8	13/4	11	61NX06228
8	2	1500	9 1/2	13/4	9 1/2	61NX08228

For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 61NX04428).



NX

White Nylon (01 Roller Bearing)*

5	2	600	6 1/2	1 1/2		61NW05201
6	2	900	7 3/8	13/4		61NW06201
8	2	1100	9 1/2	13/4		61NW08201

*Delrin (51) Bearings or plain bore (00) models available.
Change "01" example: 61NW05251.



NW

Cast Iron (01, 07 Roller Bearing)

4	2	1000	55/8	15/16	8 1/4	61CA04201
5	2	1300	6 1/2	1 1/2	9 1/4	61CA05201
6	2	1400	7 3/8	13/4	11 1/4	61CA06201
6	2 1/2	1500	7 3/8	13/4	13	61CA06407
8	2	1500	9 1/2	13/4	14 1/2	61CA08201
8	2 1/2	1500	9 1/2	13/4	16	61CA08407



CA

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	13/4	11	61CH06201
8	2	1500	9 1/2	13/4	14 1/2	61CH08201



CH

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
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Drop Forged Steel (01 Roller Bearing)*

4	1 1/2	1400	55/8	15/16	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	13/4	11 1/4	61FS06201

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 61FS04109).



FS

Ductile Iron Crowned Tread (01 Roller Bearing)

5	2	1500	6 1/2	1 1/2	10 1/4	61FR05201
6	2	1500	7 3/8	13/4	11	61FR06201
8	2	1500	9 1/2	13/4	14 1/2	61FR08201

*Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 61FR05209).



FR, FM

Note: Ductile Iron Flat Tread (**FM**) models available.
Change **FR** wheel code to **FM**. Example: 61FM05201.

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.

**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

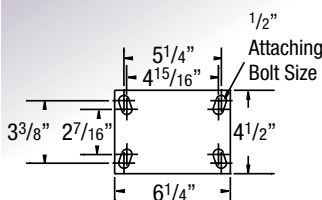


Manufactured from cold formed steel, this popular series is recommended for heavy duty applications. A heat treated king bolt and nut ensure longer caster life.

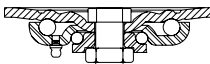
TYPICAL APPLICATIONS

- 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.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated 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	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**

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.

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

62 SERIES • CAPACITY TO 1500

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.

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)*****NEW MODEL!**

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.

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.

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
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**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 manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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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).

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**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**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

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
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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).

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.**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.

**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

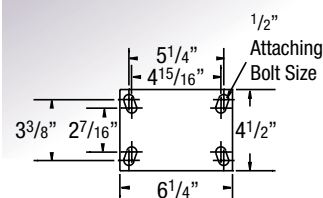


Offering thicker legs and a 3/4" diameter axle this series improves on our popular 62 series for increased capacity. Manufactured from cold formed steel this caster can stand up to most heavy duty applications.

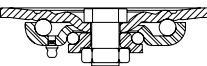
TYPICAL APPLICATIONS

- 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**

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
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

Moldon Rubber on Cast Iron (05 Roller Bearing)



MR

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)



PY

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)



PI

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

Vulkollan on Iron (05 Roller Bearing)



VY

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

NEW MODEL!

Phenolic (05 Roller Bearing)



TM

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)



CA

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



Prevenz™ Antimicrobial Wheels
Available on PY wheels



Heavy duty forged steel for extended life in rugged applications.

Heavy Duty Casters

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**

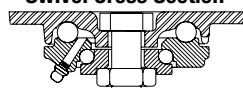
FEATURES

- **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

TYPICAL APPLICATIONS

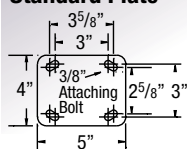
- Production racks and fixtures
- Live skids and Box trucks

Swivel Cross Section

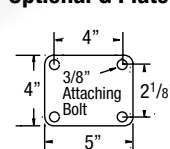


MOUNTING PLATE

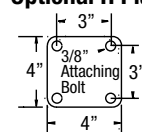
Standard Plate



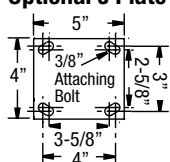
Optional G Plate



Optional H Plate



Optional J Plate



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
4	2	300	5 5/8	17/16	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

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
4	2	350	5 5/8	17/16	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

Moldon Rubber on Cast Iron (01 Roller Bearing)*



4	2	300	5 5/8	17/16	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	17/16	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	17/16	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

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
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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
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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

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
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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)*

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
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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)

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

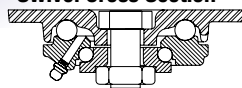


Heavy duty forged steel for extended life and rugged applications.

TYPICAL APPLICATIONS

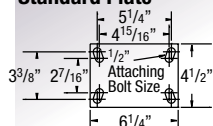
- Production racks and fixtures
- Live skids and Box trucks

Swivel Cross Section

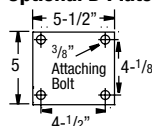


MOUNTING PLATE

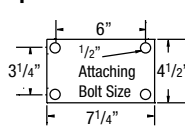
Standard Plate



Optional D Plate



Optional W 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:** 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)

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 for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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

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
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

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

XS

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

6	2	450	7 1/2	2 1/4	8 1/4	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

XR

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.

SF

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.

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

PD

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

PI

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

PM

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

PY

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

XA

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.

XI

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.

XP

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

TM

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.

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

NG

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

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: 72NR04229.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

	8	2	1600	101/8	21/4	101/2	72NY08228
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NY

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

NX

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

CA

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

CH

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

FS

*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

FR, FM

*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

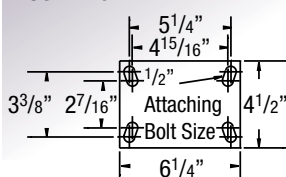


Casters are drop forged and made for those unusual jobs requiring constant swiveling or abilities to withstand shock or impact. Fitted with drop-forged steel wheels, these casters will withstand severe applications.

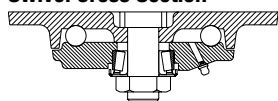
TYPICAL APPLICATIONS

- 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)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2	200	8	2	11 1/2	78SF06227
8	2	210	10 1/2	2	13 1/4	78SF08227

Pneumatic (27 Industrial Ball Bearing)



SF

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

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)



PM

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



PD

Polyurethane on Cast Iron (07 Roller Bearing)



PY

Polyurethane on Cast Iron (01 & 07 Roller Bearing)



PI

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

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



XP

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

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.

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.

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
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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

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.

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

FR, FM

*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).

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.



XS Prevenz™



XR Prevenz™



PY Prevenz™



XA Prevenz™



NG Prevenz™



XP Prevenz™

81

Heavy Duty Casters

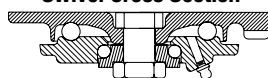


The 81 series is drop forged and recommended for the heaviest manually moved loads or for medium duty power drawn equipment. Consult factory for all power drawn applications.

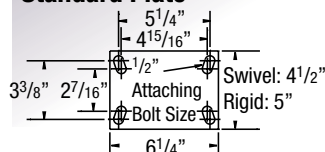
TYPICAL APPLICATIONS

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

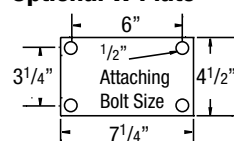
Swivel Cross Section



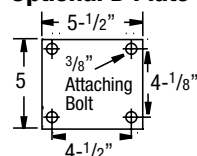
MOUNTING PLATE Standard Plate



Optional W Plate



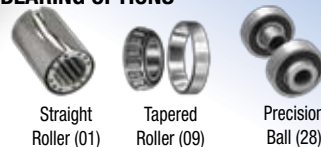
Optional D Plate



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) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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

Moldon Rubber on Cast Iron (01 Roller Bearing)

MR	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)*

XR	10	2 1/2	850	11 1/2	3 1/2	14 1/2	81XR10401
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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)

PA	4	3 1/4	1200	5 1/2	2	15	81PA04501
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Polyurethane on Aluminum (01 Roller Bearing)

PD	8	2 1/2	2000	10 1/8	3	20 1/4	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)

PY	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)

PI	6	2 1/2	1600	7 5/8	1 1/2	20 1/2	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

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.

Thick Tread Polyurethane (01 Roller Bearing)

	6	3	2000	7 ⁵ / ₈	1 ¹ / ₂	26	81PX06501
	8	3	2000	10 ¹ / ₈	2 ¹ / ₄	22 ¹ / ₄	81PX08501
	10	3	2000	11 ¹ / ₂	2 ¹ / ₂	31	81PX10501
	12	3	2000	13 ¹ / 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	7 ⁵ / ₈	1 ¹ / ₂	20 ¹ / ₂	81VY06409
	8	3	2000	7 ⁵ / ₈	1 ¹ / ₂	26	81VY06509
	6	2 ¹ / ₂	2000	10 ¹ / ₈	2 ¹ / ₄	22 ¹ / ₂	81VY08409
	8	3	2000	10 ¹ / ₈	2 ¹ / 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	7 ⁵ / ₈	1 ¹ / ₂	26	81VX06509
	8	3	2000	10 ¹ / ₈	2 ¹ / 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	7 ⁵ / ₈	1 ¹ / ₂	14 ¹ / ₄	81TM06401
	6	3	2000	7 ⁵ / ₈	1 ¹ / 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
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NY

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.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

	6	2 ¹ / ₂	2000	7 ⁵ / ₈	1 ¹ / ₂	15	81NX06428
	6	3	2000	7 ⁵ / ₈	1 ¹ / 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	7 ⁵ / ₈	1 ¹ / 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	7 ⁵ / ₈	1 ¹ / 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	7 ⁵ / ₈	1 ¹ / 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



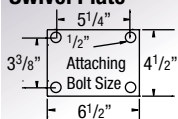
These precision engineered casters are designed for constant swiveling or for service where shock and impact loads might damage less rugged casters.

TYPICAL APPLICATIONS

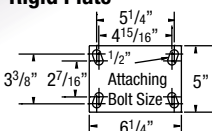
- Conveyor Operations
- Heavy Fixtures
- Drag Line Operations
- Die Trucks
- Automotive

MOUNTING PLATE

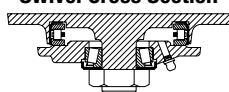
Swivel Plate



Rigid 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

Straight
Roller (01)

Tapered
Roller (09)

Precision
Ball (28)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	3	750	8 1/2	15/8	21	84MR06501
8	3	900	10 1/2	15/8	23 3/4	84MR08501

Moldon Rubber on Cast Iron (01 Roller Bearing)



MR

Polyurethane on Aluminum (01 Roller Bearing)

NEW MODEL!



PD

Polyurethane on Cast Iron (01 Roller Bearing)*



PY

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
5	3	1530	8	15/8	21 1/2	84PY05501
6	2 1/2	1620	8 1/2	15/8	22 1/4	84PY06401
6	3	2040	8 1/2	15/8	24	84PY06501
8	2 1/2	2010	10 1/2	15/8	24 1/4	84PY08401
8	3	2520	10 1/2	15/8	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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2 1/2	1620	8 1/2	15/8	22	84PX06401
6	3	2040	8 1/2	15/8	23 1/2	84PX06501
8	2 1/2	2010	10 1/2	15/8	26	84PX08401
8	3	2520	10 1/2	15/8	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)*

NEW MODEL!



VY

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2 1/2	2350	8 1/2	15/8	22 1/4	84VY06401
6	3	3000	8 1/2	15/8	24	84VY06501
8	2 1/2	2900	10 1/2	15/8	24 1/4	84VY08401
8	3	3500	10 1/2	15/8	28	84VY08501

* (09) Tapered Roller Bearings available.

Change "01" to bearing code. Roller example: 84VY06409

Polyurethane on Cast Iron (01 Roller Bearing)

NEW MODEL!



PI

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2 1/2	1600	8 1/2	15/8	22 1/4	84PI06401
6	3	2000	8 1/2	15/8	24	84PI06501
8	2 1/2	2000	10 1/2	15/8	24 1/4	84PI08401
8	3	2500	10 1/2	15/8	28	84PI08501

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
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Vulkollan Thick Tread (01 Roller Bearing)***NEW MODEL!**

6	2 1/2	2350	8 1/2	15/8	23/4	84VX06401
6	3	3000	8 1/2	15/8	25	84VX06501
8	2 1/2	2900	10 1/2	15/8	25 1/4	84VX08401
8	3	3500	10 1/2	15/8	29	84VX08501

* (09) Tapered Roller Bearings available.

Change "01" to bearing code. Roller example: 84VX06409

VX**X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)**

8	2 1/2	2000	10 1/2	15/8	17	84XP08428
8	3	2000	10 1/2	15/8	18	84XP08528

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

XP**Phenolic (01 Roller Bearing)**

6	2 1/2	1600	8 1/2	15/8	13 1/4	84TM06401
6	3	2000	8 1/2	15/8	14 1/4	84TM06501
7	3	2200	10	15/8	18 1/2	84TM07501
8	2 1/2	2000	10 1/2	15/8	16	84TM08401
8	3	2500	10 1/2	15/8	17	84TM08501

TM**Laminated Phenolic (01 Roller Bearing)**

6	3	2000	8 1/2	15/8	16 1/2	84TL06501
7	3	2200	10	15/8	18 1/2	84TL07501
8	3	2500	10 1/2	15/8	19 1/2	84TL08501

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

6	2 1/2	3500	8 1/2	15/8	14 1/4	84NX06428
6	3	3500	8 1/2	15/8	15	84NX06528
8	2 1/2	3500	10 1/2	15/8	16 1/2	84NX08428
8	3	3500	10 1/2	15/8	17 1/2	84NX08528

NX

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
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Cast Iron (01 Roller Bearing)*

5	2 1/2	2300	8	15/8	20 1/2	84CA05401
6	2 1/2	2300	8 1/2	15/8	21 3/4	84CA06401
6	3	2300	8 1/2	15/8	23 1/4	84CA06501
8	2 1/2	2300	10 1/2	15/8	26 1/4	84CA08401
8	3	2800	10 1/2	15/8	28	84CA08501

* (09) Tapered Roller Bearings available.

Change "01" to bearing code. Roller example: 84CA05409

CA**Drop Forged Steel (01 Roller Bearings)***

6	2 1/2	3500	8 1/2	15/8	23 1/4	84FS06401
8	2 1/2	3500	10 1/2	15/8	30	84FS08401
8	3	3500	10 1/2	15/8	30 1/2	84FS08501

* (09) Tapered Roller Bearings available.

Change "01" to bearing code. Roller example: 84PY06409

FS**V-Grooved Cast Iron (01 Roller Bearings)***

6	2 1/2	2500	8 1/2	15/8	21	84VG06401
8	2 1/2	2500	10 1/2	15/8	25	84VG08401
8	3	2500	10 1/2	15/8	26 1/2	84VG08501

* (09) Tapered Roller Bearings available.

Change "01" to bearing code. Roller example: 84VG06409

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

6	2 1/2	3500	8 1/2	15/8	22	84FR06401
6	3	3500	8 1/2	15/8	23 1/4	84FR06501
8	3	3500	10 1/2	15/8	28	84FR08501

*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.**FR, FM**

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

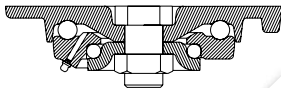


Our 90 series is made from AISI 1045 drop forged steel and is highly recommended for rugged applications.

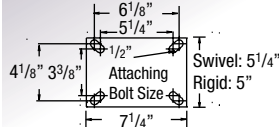
TYPICAL APPLICATIONS

- 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

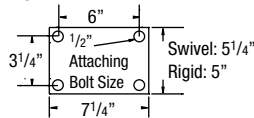
Swivel Cross Section



MOUNTING PLATE Standard Plate



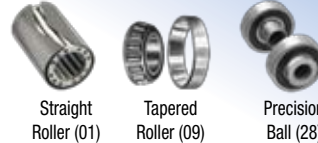
Optional W Plate



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 **SL9000000**
(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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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

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

MR

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

10	3	1800	12 1/2	3	30 1/2	90MH10501
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MH

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

10	2 1/2	850	12 1/2	3 1/2	19 1/4	90XR10401
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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

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) (Ride for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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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)*

NEW MODEL!

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

VY

*Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 90VY06528

Thick Tread Vulkollan (09 Tapered Roller Bearing)*

NEW MODEL!

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
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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) (Ride for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Trionix™ NX High Impact Polymer (28 Precision Ball Bearing)

NEW MODEL!

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)

NEW MODEL!

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).

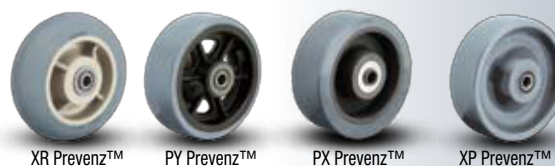
Ductile Iron Flat Tread (FM) and V-Groove (VM) models available.

Change FR wheel code to FM or VM. Example: 90FM08401.

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 model number.



92

Heavy Duty Casters

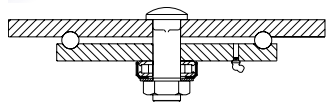


92 Series Casters are designed specifically for power drawn trailers allowing for ease of operation even on poor floor or surface conditions.

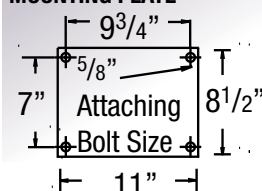
TYPICAL APPLICATIONS

- Heavy duty trash dumpsters
- Trailer frames
- Automotive plants

Swivel Cross Section



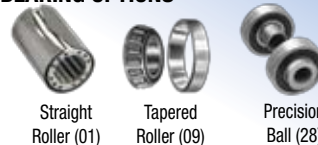
MOUNTING PLATE



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)	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) (rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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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

TM

*3-1/2" and 4" tread width model has solid axle, all others hollow axle.

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

10	3	2500	12 ⁷ / ₈	3	47 ³ / ₄	92NY10528
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NY

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

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



CA

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 90CA08509

**3-1/2" and 4" tread width model has solid axle, all others hollow axle.

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



FS

* (09) Tapered Roller Bearings available.
Change "01" to bearing code. Roller example: 92FS08509

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
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V-grooved Cast Iron (01 Roller Bearing)

8	3	2500	11	3	53	92VG08501
10	3	3000	12 ⁷ / ₈	3	64	92VG10501



VG

Ductile Iron Crowned Tread (01 Roller Bearing)

NEW MODEL!

8	3	3500	11	3	49	92FR08501
10	3	3500	12 ⁷ / ₈	3	55	92FR10501



FR, FM, VM

*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.

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™

CUSTOM FABRICATION

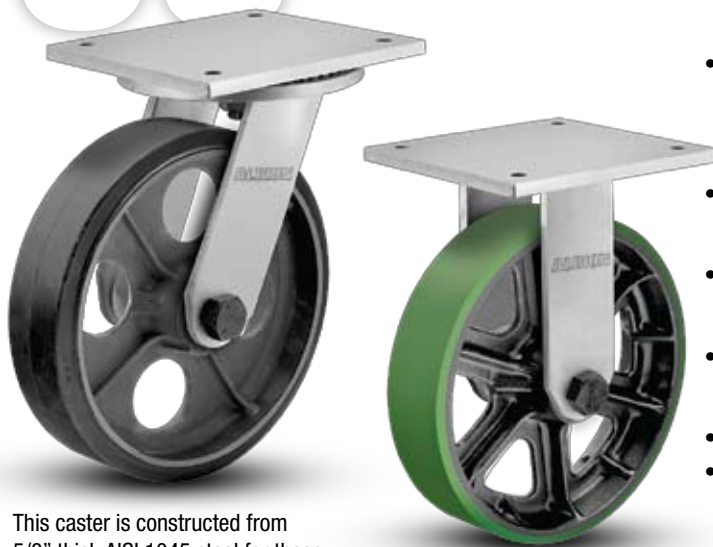
This is not a one-size-fits-all business. In fact, many of our orders require custom fabrication.

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

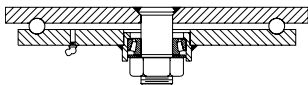


This caster is constructed from 5/8" thick AISI 1045 steel for those rugged applications. Design accommodates wider wheels for ease of use.

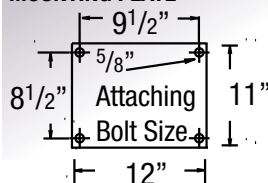
TYPICAL APPLICATIONS

- 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

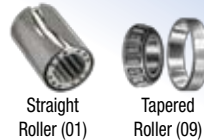
BRAKE OPTIONS

Poly Cam
specify **P**

Face Contact
specify **F**

Welded Swivel Lock
specify **L**

BEARING OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

	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

MR

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

	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

PY

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

Thick Tread Polyurethane (09 Tapered Roller Bearing)

	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

PX

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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Phenolic (09 Tapered Roller Bearing)

	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

TM

Laminated Phenolic (09 Tapered Roller Bearing)

	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

TL

Cast Iron (09 Tapered Roller Bearing)

	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

CA

Ductile Iron (01 Roller Bearing)

	12	3 1/2	6000	15 3/4	4 1/2	103 1/2	93FM12601
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FM

94

BBL Super Duty Casters (Ball Load Swivel)

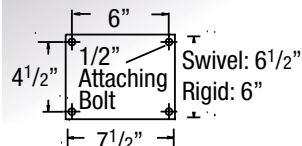


This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

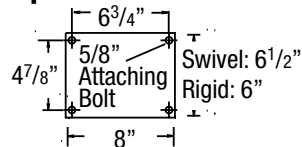
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

MOUNTING PLATE Standard Plate



Optional C Plate



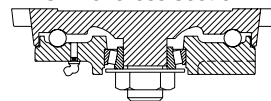
FEATURES

- **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



Swivel Cross Section



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

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

MR	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

Heavy Duty Moldon Rubber on Cast Iron (09 Tapered Bearing) NEW MODEL!

MH	10	3	1800	12 1/2	2 1/2	39 3/4	94MH10509SBBL
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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

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

PY	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

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

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PI	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

*Roller (01) bearings available. Change "01" to other bearing code.
Example: 94PI06401SBBL

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 Aluminum (09 Tapered Roller Bearing)***NEW MODEL!**

PD

8	3	2520	10 1/2	2 1/2	37	94PD08509SBBL
10	3	3000	12 1/2	2 1/2	39 1/2	94PD10509SBBL

* Roller (01) bearings available.

Change "09" to bearing code. Roller example: 92PD08501SBBL

Thick Tread Polyurethane (09 Tapered Roller Bearing)

PX

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

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

Vulkollan on Cast Iron (01 Roller Bearing)***NEW MODEL!**

VY

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

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision example: 94VY06428SBBL

Thick Tread Vulkollan (01 Roller Bearing)**NEW MODEL!**

VX

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

*Tapered Roller (09) and Precision Ball (28) bearings available. Change "09" to other bearing code. Precision example: 94VX06428SBBL

Phenolic (09 Tapered Roller Bearing)

TM

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

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

Laminated Phenolic (09 Tapered Roller Bearing)

TL

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

Cast Iron (09 Tapered Roller Bearing)

CA

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

Drop Forged Steel (01 Roller Bearing)

FS

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

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

FR, FM, VM

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

*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

Ductile Iron (09 Tapered Roller Bearing)

FM

12	3 1/2	5000	15 1/2	2 1/2	67 1/2	94FM12609SBBL
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Prevenz™ Antimicrobial WheelsTo 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)

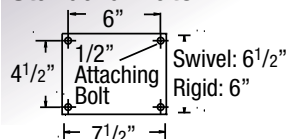


This caster has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL") and is precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

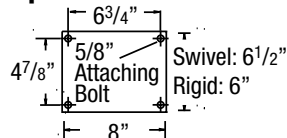
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steelmills
- Aircraft maintenance
- Gantries

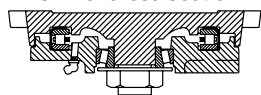
MOUNTING PLATE Standard Plate



Optional C Plate



Swivel Cross Section



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) (Based on 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	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

Moldon Rubber on Cast Iron (09 Tapered Roller Bearing)

MR	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

Heavy Duty Moldon Rubber on Cast Iron (09 Tapered Bearing) NEW MODEL!

MH	10	3	1800	12 1/2	2 1/2	39 3/4	94MH10509STRL
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Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	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

Polyurethane on Cast Iron (09 Tapered Roller Bearing)

PY	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.

Polyurethane on Cast Iron (09 Tapered Roller Bearing)*

PI	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

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

Swivel caster numbers shown,
for rigid change STRL to R**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

*Roller (01) bearings available.

Change "09" to bearing code. Roller example: 94PD08501STRL

PD

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

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

PX

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

*Roller (01) and Precision Ball (28) bearings available. Change "01" to other bearing code. Precision example: 94VY06428STRL

VY

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

*Tapered Roller (09) and Precision Ball (28) bearings available.
Change "01" to other bearing code.
Precision example: 94VX06528STRL

VX

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

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

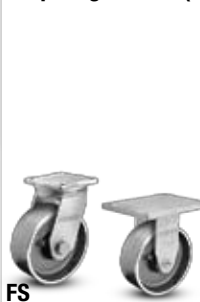
Cast Iron (09 Tapered Roller Bearing)

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

*Capacity decreases to 4000lbs if you specify a roller bearing (01).

CA

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

Swivel caster numbers shown,
for rigid change STRL to R**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

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

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

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

*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: 94FM08501STRL.

FR, FM, VM

Ductile Iron (09 Tapered Roller Bearing)

12	3 1/2	6000	15 1/2	2 1/2	67 1/2	94FM12609STRL
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FM

Prevenz™ Antimicrobial WheelsTo order add "PREV"
to end of model
number.

PY Prevenz™



PX Prevenz™

95

BBL Super Duty Casters (Ball Load Swivel)

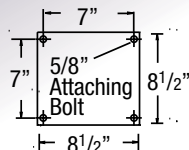


This caster has a ball load swivel (ball load swivel = "BBL") and is precision machined and heat treated to provide long life with greater capacity for that very rugged application. Made from AISI 1045 forged steel.

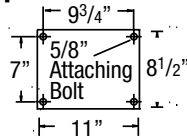
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steelmills
- Aircraft maintenance

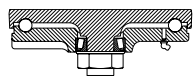
MOUNTING PLATE Standard Plate



Optional T Plate



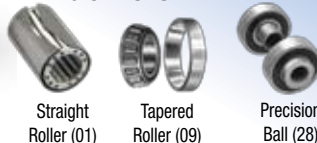
Swivel Cross Section



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) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
8	4	3500	11	2 1/4	63	95PX08701SBBL
10	4	4200	13	2 1/2	71	95PY10709SBBL
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

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

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

TM

*2 wheels bolted together

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

TL

*Tapered Roller Bearings (09) available. To order change bearing code.
Example 95TL08709SBBL. **2 wheels bolted together.

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

PY

Prevenz™ antimicrobial models available. Add PREV to end of model.
*Roller Bearings (01) available. To order change bearing code.
Example 95PY08701SBBL

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)

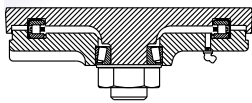


This caster has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL") and is precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

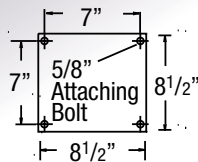
TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants

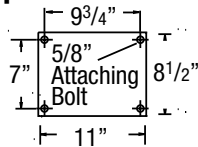
Swivel Cross Section



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
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

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

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

*Tapered Roller Bearings (09) available. To order change bearing code.

Example 95PY08709STRL

PY

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
8	4	3500	11	2 1/2	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

Thick Tread Polyurethane (09 Roller Bearing)*

	8	4	3500	11	2 1/2	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

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

*Roller Bearings (01) available. To order change bearing code.

Example 95PX08701STRL

PX

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

*2 wheels bolted together

TM

95TRL Series Continued

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

Swivel caster numbers shown,
for rigid change STRL to R

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

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

Swivel caster numbers shown,
for rigid change STRL to R

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)

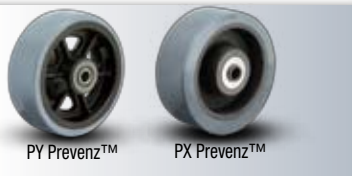
12	3 1/2	6000	15 1/2	2 1/2	83 1/2	95FM12601STRL
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FM

Prevenz™ Antimicrobial Wheels

To order add "PREV"
to end of model
number.



PY Prevenz™

PX Prevenz™

When it was time to
move the Liberty Bell to
the new Liberty Bell
Center, only one caster
company got the call . . .

ALBION

ALBION®

Item Page

Shockmaster™ and Contender™ . . 99
Introduction

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

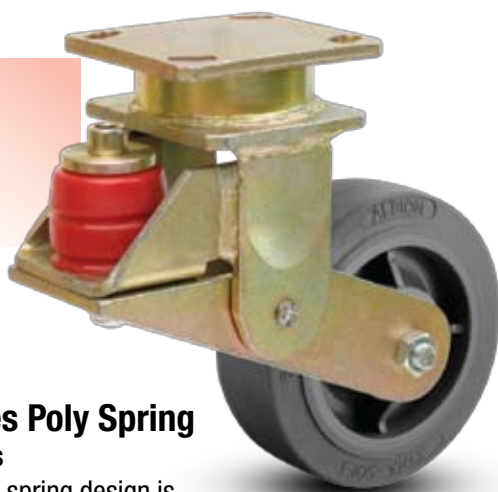
Spring Loaded

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

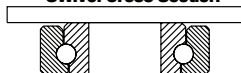


"Stamped Steel" fully heat treated construction is more durable than competitor's case or induction hardened construction.

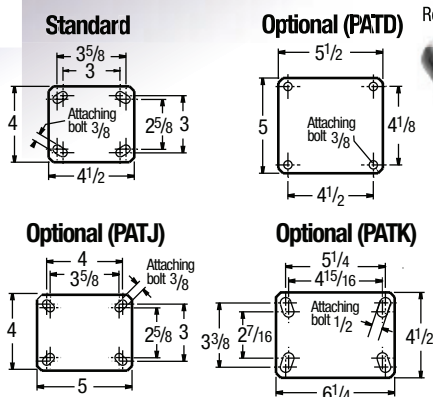
TYPICAL APPLICATIONS

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

Swivel Cross Section



MOUNTING OPTIONS



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 race-way. 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**



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

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

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

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

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: 110MD04251

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

Continue on next page

110 SERIES • CAPACITY TO 2000

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Ride 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.

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

XR

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).

RM

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

RR

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

SF

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.

PB

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.

GP

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

PW

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

RW

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Ride 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.

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

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

PD

*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

PI

*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

PM

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

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.

XA

*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

XI

*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.

XP

*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

XV

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

TM

*All 110 bearings listed are available. Delrin example: 110TM04251

Continue on next page

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

*All 110 bearings listed are available. Delrin example: 110TH04251

TH

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

*All 110 bearings listed are available. Delrin example: 110NG04251

NG

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

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

*All 110 bearings listed are available. Delrin example: 110NR04251

NR

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

*All 110 bearings listed are available. Delrin example: 110HE04251

HE

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

8	2	1750	10 1/8	2 1/4		110NY08228
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NY

White Nylon (01 Roller Bearing)*

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

NEW MODEL!

*Delrin (51) Bearings or plain bore (00) models available.
Change "01" example: 110NW05251.

NW

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

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

*All 110 bearings listed are available. Delrin example: 110CA04251

CA

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

*All 110 bearings listed are available. Delrin example: 110CH04251

CH

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

*All 110 bearings listed are available. Delrin example: 110FS04251

FS

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

*All 110 bearings listed are available. Delrin example: 110VG04251

VG

Ductile Iron Crowned Tread (01 Roller Bearing)

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

NEW MODEL!

*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.

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™

NEW MODEL!

Contender™ Stainless Steel Casters

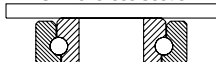


This caster is the ideal solution for applications where frequent wash-downs are necessary. The polished stainless steel caster is also well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

TYPICAL APPLICATIONS

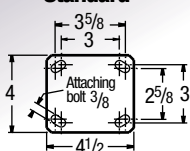
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

Swivel Cross Section

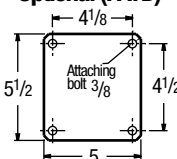


MOUNTING OPTIONS

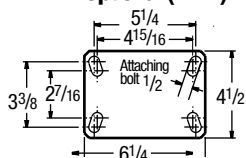
Standard



Optional (PATD)



Optional (PATK)



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 swivel lock specify **SL1200000**



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 manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

5	2	300	6 1/2	13/8		120RM05228
6	2	350	7 1/2	19/16		120RM06228
8	2	450	10 1/2	2 1/4		120RM08228

RM

NEW MODEL!

For black tread specify "RL" wheel code (example 120RL05228).

Polypropylene (01 Roller Bearing)*

4	2	450	5 5/8	13/16		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

PB

*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		120PW04241
5	2	325	6 1/2	1 3/8		120PW05241
6	2	350	7 1/2	1 9/16		120PW06241

PW

Continue on next page

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

4	2	350	5 5/8	13/16		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



XS

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



XR

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**

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

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

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: 120NG04229.

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

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: 120NR04229.

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

NW

*Delrin (51) Bearings or plain bore (00) models available.

Change "01" example: 120NW05251.

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

HE

*Stainless Steel Roller (01 ZB03) bearings available.

Change "01" to other bearing code. Example: 120HE04201 ZB03.

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

FS

Stainless steel models available, consult factory.

*Stainless Steel Roller (01 ZB03) bearings available.

Change "01" to other bearing code. Example: 120FS04201 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™

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 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 **SSB130**. **Double Sided** specify **DSB130**.



New! Face Brake
specify **FBD**



Hand operated field installable swivel lock specify **SL1200000**

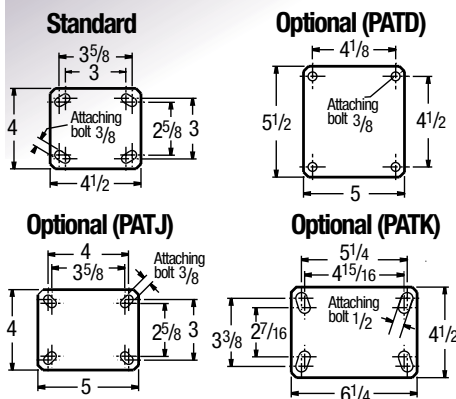


Caster features premium grade 304 stainless steel caster rig with a strong premium 316 stainless swivel section. The caster is well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

TYPICAL APPLICATIONS

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

MOUNTING OPTIONS



BEARING OPTIONS



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
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Swivel Cross Section



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



XS

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



XR

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



RM

NEW MODEL!

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



PB

*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



PW

Continue on next page

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.

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

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 130GP04251.

GP**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**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**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

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

XA**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

*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.

XI**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**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

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

Stainless Steel Roller Example: 130TM06201 ZB03

TM**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

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.

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

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.

NG**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

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.

NR**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

*Delrin (51) Bearings or plain bore (00) models available.
Change "01" example: 130NW05251.

NW**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

*Stainless Steel Roller (01 ZB03) bearings available.
Change "01" to other bearing code. Example: 130HE04201 ZB03.

HE**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

Stainless steel models available, consult factory.
*Stainless Steel Roller (01 ZB03) bearings available.
Change "01" to other bearing code. Example: 130FS04201 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™

310

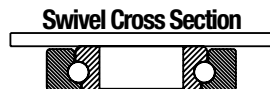
Contender™ Kingpinless Casters



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.

TYPICAL APPLICATIONS

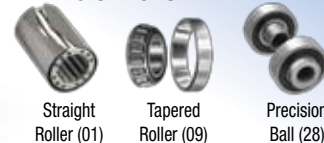
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs



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 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**



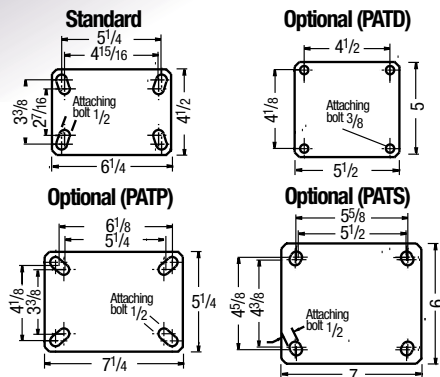
Single Side specify **SSB310**. **Double Sided** specify **DSB310**

New! Face Contact
specify **FBB**



Hand Operated Swivel Lock
specify **SL3000000**

MOUNTING PLATE



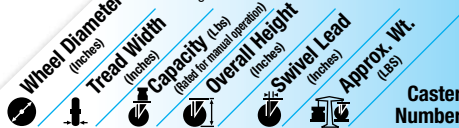
New! Contender S310 Spring Loaded Caster

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):



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	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

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	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

MR



*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

MH



*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
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XR

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



PD

Standard durometer 95 Shore A. Other durometers available.

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 310PD10409

Continue on next page

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.

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
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NR

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
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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

V-Groove Drop Forged Steel (01 Roller Bearing)

8	3	4100	10 1/8	2 1/16		310VF08501
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VG/VF

*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

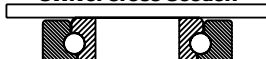


Designed from premium grade 304 stainless steel caster rig with a strong premium 316 stainless steel swivel section. Excellent finish to protect caster from cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust.

TYPICAL APPLICATIONS

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

Swivel Cross Section



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. Zerkl 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**

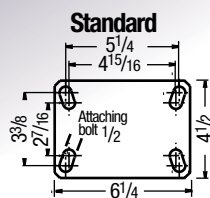
New! Face Contact
specify **FBB**



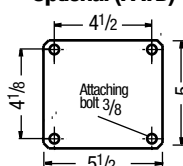
Hand Operated Swivel Lock
specify **SL3000000**

Note: above brake options are not stainless

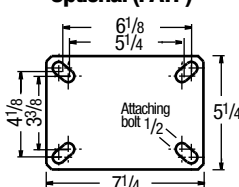
MOUNTING PLATE



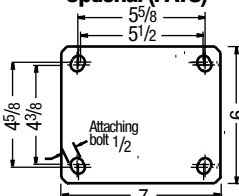
Optional (PATD)



Optional (PATP)



Optional (PATS)



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
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

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

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

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.

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

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		330NR10401
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NR

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

TM

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

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 330TM10409

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

10	3	2500	11 1/2	2 1/4		330NY10528
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NY

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.

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

Drop Forged V-Groove Cast Iron (01 Roller Bearing)

8	3	3000	10 1/8	2 1/16		330VF08501
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VF

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 330VF10409

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

FS

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 330FS10509

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.

410

Contender™ Kingpinless Casters

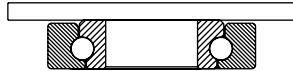


Designed from high quality, heat treated AISI 1045 stamped steel. Zinc plating delivers greater corrosion resistance than paint. Inside and outside welds deliver superior strength.

TYPICAL APPLICATIONS

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

Swivel Cross Section



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 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**



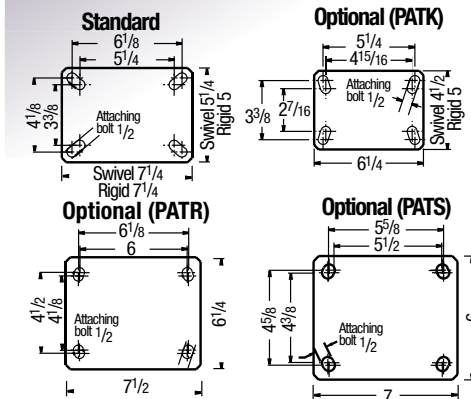
Single Side specify **SSB410**. **Double Sided** specify **DSB410**

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):



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	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 manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	3	2040	8	27/32		410PX06501
8	3	2520	10 1/2	2 15/16		410PX08501
10	2 1/2	2370	12 1/2	3 3/8		410PX10401
10	3	3000	12 1/2	3 3/8		410PX10501
12	2 1/2	2370	15 1/2	4 5/16		410PX12401
12	3	3420	15 1/2	4 5/16		410PX12501

Thick Tread Polyurethane (01 Roller Bearing)*

6	3	2040	8	27/32	410PX06501
8	3	2520	10 1/2	2 15/16	410PX08501
10	2 1/2	2370	12 1/2	3 3/8	410PX10401
10	3	3000	12 1/2	3 3/8	410PX10501
12	2 1/2	2370	15 1/2	4 5/16	410PX12401
12	3	3420	15 1/2	4 5/16	410PX12501

PX

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

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	2 15/16	410PI08401
8	3	2500	10 1/2	2 15/16	410PI08501
10	2 1/2	2200	12 1/2	3 3/8	410PI10401
10	3	3000	12 1/2	3 3/8	410PI10501
12	2 1/2	2500	15 1/2	4 5/16	410PI12401
12	3	3500	15 1/2	4 5/16	410PI12501

PI

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	2 15/16	410VY08401
8	3	4000	10 1/2	2 15/16	410VY08501
10	2 1/2	5000	12 1/2	3 3/8	410VY10501

VY

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

Vulkollan Thick Tread Polyurethane (01 Roller Bearing)*

6	3	3000	8	27/32	410VX06501
8	3	4000	10 1/2	2 15/16	410VX08501
10	3	5000	12 1/2	3 3/8	410VX10501

VX

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

X-treme Plus Solid Polyurethane (28 Precision Ball Bearing)*

8	2 1/2	2000	10 1/2	2 15/16	410XP08428
8	3	2000	10 1/2	2 15/16	410XP08528
10	2 1/2	2500	12 1/2	3 3/8	410XP10428
10	3	2500	12 1/2	3 3/8	410XP10528

XP

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

Maxim® NR Noise Reduction (01 Roller Bearing)*

10	2 1/2	1500	12 1/2	3 3/8	410NR10401
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NR

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

10	3	2500	12 1/2	3 3/8	410NY10528
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NY

Prevenz™ Antimicrobial Wheels

XR Prevenz™

PY Prevenz™

PX Prevenz™

XP Prevenz™

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
6	2 1/2	1600	8	27/32		410TM06401
6	3	2000	8	27/32		410TM06501
8	2 1/2	2000	10 1/2	2 15/16		410TM08401
8	3	2500	10 1/2	2 15/16		410TM08501
10	2 1/2	2500	12 1/2	3 3/8		410TM10401
10	3	2900	12 1/2	3 3/8		410TM10501
12	2 1/2	3000	15 1/2	4 5/16		410TM12401
12	3	3500	15 1/2	4 5/16		410TM12501

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	2 15/16	410TM08401
8	3	2500	10 1/2	2 15/16	410TM08501
10	2 1/2	2500	12 1/2	3 3/8	410TM10401
10	3	2900	12 1/2	3 3/8	410TM10501
12	2 1/2	3000	15 1/2	4 5/16	410TM12401
12	3	3500	15 1/2	4 5/16	410TM12501

TM

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

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	2 15/16	410NX08428
8	3	5400	10 1/2	2 15/16	410NX08528
10	2 1/2	5400	12 1/2	3 3/8	410NX10428
10	3	5400	12 1/2	3 3/8	410NX10528

NX

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	2 15/16	410CA08401
8	3	2800	10 1/2	2 15/16	410CA08501
10	2 1/2	2300	12 1/2	3 3/8	410CA10401
10	3	2800	12 1/2	3 3/8	410CA10501
12	3	2800	15 1/2	4 5/16	410CA12501

CA

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

V-Grooved Cast Iron (01 Roller Bearing)*

6	2 1/2	2500	8	27/32	410VG06401
8	2 1/2	2500	10 1/2	2 15/16	410VG08401
8	3	2500	10 1/2	2 15/16	410VG08501
10	3	3500	12 1/2	3 3/8	410VG10501

VG

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

Drop Forged V-Grooved Cast Iron (01 Roller Bearing)*

8	3	4100*	10 1/2	2 15/16	410VF08501
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VF

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 410VF08509. 8x3 VF capacity increases to 5400.

Drop Forged Steel (01 Roller Bearing)*

6	2 1/2	4000	8	27/32	410FS06401
8	2 1/2	4000	10 1/2	2 15/16	410FS08401
8	3	4500	10 1/2	2 15/16	410FS08501
10	3	5000	12 1/2	3 3/8	410FS10501

FS

*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.

Ductile Iron Crowned Tread (01 Roller Bearing)

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	3500	8	27/32		410FR06401
6	3	5400	8	27/32		410FR06501
8	3	5400	10 1/2	2 15/16		410FR08501
10	3	5400	12 1/2	3 3/8		410FR10501

FR, FM, VM

*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.

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.

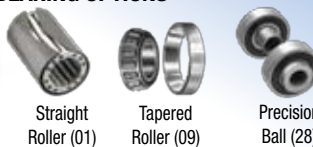
TYPICAL APPLICATIONS

- 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**



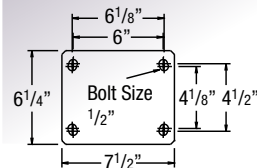
Single Side specify **SSB610**. **Double Sided** specify **DSB610**

Face Contact
specify **F**

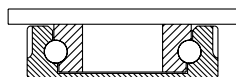


Hand Operated Swivel Lock
specify **SL6000000**

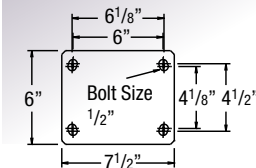
MOUNTING PLATE: SWIVEL



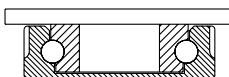
Swivel Cross Section



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)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2 1/2	540	8 1/2	1 3/4		610MR06401
6	3	680	8 1/2	1 3/4		610MR06501
8	2 1/2	670	10 1/2	2 1/4		610MR08401
8	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

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)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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

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



PY

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

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 610PY10509

Continue on next page

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.

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



PI

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



PX

*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



VY

*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



VX

*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



XP

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



TM

*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
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NY

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.

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



NX

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



CA

*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



VG

*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



VF

*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



FS

*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



FH

*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



FR, FM, VM

*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.

100

Shockmaster™ Kingpinless Casters



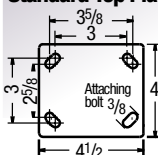
Particularly well-suited to any type of power-towed applications where impact and shock loading cause failure in conventional king bolt and nut swivel casters.

TYPICAL APPLICATIONS

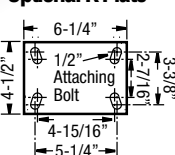
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

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

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

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.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
6	2	450	7 1/2	1 5/8		100XR06202
8	2	600	10 1/8	1 3/4		100XR08202

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).

Continue on next page

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Ride 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.

Pneumatic (27 Industrial Ball Bearing)

	6	2	200	7 1/2	1 5/8	100SF06227
	8	2	210	10 1/8	1 3/4	100SF08227

SF

Polypropylene (02 Drawn Cup Roller Bearing)*

	4	2	450	5 5/8	1 11/16	100PB04202
	5	2	650	6 1/2	1 11/16	100PB05202
	6	2	750	7 1/2	1 5/8	100PB06202
	8	2	1000	10 1/8	1 3/4	100PB08202

PB

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 100PB04251.

White Polypropylene (41 Plain Bore)

	4	2	450	5 5/8	1 11/16	100PW04241
	5	2	650	6 1/2	1 11/16	100PW05241
	6	2	750	7 1/2	1 5/8	100PW06241

PW

Fiberglass Filled Polypropylene (01 Roller Bearing)*

	4	2	350	5 5/8	1 11/16	100GP04202
	5	2	800	6 1/2	1 11/16	100GP05202
	6	2	1000	7 1/2	1 5/8	100GP06202
	8	2	1400	10 1/8	1 3/4	100GP08202

GP

*Delrin (51) Bearings or plain bore (41) models available.
Change "01" example: 100GP04251.

High Temp Polypropylene (41 Plain Bore)

	4	2	500	5 5/8	1 11/16	100RW04241
	5	2	650	6 1/2	1 11/16	100RW05241
	6	2	700	7 1/2	1 5/8	100RW06241
	8	2	900	10 1/8	1 3/4	100RW08241

RW

Polyurethane on Aluminum (02 Drawn Cup)

	4	2	700	5 5/8	1 11/16	100PD04202
	5	2	1050	6 1/2	1 11/16	100PD05202
	6	2	1230	7 1/2	1 5/8	100PD06202
	8	2	1500	10 1/8	1 3/4	100PD08202

PD

Polyurethane on Cast Iron (02 Drawn Cup Roller Bearing)

	4	2	700	5 5/8	1 11/16	100PI04202
	5	2	1000	6 1/2	1 11/16	100PI05202
	6	2	1200	7 1/2	1 5/8	100PI06202
	8	2	1400	10 1/8	1 3/4	100PI08202

PI

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearings)

	5	2	1000	6 1/2	1 11/16	100PM05228
	6	2	1250	7 1/2	1 11/16	100PM06228
	8	2	1500	10 1/8	1 3/4	100PM08228

PM

Polyurethane on Polypropylene (02 Drawn Cup Roller)

	4	2	600	5 5/8	1 11/16	100XA04202
	5	2	750	6 1/2	1 11/16	100XA05202
	6	2	900	7 1/2	1 3/4	100XA06202
	8	2	1000	10 1/8	1 3/4	100XA08202

XA

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Ride 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.

X-Treme™ Solid Polyurethane (02 Drawn Cup Roller)*

	4	2	1000	5 5/8	1 11/16	100XI04202
	5	2	1000	6 1/2	1 11/16	100XI05202
	6	2	1000	7 1/2	1 5/8	100XI06202
	8	2	1000	10 1/8	1 3/4	100XI08202

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: 100XI04229.

X-Treme™ Plus Solid Polyurethane (02 Drawn Cup Roller)*

	4	2	1400	5 5/8	1 11/16	100XP04202
	5	2	1200	6 1/2	1 11/16	100XP05202
	6	2	1400	7 1/2	1 5/8	100XP06202
	8	2	1200	10 1/8	1 3/4	100XP08202

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: 100XP04228.

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

	4	2	300	5 5/8	1 11/16	100XV04202
	5	2	300	6 1/2	1 11/8	100XV05202
	6	2	300	7 1/2	1 5/8	100XV06202

XV

Phenolic (02 Drawn Cup Roller Bearing)

	4	2	800	5 5/8	1 11/16	100TM04202
	5	2	1000	6 1/2	1 11/8	100TM05202
	6	2	1200	7 1/2	1 5/8	100TM06202
	8	2	1400	10 1/8	1 3/4	100TM08202

TM

Straight Sided Phenolic (02 Drawn Cup Roller Bearing)

	4	2	1000	5 5/8	1 11/16	100TH04202
	5	2	1200	6 1/2	1 11/16	100TH05202
	6	2	1400	7 1/2	1 5/8	100TH06202

TH

Maxim® (02 Drawn Cup Roller Bearing)*

	4	2	800	5 5/8	1 11/16	100NG04202
	5	2	1000	6 1/2	1 11/16	100NG05202
	6	2	1200	7 1/2	1 5/8	100NG06202
	8	2	1400	10 1/8	1 3/4	100NG08202

NG

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)*

	4	2	800	5 5/8	1 11/16	100NR04202
	5	2	1000	6 1/2	1 11/16	100NR05202
	6	2	1200	7 1/2	1 5/8	100NR06202
	8	2	1400	10 1/8	1 3/4	100NR08202

NR

*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)*

5	2	600	6 1/2	1 11/16	100NW05202
6	2	900	7 1/2	1 5/8	100NW06202
8	2	1100	10 1/8	1 3/4	100NW08202

*Delrin (51) Bearings or plain bore (00) models available
Change "01" example: 100NW05251

NW

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) (Ride for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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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

Trionix™ High Impact Polymer (28 Precision Ball Bearings)

8	2	1750	10 1/8	1 3/4		100NY08228
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NY

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

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

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) (Ride for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
----------------------------	-------------------------	--	----------------------------	-------------------------	----------------------	------------------

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

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

FS

*Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 100FS04109).

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

VG

*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

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

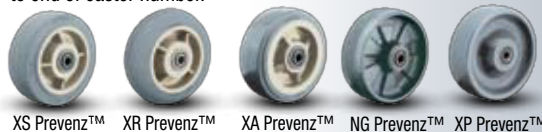
FR, FM

*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.

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.

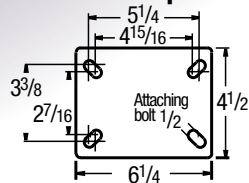
TYPICAL APPLICATIONS

- Tire building support equipment
- Fixture carts
- Trash gondolas
- Drywall dollies
- Autoclave dollies

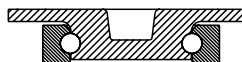
Premium
Forged Steel

MOUNTING PLATE

Standard Top Plate



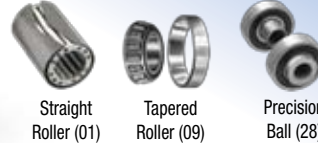
Swivel Cross Section



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



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**



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
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

Moldon Rubber on Cast Iron (01 Roller Bearing)

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)

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

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 on manual operation)	Overall Height (inches)	Swivel Lead (inches)	Approx. Wt. (Lbs)	Caster Number
10	2 1/2	850	11 1/2	2 1/2		300XR10401

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

10	2 1/2	850	11 1/2	2 1/2	300XR10401
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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

XR

Polyurethane on Aluminum (01 Roller Bearing)*

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

PD

Polyurethane on Cast Iron (01 Roller Bearing)

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

PY



300 SERIES • CAPACITY TO 5500

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)

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



PI

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

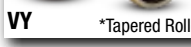


PX

*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



VY

*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	2 1/4		300VX08501
10	2 1/2	3450	11 1/2	2 1/2		300VX10401
10	3	5000	11 1/2	2 1/2		300VX10501



VX

*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



XP

*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



TM

*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
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NY

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

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	2 1/4		300NX08528
10	2 1/2	5500	11 1/2	2 1/2		300NX10428
10	3	5500	11 1/2	2 1/2		300NX10528

NX

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



CA

*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



VG

*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	5000	11 1/2	2 1/2		300VF10501



VF

*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



FS

*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



FR, FM, VM

*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.



XR Prevenz™

PY Prevenz™

PX Prevenz™

XP Prevenz™

400

Shockmaster™ Kingpinless Casters

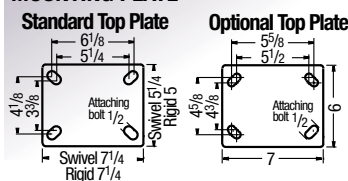


Extra heavy duty durable forged steel construction. Shockmaster through-hardened construction is much more durable than competitor's case or induction hardened construction.

TYPICAL APPLICATIONS

- Heavy duty power drawn applications
- High capacity die tables
- Portable work benches
- Machinery dollies
- Heavy production fixtures or jigs
- Corrugated steel box trucks
- Heavy portable storage racks

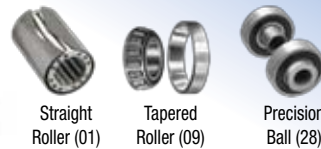
MOUNTING PLATE



FEATURES

- **Top Plate:** 3/8" thick 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



RIG OPTIONS

- Spring-loaded, dual wheel models available, consult factory.

BRAKE OPTIONS

Poly Cam
specify **P**



Single Side specify **SSB400**. **Double Sided** specify **DSB400**

Face Contact
specify **F**



New! Contender S400 Spring Loaded Caster

To order put "S" in front of Caster Number (Example (\$400MR06401S):



S610 shown

NEW! Face Brake
specify **FBB**



Hand Operated Detachable Swivel Lock specify **L**
Hand Operated Swivel Lock specify **SL4000000**



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
8	2 1/2	850	10 1/2	2 1/2		400MR08401
8	3	900	10 1/2	2 1/2		400MR08501
10	2 1/2	950	12 1/2	2 1/2		400MR10401
10	3	1000	12 1/2	2 1/2		400MR10501
12	2 1/2	950	15 1/2	2 1/2		400MR12401
12	3	1200	15 1/2	2 1/2		400MR12501

Moldon Rubber on Cast Iron (01 Roller Bearing)

8	2 1/2	850	10 1/2	2 1/2	400MR08401
8	3	900	10 1/2	2 1/2	400MR08501
10	2 1/2	950	12 1/2	2 1/2	400MR10401
10	3	1000	12 1/2	2 1/2	400MR10501
12	2 1/2	950	15 1/2	2 1/2	400MR12401
12	3	1200	15 1/2	2 1/2	400MR12501

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400MR10409

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

8	2 1/2	1300	10 1/2	2 1/2	400MH08401
10	2 1/2	1500	12 1/2	2 1/2	400MH10401
10	3	1800	12 1/2	2 1/2	400MH10501
12	2 1/2	1700	15 1/2	2 1/2	400MH12401

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400MH10409

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

10	2 1/2	850	12 1/2	2 1/2	400XR10401
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Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Precision Ball (28) bearings available. Change "01" to "28".
Precision example: 400XR10428

Polyurethane on Aluminum (01 Roller Bearing)

8	2 1/2	2010	10 1/2	2 1/2	400PD08401
8	3	2520	10 1/2	2 1/2	400PD08501
10	2 1/2	2370	12 1/2	2 1/2	400PD10401
10	3	3000	12 1/2	2 1/2	400PD10501

*Tapered Roller (09) and Precision Ball (28) bearings available.
Change "01" to "09". Tapered example: 400PD10409

Polyurethane on Cast Iron (01 Roller Bearing)

6	2 1/2	1620	8	2 1/4	400PY06401
6	3	2040	8	2 1/4	400PY06501
8	2 1/2	2010	10 1/2	2 1/2	400PY08401
8	3	2520	10 1/2	2 1/2	400PY08501
10	2 1/2	2370	12 1/2	2 1/2	400PY10401
10	3	3000	12 1/2	2 1/2	400PY10501
12	2 1/2	2700	15 1/2	2 1/2	400PY12401
12	3	3420	15 1/2	2 1/2	400PY12501

Prevenz™ antimicrobial models available.
Add PREV to end of caster number.
*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400PY10409

400 SERIES • CAPACITY TO 5500

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
						

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

PX



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400PX10509

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

VY



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VY10509

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

VX



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VX10509

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

XP



*Precision Ball (28) bearings available. Change "01" to "28"
Example: 400XP10428. Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

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

TM



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400TM10409

Trionix™ High Impact Polymer (28 Precision Ball Bearing)

10	3	2500	12 1/2	2 1/2	400NY10528
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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

CA



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400CA10409

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

VG



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VG10509

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

VF



*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 400VF08509. 8x3 VF capacity increases to 5500lbs.

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

FS



*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.

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

FR, FM, VM



*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.

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**

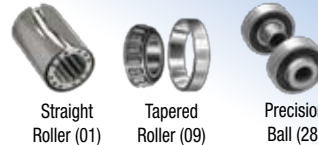


Hand Operated Detachable Swivel Lock specify **L**.
Hand Operated field installable Swivel Lock specify **SL6000000**

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):



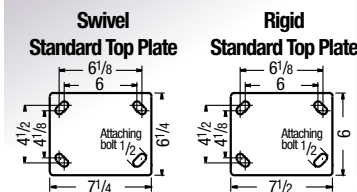
S610 shown

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



Swivel Cross Section



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
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

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

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
6	2 1/2	700	8 1/2	2 1/2		600PD08401
6	3	750	8 1/2	2 1/2		600PD08501
8	2 1/2	850	10 1/2	2 1/2		600PD10401
8	3	900	10 1/2	2 1/2		600PD10501

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

600 SERIES • CAPACITY TO 1000

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

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

PI

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

PX

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600PX10509

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

VY

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600VY10509

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

VX

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600VX10509

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

XP

*Precision Ball (28) bearings available. Change "01" to "28"
Example: 600XP08428. Prevenz™ antimicrobial models available.
Add PREV to end of caster number.

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

TM

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

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

NX

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

CA

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

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

VG

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

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

VF

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 600VF0509
**Capacity increases to 10000 lbs. if specifying tapered roller bearing.

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

FS

*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.

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

FH

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

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

FR, FM, VM

*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.

Prevenz™ Antimicrobial Wheels

700

Shockmaster™ Kingpinless Casters



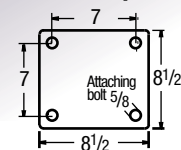
These super duty casters are built specifically for that severe application where reliability is essential.

TYPICAL APPLICATIONS

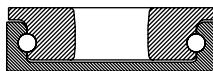
- Aircraft engine stands
- Ground support equipment
- Aerospace A-frame skin dollies
- Portable jigs
- Tooling fixtures
- Die carts
- Large platform work

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**



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

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

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)

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

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 • CAPACITY TO 20000

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
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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

PX

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700PX10709

Phenolic (09 Tapered Roller Bearing)

12	4	8000	15 1/2	4 1/4	700TM12709
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TM

Cast Iron (01 Roller Bearing)

8	4	4000	11	2 1/4	700CA08701
10	4	4000	13	2 1/2	700CA10701

CA

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700CA10709

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

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
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Drop Forged Steel (01 Roller Bearings)*

8	4	8350	11	2 1/4	700FS08701
10	4	8350	13	2 1/2	700FS10701

FS

*Tapered Roller (09) bearings available. Change "01" to "09"
Example: 700FS10509. Capacity increases to 10,000.

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

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™

850

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**



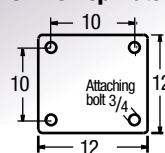
Hand Operated
Detachable
Swivel Lock
specify **L**



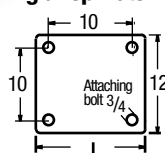
Hand Operated
Swivel Lock
specify **SL8000000**

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) (Rate for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Wheel Type	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	850OG12709
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	850OG18809
18	9	20000	22	4 1/2		Press-on Polyurethane	850OG18909



NEW MODEL!

141

Contender Poly Spring

BEARING OPTIONS

(28) Precision Ball



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

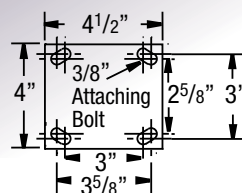


This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. Equally at home in other extremely abusive and rugged applications.

TYPICAL APPLICATIONS

- Aircraft tripod jacks
- Portable medical equipment, computer equipment
- Any shock sensitive load

MOUNTING PLATE



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Swivel Lead (Inches)	Caster Number
5	2	300	3	141RM05228S
6	2	350	3	141RM06228S
8	2	450	3	141RM08228S

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

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	14XRL06228S
8	2	500	3	14XR08228S

XR

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

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

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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

S310
S410
S610

Shockmaster

S300
S400
S600
S700

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"
S600YA12801R	12	5	3000	1.30"	16.88"		
S600YA12801S	12	5	3000	1.30"	16.88"	5.31"	11.62"

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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Item **Page**

Dual Wheel Casters

Aviation/GSE Introduction Page 131



216 Cantilever-Style Casters 132
Capacity to 900 lbs.



263 Cantilever-Style Casters 133
Capacity to 2000 lbs.



281 Cantilever-Style Casters 134
Capacity to 2000 lbs.



290 Cantilever-Style Casters 135
Capacity to 3500 lbs.



272 Standard Casters 136
Capacity to 1440 lbs.



281 Standard Casters 136
Capacity to 2000 lbs.



290/292/293 Standard Casters 137
Capacity to 5800 lbs.



295BBL/295TRL Standard Casters. . 138
Capacity to 12000 lbs.



298 Aviation Ground Equipment. . . 139
Casters, Capacity to 20000 lbs.

Item **Page**

Pneumatic Casters



12/16/72 Semi-Pneumatic. 140
Casters, Capacity to 540 lbs.



12/72/90 Pneumatic Casters 141
Capacity to 1170 lbs.



94/95 Pneumatic Casters 142
Capacity to 3630 lbs.



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.

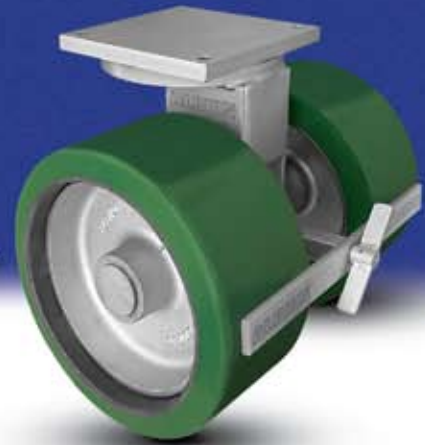


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Perfect replacement tire for 146
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applications, Capacity to 350 lbs.

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Dual Wheel Casters..... 132-139

Pneumatic Casters..... 140-143

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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)

Wheel Diameter (Inches)		Tread Width (Inches)	Capacity (Rated for manual operation) (Lbs)	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	13 3/4	45/8	5 3/4		Mold-on Rubber/Iron	216MR03101
3 1/4	1 1/2	840	4 1/4	13 3/4	45/8	5 1/2		Polyurethane/Iron	216PY03101
3 1/4	1 1/2	900	4 1/4	13 3/4	45/8	5 1/4		Phenolic	216TM03101
4	1 1/2	340	5 5/8	13 3/4	47/8	6 1/2		Rubber	216RR04101
4	1 1/2	500	5 5/8	13 3/4	47/8	8		Mold-on Rubber/Iron	216MR04101
4	1 1/2	500	5 5/8	13 3/4	47/8	6		Mold-on Rubber/Alu.	216MD04101
4	1 1/2	800	5 5/8	13 3/4	47/8	5 1/2		Polypropylene	216PB04101
4	1 1/2	900	5 5/8	13 3/4	47/8	5 3/4		Phenolic	216TM04101
4	1 1/2	900	5 5/8	13 3/4	47/8	5 3/4		Polyurethane/Alum.	216PD04101
5	1 1/2	480	6 1/2	15 5/8	5 1/4	7 1/2		Rubber	216RR05101
5	1 1/2	600	6 1/2	15 5/8	5 1/4	8 1/2		Mold-on Rubber/Iron	216MR05101
5	1 1/2	600	6 1/2	15 5/8	5 1/4	6 1/2		Mold-on Rubber/Alu.	216MD05101
5	1 1/2	900	6 1/2	15 5/8	5 1/4	6 1/4		Polypropylene	216PB05101
5	1 1/2	900	6 1/2	15 5/8	5 1/4	6 1/2		Phenolic	216TM05101
5	1 1/2	900	6 1/2	15 5/8	5 1/4	6 1/4		Polyurethane/Alum.	216PD05101
6	1 1/2	540	7 1/4	15 5/8	5 3/4	9		Rubber	216RR06101
6	1 1/2	900	7 1/4	15 5/8	5 3/4	7		Polypropylene	216PB06101
6	1 1/2	900	7 1/4	15 5/8	5 3/4	7		Phenolic	216TM06101
6	1 1/2	900	7 1/4	15 5/8	5 3/4	12		Polyurethane/Alum.	216PY06101
8	1 1/2	720	9 1/2	15 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) (Rate for manual operation)	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		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		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.

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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)

Cantilever-Style Dual Wheel Casters

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 90 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

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) (Rate for manual operation)	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	

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



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) (Rate for manual operation)	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	

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

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 72 Series section for features and mounting options. Note 272 Series is a dual wheel 72 Series.

BEARING OPTIONS

Straight
Roller (01)Industrial Ball
(27)Precision Ball
(28)

281



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Wheel Type	Caster Number Roller Bearing (01), Industrial Ball (27) Precision Ball (28)
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For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

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		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	10-3/4	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		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		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

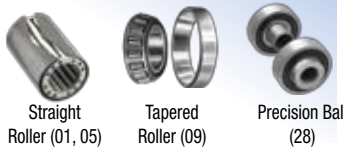


Designed for greater capacity and better distribution of floor load with lowest possible overall height. These casters have differential action when changing direction, thus greatly reducing the scrubbing effect resulting from use of wide faced, small diameter wheels.

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)

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

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	293MR16709
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	293MR16809
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.

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 normal operation) Overall Height (Inches) Swivel Lead (Inches) Approx. Wt. (Lbs)							Wheel Type	Caster Number Roller Bearing (01)	Caster Number Tapered Roller (09)
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		295PY12801SBBL	295PY12809SBBL

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)	Caster Number Tapered Roller (09)
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		295PY12801STRL	295PY12809STRL

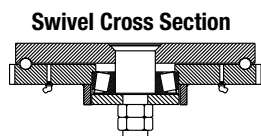
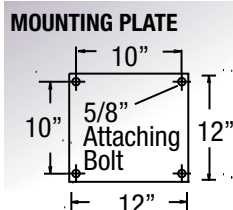
298

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



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) (Based on manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number
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

Press-on Rubber (09 Tapered Roller Bearing)



OA

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

Press-on Polyurethane (09 Tapered Roller Bearing)



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

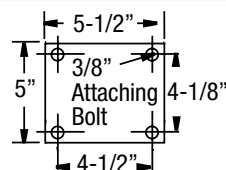
- Swivel lock specify **L**
- Face contact brake **F**
- Foot activated swivel lock specify **SL160001** (16 Series Model)
- Sealed swivel specify **NS**

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

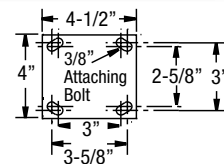
12 Series

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



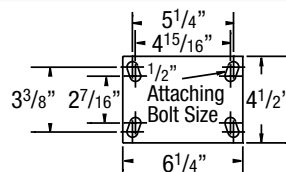
16 Series

6	2.00EHS	200	7-3/8	1-3/4	6-1/4	16SN06227	16SN06201
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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



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

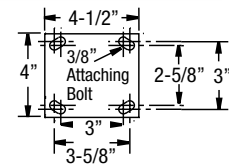
- Swivel lock specify **L**
- Foot activated swivel lock specify **SL160002** (16 Series Models)
- Face contact brake specify **F**
- Sealed Swivel specify **NS**
- Foam fill available please consult factory
- Precision bearings available please consult factory
- For towed applications tapered bearings are recommended

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Rated for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number Ball Bearing (27)	Caster Number Roller Bearing (01)
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For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

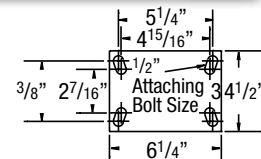
16 Series

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



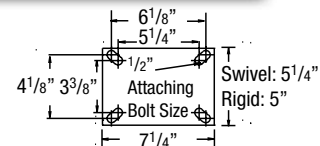
72 Series

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



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

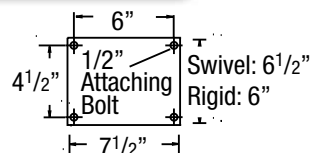
- Swivel lock specify **L**
- Face contact brake specify **F**
- Sealed Swivel specify **NS**
- Foam fill please consult factory

Wheel Diameter (Inches)	Tread Width/Type (Inches)	Capacity (Lbs) (Based on nominal specification)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number Tapered Bearing (09)
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Swivel caster numbers shown,
for rigid change **SBBL** to **R**

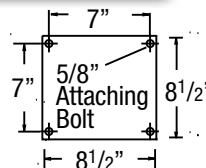
94BBL Series

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



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 manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (Lbs)	Caster Number Roller Bearing (01), Tapered Bearing (09)
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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

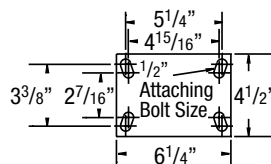
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Cushion wheel protects equipment
- **Bearings:** Ball or roller bearings

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

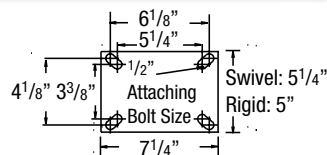
OPTIONS

- Swivel lock specify **L**
- Face contact brake specify **F**
- Sealed Swivel specify **NS**
- Foam fill please consult factory



290 Series Cantilever

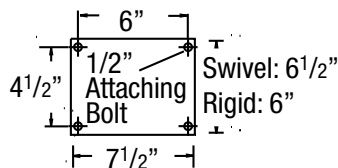
12	4.10/6	890	15-1/2	3-1/2	35	290SF12701
14	5.30/6	1570	17-3/4	4	41	290SF14801
16	4.80/9	2000	19-1/8	4-1/2	53-1/4	290SF16801
18	5.70/8	2340	21-1/4	5	59-3/4	290SF18901



294BBL Series Cantilever

Swivel caster numbers shown,
for rigid change **SBBL** to **R**

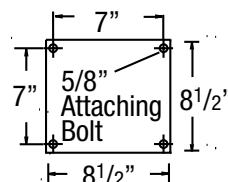
16	4.80/8	2600	19-1/8	4	71	294SF16809SBBL
18	5.70/8	3180	21-1/2	4-1/2	81-3/4	294SF18909SBBL



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!

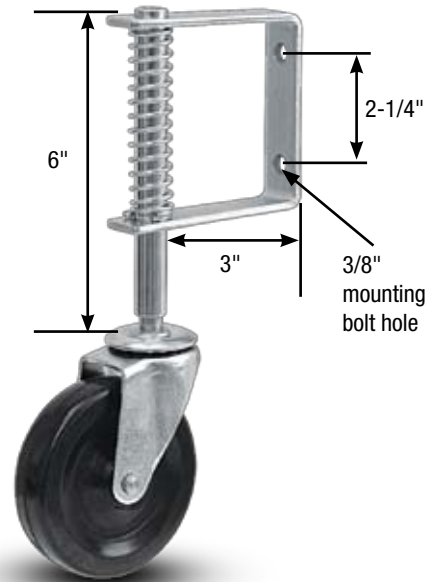
Gate Casters



Castors are designed to make gate opening and closing easy. Castors feature gate mounts and spring loaded shock absorption.

FEATURES

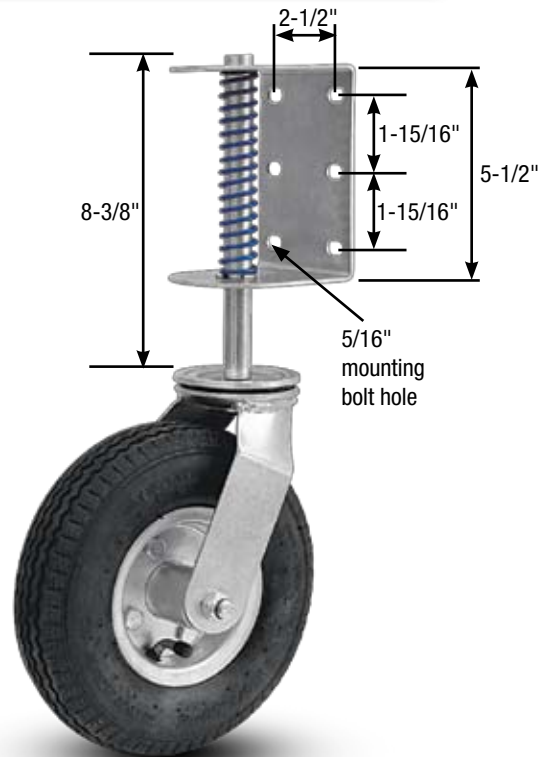
- Gate mount integrated in caster
- Spring loaded design provides shock absorption



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Load for manual operation)	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) (Load for manual operation)	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

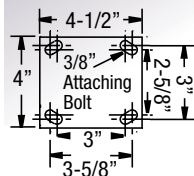
- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate.
- **Swivel Section:** Smooth formed, double ball bearing raceways
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **King Pin:** 5/8" diameter orbitally spun steel rivet
- **Axle:** 1/2" diameter solid axle 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

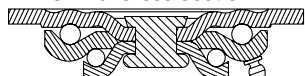
- Hotels, motels and resorts.
- Laundry and Linen services
- Hospitals and institutions
- Restaurants
- Bellman carts

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
8	2.50/4	210	9 1/2	1 3/4	6 1/2	14SF08427S002
8	2.50/4	210	9 1/2	1 3/4	6 1/2	14SF08427S004

14 Series Caster with Pneumatic Wheel



Black Tread

8 | 2.50/4 | 210 | 9 1/2 | 1 3/4 | 6 1/2 | 14SF08427S002

Grey Tread

8 | 2.50/4 | 210 | 9 1/2 | 1 3/4 | 6 1/2 | 14SF08427S004

SF

Replacement Wheels

Application Examples



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)
8	2.50/4	210	2-7/16	1-3/8	1/2	3	SF084270805
8	2.50/4	210	2-7/16	1-3/8	1/2	3	SF084270806

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) (Rated 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
 CA Cast Iron Wheels. 147-148 Capacities to 6000 lbs.	
 CW Large Bore Cast Iron Wheels . . . 148 Capacities to 8000 lbs.	
 CH Premium 2" Width Cast Iron . . . 149 Wheels, Capacities to 1800 lbs.	
 IC Empire Economical Cast Iron . . . 149 Wheels, Capacities to 900 lbs.	
 FL Single Flange and FD Double . . . 150 Flange Cast Iron Wheels Capacities to 3000 lbs.	
 VG/VL V-Groove Cast Iron Wheels . . . 151 Capacities to 4000 lbs.	
 VM V-Groove Ductile Iron Wheels . . . 151 Capacities to 6000 lbs. NEW MODEL!	
 FS Drop Forged Steel and FH 152 Large Bore Drop Forged Steel Wheels Capacities to 20000 lbs.	
 FM Flat Tread Ductile and FR Full . . 153 Radius Tread Ductile Wheels Capacities to 6000 lbs. NEW MODEL!	
 VF/VH V-Groove Drop Forged Steel . . 154 Wheels, Capacities to 15000 lbs.	
 HE Hi-Temp Nylon Wheels 155 Capacities to 1400 lbs. NEW MODEL!	
 NW White Nylon Wheels. 155 Capacities to 1100 lbs. NEW MODEL!	

Item	Page
 NG Maxim® Glass-filled Nylon 156 Wheels, Capacities to 1400 lbs.	
 NR Maxim® Noise Reduction 156 Glass-filled Nylon Wheels Capacities to 1500 lbs.	
 NY Trionix™ High Impact Polymer . . 157 Wheels, Capacities to 2500 lbs.	
 NX Trionix™ High Impact Polymer . . 157 Wheels, Capacities to 7200 lbs.	
 TH/TS Straight Sided Phenolic 158 Wheels, Capacities to 1400 lbs.	
 TL Laminated Phenolic Wheels 158 Capacities to 8000 lbs.	
 TM Phenolic Wheels. 159-160 Capacities to 3500 lbs.	
 TR Heat Resistant Phenolic 159-160 Wheels, Capacities to 3500 lbs.	
 PB Polypropylene Wheels. 161 Capacities to 1000 lbs.	
 PW White Polypropylene Wheels . . . 161 Capacities to 750 lbs.	
 RW Retort Polypropylene Wheels . . . 161 Capacities to 900 lbs.	
 GP Fiberglass Filled Polypropylene . . 162 Wheels, Capacities to 1400 lbs.	
 IB Empire Economical Polypropylene 162 Wheels, Capacities to 900 lbs.	

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 metal 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	CA0400108			CA0404108
4	1-5/16	350	1-3/8	1-1/16	1/2	1-3/4	CA0410108			
4	1-1/2	600	1-5/8	1-3/16	1/2	2-1/4	CA0410110			
4	1-1/2	600	1-5/8	1-3/16	5/8	2-1/4	CA0410112~			
4	1-1/2^	600	1-5/8	1-3/16	3/4	2-1/4	CA0420108			
4	1-7/8	1000	2-3/16	1-7/16	1/2	3-1/4	CA0420110			
4	1-7/8	1000	2-3/16	1-7/16	5/8	3-1/4	CA0420112~			
4	1-7/8	1000	2-3/16	1-3/16	3/4	3-1/4	CA0450116			
4	3	2000	3-1/4	1-15/16	1	8-1/4	CA0450120			
4	3	2000	3-1/4	1-15/16	1-1/4	8-1/4	CA0470120*			
4	4	4000	4-1/4	2-7/16	1-1/4	10-3/4	CA0470124*			
4	4	4000	4-1/4	2-7/16	1-1/2	10-3/4				CA0504108
5	1-1/4	350	1-1/2	1/2	-	2-1/4	CA0500108			
5	1-5/16	350	1-3/8	1-1/16	1/2	2-1/4	CA0510108			
5	1-1/2	600	1-5/8	1-3/16	1/2	3-1/4	CA0510110			
5	1-1/2	600	1-5/8	1-3/16	5/8	3-1/4	CA0510112~			
5	1-1/2^	600	1-5/8	1-3/16	3/4	3-1/4	CA0520108			
5	1-7/8	1300	2-3/16	1-3/16	1/2	4-1/4	CA0520110			
5	1-7/8	1300	2-3/16	1-3/16	5/8	4-1/4	CA0520112~			
5	1-7/8	1300	2-3/16	1-3/16	3/4	4-1/4	CA0530114			
5	2-1/8	1500	2-3/16	1-7/16	7/8	5-1/4	CA0530116			
5	2-1/8	1500	2-3/16	1-7/16	1	5-1/4	CA0540116			
5	2-1/2	2300	3-1/4	1-15/16	1	10	CA0540120			
5	2-1/2	2300	3-1/4	1-15/16	1-1/4	10				
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) (Rated for manual operation)	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	11/4	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) (Rated 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)
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



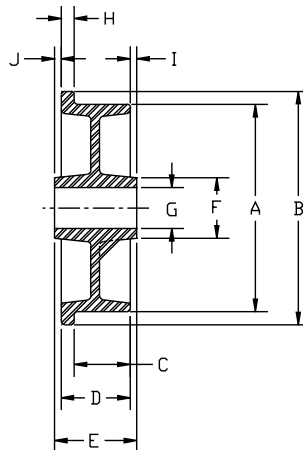
60 Series

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

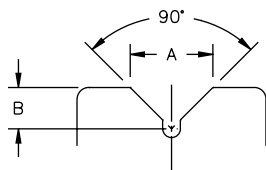


Wheel face and "V"-groove are machined from heavy duty cast iron. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but 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	
6	2-1/2	2500	3-1/2	1-15/16	3/4	7/8	7/16	11-1/2		VG0640912
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	
8	2-1/2	2500	3-1/2	1-15/16	3/4	7/8	7/16	15-1/2		VG0840912
8	2-1/2	2500	3-1/2	2	1	7/8	7/16	15-1/2		VG0840916
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) (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)
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!



FR Full Radius Tread
Design For Easier
Maneuverability

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.

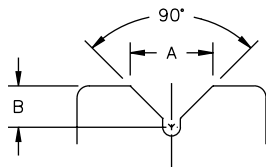
Please note: Track alignment is critical when utilizing v-groove wheels.

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) (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	1-3/8	600	1-1/2	1/2	1/2			HE0304108
3-1/2	1-3/8	700	1-1/2	1/2	3/8			HE03X4108
4	1-1/4	700	1-7/16	1/2	1/2			HE0404108
4	1-1/2	700	1-5/8	1-3/16	3/4		HE0410112	
4	2	800	2-3/16	1-3/16	3/4		HE0420112	
5	1-3/8	800	1-1/2	1/2	1			HE0504108
5	1-1/2	800	1-5/8	1-3/16	3/4		HE0510112	
5	2	1000	2-3/16	1-3/16	3/4		HE0520112	
6	1-1/2	800	1-5/8	1-3/16	3/4		HE0610112	
6	2	1200	2-3/16	1-3/16	3/4		HE0620112	
8	1-1/2	1200	1-5/8	1-3/16	3/4		HE0810112	
8	2	1400	2-3/16	1-3/16	3/4		HE0820112	

Handles the Heat!

NW White Nylon Wheels



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) (Rated for 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



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 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 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".

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 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 (01,07)	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".

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) (Rate for normal operation)	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

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) (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 (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 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 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 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 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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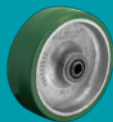
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 IX Empire Economical Polyurethane 178
on Polypropylene Flat Tread
Capacities to 900 lbs.

 IZ Empire Economical Polyurethane 178
on Polypropylene Round Tread
Capacities to 800 lbs. **NEW MODEL!**

 IP Empire Economical Polyurethane 178
on Cast Iron Wheels
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.



XA Prevenz™



XA Prevenz™
Heavy Duty



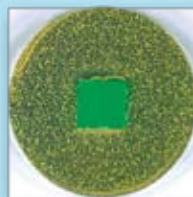
XP Prevenz™



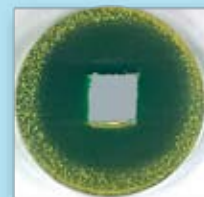
PY Prevenz™



PX Prevenz™



Without Prevenz™



With Prevenz™

Above photos show the difference in bacterial growth over a seven day incubation period.


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





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 (rated 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 (Load 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/ft for 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)
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.

^ 27/16" 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) (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 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		PY1670124									
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	2-7/16	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	2-7/16	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 8" and 10" diameter sizes

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rate for main 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.

^ 2 7/16" 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.



Tread is mechanically and chemically bonded through a patented process to a light weight durable aluminum core

- Handle obstructions and swivel easier compared to flat tread wheels
- Precision ball bearing for ultimate rolling ease
- Wheel includes two spacers

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	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

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.

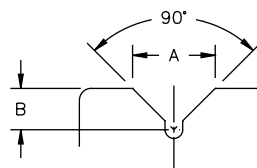
FEATURES

- **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 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 (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		XI0420112~
	2	1000	2-7/16	-	1/2	1		XI0422808	
5	2	1000	2-3/16	1-3/16	3/4	1-1/2	XI0525112		XI0520112~
	2	1000	2-7/16	-	1/2	1-1/2		XI0522808	
6	2	1000	2-3/16	1-3/16	3/4	1-3/4	XI0625112		XI0620112~
	2	1000	2-7/16	-	1/2	1-3/4		XI0622808	
8	2	1000	2-3/16	1-3/16	3/4	4	XI0825112		XI0820112~
	2	1000	2-7/16	-	1/2	4		XI0822808	

~ Wheels are complete with spanner busing & 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		XP0420112~
	2	1400	2-7/16	1-9/16	1/2	1		XP0422808	
5	2	1200	2-3/16	1-3/16	3/4	1-1/2	XP0525112		XP0520112~
	2	1200	2-7/16	1-9/16	1/2	1-1/2		XP0522808	
6	2	1400	2-3/16	1-3/16	3/4	1-3/4	XP0625112		XP0620112~
	2	1400	2-7/16	1-9/16	1/2	1-3/4		XP0622808	
	3	1700	3-1/2	2-7/16	3/4	5		XP0652812	
8	2	1200	2-3/16	1-3/16	3/4	4	XP0825112		XP0820112~
	2	1200	2-7/16	1-9/16	1/2	4		XP0822808	
	2-1/2	2000	3-1/2	2-7/16	3/4	5		XP0842812	
	3	2000	3-1/2	2-7/16	3/4	6		XP0852812	
10	2-1/2	2500	3-1/2	2-7/16	3/4	7		XP1042812	
	3	2500	3-1/2	2-7/16	3/4	8		XP1052812	

~ 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



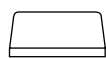
Polyurethane tires reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater 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

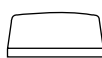
- Prevenz™ Antimicrobial tire specify **PREV**
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 11.
- For customization & special application options, please consult factory.



**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

Continues on next page

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) (Rated for 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.

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.

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 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



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)

EMPIRE™
Casters & Wheels

- 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) (Rate 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	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™
Casters & Wheels

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) (Rate 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	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™
Casters & Wheels

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) (Rate 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	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



MH Heavy Duty Mold-On Rubber . . . 179
on Iron Core Wheels
Capacities to 2500 lbs.



MR Mold-On Rubber on Iron 180-181
Core Wheels
Capacities to 3020 lbs.



IM Empire Economical Rubber 182
on Iron Wheels
Capacities to 450 lbs.



MD Mold-On Rubber on Die Cast . . 183
Aluminum Wheels
Capacities to 600 lbs.



RM High Modulus Grey Rubber on . . 184
Aluminum Wheels
Capacities to 450 lbs.



RL High Modulus Black Rubber on . 184
Aluminum Wheels **NEW MODEL!**
Capacities to 450 lbs.



RR Rubber Solid Wheel 185
Capacities to 360 lbs.



OA Press-On Rubber Wheels 186
Capacities to 10190 lbs.



SF Black Pneumatic Wheels 187
Capacities to 3630 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.

Item

Page



SO Pneumatic Hand Truck Wheels . . 188
Capacities to 350 lbs.



SN Semi-Pneumatic Hand Truck . . . 188
Wheels, Capacities to 540 lbs.



NF Black or Grey Never-Flat 189
Solid Urethane Wheels
Capacities to 350 lbs.



MV High Temperature Rubber on . . . 190
Die Cast Aluminum Wheels
Capacities to 185 lbs. **NEW MODEL!**



MZ High Temperature Rubber on . . . 190
High Temperature Phenolic Wheels
Capacities to 185 lbs. **NEW MODEL!**



XS Ultimate X-tra Soft Rubber 191
Wheels
Capacities to 675 lbs.



XR Ultimate X-tra Soft Rubber 192
Wheels (Including hand truck wheels)
Capacities to 850 lbs.



IS Empire Economical Grey TPR on . 193
Polypropylene (Flat tread)
Capacities to 600 lbs.



IR Empire Economical Grey TPR on . 193
Polypropylene (Round tread)
Capacities to 550 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



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 max 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) (rated for static operation)	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 planets precious natural resources.





Rubber on Iron (Flat Tread)

EMPIRE™
Casters & Wheels

- 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!

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- 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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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 (Lbs) (Load for manual operation)	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.
[^] 2 7/16" spanner and spacers included.

FALLSHAW CASTERS

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

See pages 36-50

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





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 manual 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			
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			
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			
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			SF1270916
13.0	4.10/6	445	4	4-1/2	50	1	10-1/4			
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			
16.2	4.80/8	1300	6	6	90	1	16			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)	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

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)
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	SF084270805

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	SN0622708	SN0620112
6.2	2.00EHS	200	2-1/2	1/2	3		
8.6	2.50EHS	350	3	3/4	5-3/4	SN0842708	SN0840112
8.6	2.50EHS	350	3	1/2	5-3/4		
10.0	2.75EHS	350	3-1/4	3/4	7-1/4	SN1042708	SN1040112
10.0	2.75EHS	350	3-1/4	1/2	7-1/4		
12.1	3.00EHS	540	3-1/2	3/4	13-1/2	SN1252708	SN1250112
12.1	3.00EHS	540	3-1/2	1/2	13-1/2		

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) (Roller or manual 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®

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) (Rated for 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



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) (Rated for 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



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 Bearing	Wheel Number
----------------------------	-------------------------	---	------------------------	---------------------	------------------------	----------------------	------------------	-----------------

Xtra-Soft Flat Grey Tread (Light Duty)

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)

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 Bearing	Wheel Number
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)

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 Bearing	Wheel Number
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)

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 Bearing	Wheel Number
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)

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 Bearing	Wheel Number
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

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 Bearing	Wheel Number
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 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

EMPIRE™
Casters & Wheels

- Economical
- Ready to Ship

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 caster wheel is economical and ready to ship.

FEATURES

- **Wheel face:** Round tread
- **Finish:** Non-marking grey tread; grey polypropylene core

EMPIRE™
Casters & Wheels

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

EMPIRE CASTERS
Albion now has casters and wheels for every price point!

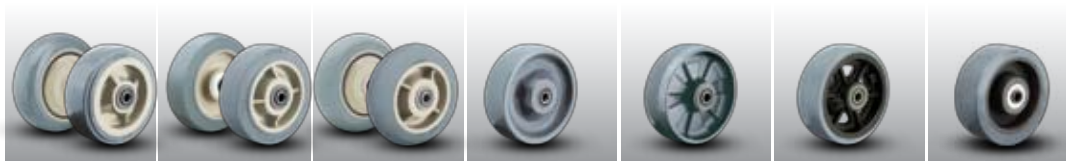
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ECONOMICAL EMPIRE RUBBER WHEELS

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 - Light Duty 195

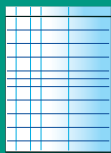


Caster Brakes - Medium and Heavy Duty 196



New FBB Caster Brake Kits 197

NEW MODEL!



Brake Kits Chart for Light Duty to Medium Heavy Duty Casters 198



Swivel Locks 199



Quick-Release Caster Pads 199

NEW MODEL!



Leveling Jacks 199



LE 16 Series ERGOOnomic Floor Locks 200

NEW MODEL!



LF 02 Series Floor Locks 201

NEW MODEL!



LF Standard Floor Locks 201
05, 12 16, 61, 62, 63, 71,
72, 81, and 90 Series

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LF Cast Iron Floor Locks 203



LT Telescoping Floor Locks 203



Shockmaster™ and Contender™ Turntables 204

NEW MODEL!



New line of Bumpers 205

NEW MODEL!



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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

A photograph of the Liberty Bell mounted on a green metal frame with four casters, being moved. The background is a stylized American flag.

Caster Brakes

Brakes for Medium and Heavy Duty Casters



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	
GL020300 GL020350 GL020400 GL020500	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



Welded Hand Operated



Field Installable
Hand Operated



Field Installable
Foot Operated

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:

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	SL160000~	SL1600002~
72	L	SL7200000	N/A
78	L	SL7200000	N/A
81*	L	SL810000~	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	PC1100000
Fits 4-1/2" x 6-1/4" Top Plate	62, 63, 72, 16 Pattern K, 310	PC620000



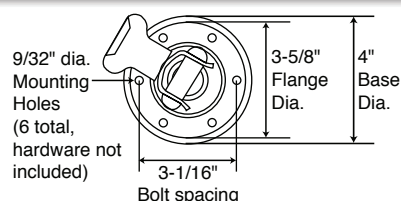
NEW 71, 18, 110
Series Caster Pad
now available!

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 ERGOonomic 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 ERGOonomic Floor Locks.
The BEST floor lock in the industry.

ALBION
www.albioninc.com

NEW MODEL!

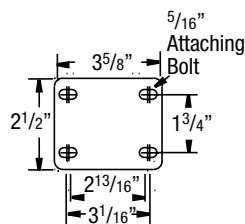
02 Series Floor Locks



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

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



Floor Lock Engaged



Floor Lock Disengaged

Get a Grip! NEW 02 Series Floor Locks.

ALBION®

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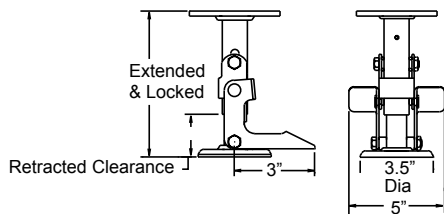
Standard Floor Locks



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

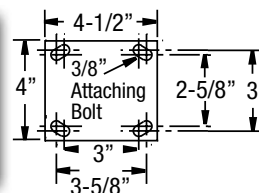
- **Top Plate:** Steel matching regular caster tops for easy installation
- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Corrosion resistant zinc plate for long-use



Caster Wheel Diameter (Inches)	Caster Series Number	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (LBS)	Floor Lock Number
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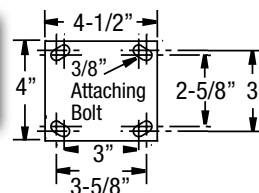
16 & 71 Series

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



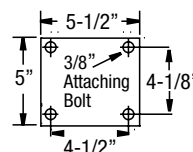
05 Stainless Steel Series

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	



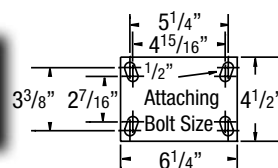
12 & 61 Series

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



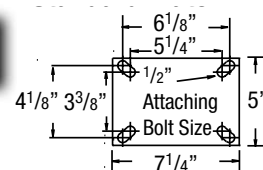
62, 63, 72, 81 Series

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

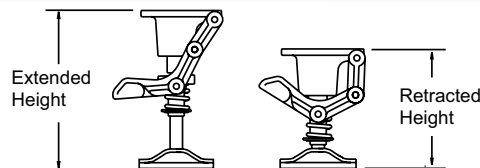
This lock allows you to immobilize equipment in any desired location, but does not interfere with its movement when not in use. Platform trucks, fixture dollies or other castered items can be locked in place by a simple press of the foot. Locking action is created when a large, round friction face of 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

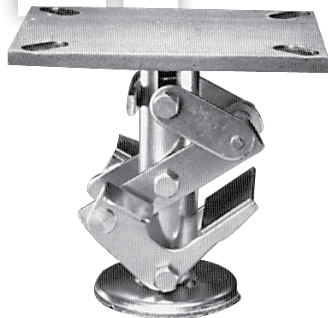
- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Painted

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.

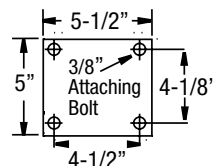
FEATURES

- **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
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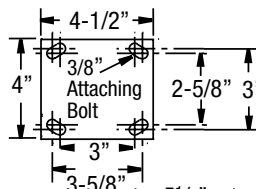
12 Series

8	12	9-1/2	3-1/4	5	12LT0880
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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



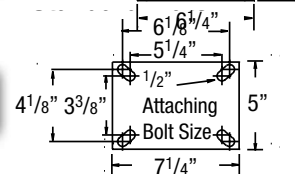
62 Series

8	62	9-1/2	3-1/4	4-3/4	62LT0880
8	62	10-1/8	3-1/4	4-3/4	62LT0881

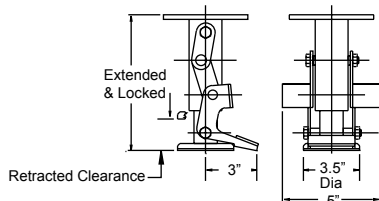


90 Series

8	90	9-1/2	3-1/8	6-3/4	90LT0880
8	90	10-1/2	3-1/8	6-3/4	90LT0881



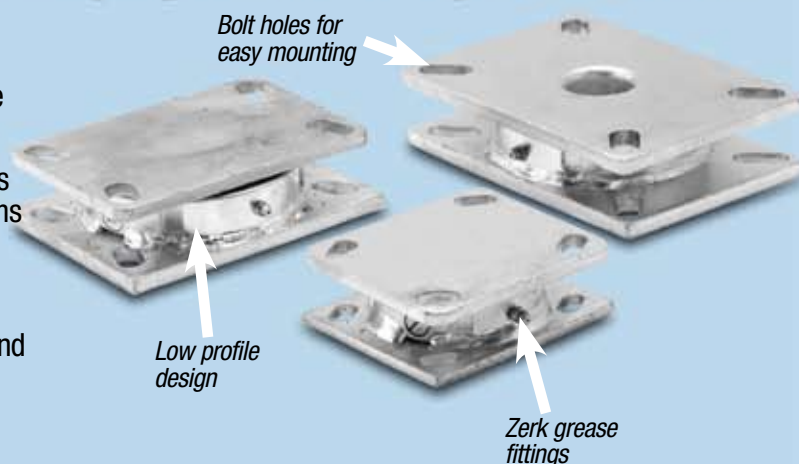
For custom floor lock configurations please consult factory.



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)
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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

Introducing Albion Protection Bumpers

Protect Your Equipment and Structures From Unsightly Damage



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 equip-

ment, 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



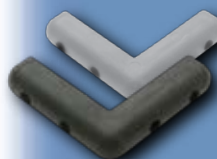
End (Round) Bumpers

Generally used on the ends of tubular handles. Protects equipment, walls, door facings and other structures.



End (Round) Bumpers

Economical model with no metal inserts.



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.



Reinforced Corner Bumpers

Similar to corner bumpers above but with extra material in main corner impact area



End Cap Bumper Pad

Excellent protection for wood dollies. Easy slip-on installation.

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

Specification	Bumper Number
3-1/2" diameter x 5/8" thick. Center diameter 1"	BP16551001

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

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

Specification	Bumper Number
Inside dimension 18" x 3" (Reddish Brown)	BP040410001

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 800-835-8911

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

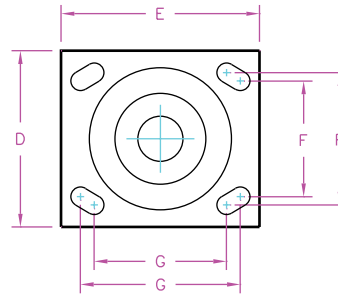
ST16J

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

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	Oillex 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	OI121908	ZO121935		
12, 16, 18, 40, 61, 62, 71, 72, 78, 110, 100	2.188"	ZA081903, ZA081904,	TF121912	TF121934	OI121908	ZO121935	ZX121930	ZY0812001
42, 61, 62, 72, 78 Series	2.75"		TF121912		OI121908			



Metal Step Retaining Thrust Washer



Sealed Retaining Thrust Washer



Nylon Sealed Retaining Thrust Washer
WA121905
Shown



Solid Axle & Nut
ZJ085409
Shown



Roller Bearing
ZB121930
Shown



Spanner Bushing
ZF081239
Shown



Hollow Axle & Nut
ZJ085408
Shown

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		
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	ZY0812001
TF121912	Delrin	0.750	1.188	Any	Not with Cam Brake	
TF121934	Delrin	0.750	1.188	2.438		WA122600 or WA122603
OI121912	Bronze	0.750	1.188	Any		
Z0081722	Oil impregnated iron	0.500	1.063	1.250		
Z0081926	Oil impregnated iron	0.500	1.188	1.875		
Z0081935	Oil impregnated iron	0.500	1.188	2.438		
Z0101926	Oil impregnated iron	0.625	1.188	1.875		
Z0101935	Oil impregnated iron	0.625	1.188	2.438		
Z0121926	Oil impregnated iron	0.750	1.188	1.875		
Z0121935	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

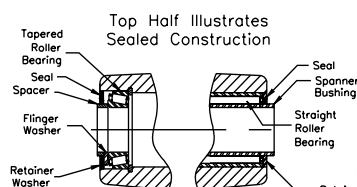


Nylon Sealed Retaining Thrust Washer



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.



Bottom Half Illustrates UnSealed Construction

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



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	Stainless	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		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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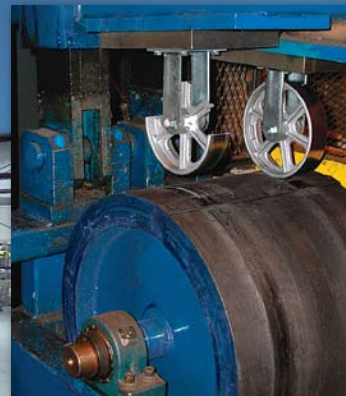
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