ALBION®

the caster experts

//www.AlbionCasters.com

CATALOG
2024

INDUSTRIAL **HEAVY-DUTY** CASTERS

U.S. ENGINEERING & MANUFACTURING // ERGONOMIC & SAFETY EXPERTS // INDUSTRY LEADING SELECTION

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3D CAD Models!

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Aerospace & Defense • Automotive • Food & Beverage
Material Handling • Transportation • Packaging
Pharmaceutical & Chemical • Institutional Equipment
Marine • Agricultural • Warehouse & Distribution

HEAVY-DUTY & MATERIAL HANDLING EXPERTS

For over 75 years, Albion has remained dedicated to solving industrial mobility challenges for customers around the world. Leveraging our industry proven experience and manufacturing technology – Albion offers the most complete lineup of industrial caster and wheel products, coupled with cutting-edge design capabilities to solve even the toughest application challenges. Contact us today to start a conversation and let us help specify the right caster for your specific application and performance requirements.

YOUR SOURCE FOR TRUSTED INDUSTRIAL CASTERS AND WHEELS

ERGONOMIC EXCELLENCE

Albion is committed to making you more efficient and safer by easing the load of moving equipment throughout your facility. Long before ergonomics was popular, we were developing casters and wheels to reduce push/pull force and ease maneuverability.

See more on page 14.

POLYURETHANE EXPERTS

Polyurethane tread wheels provide durable mobility capable of rejecting floor debris, enhancing ergonomics, protecting floors, and even absorbing shock. Albion offers the most expansive lineup of polyurethane wheels, available in a wide array of durometers, face types, colors and thicknesses.

See more on page 15.

CUSTOM SOLUTIONS

Albion has the engineering expertise and technology to bring your custom mobility needs to life on-time and on-budget.

See more on page 16-17.

ALBION 3 YEAR WARRANTY®

With our proven design and manufacturing experience, we guarantee select Albion casters with up to a three (3) year warranty from date of purchase;
look for the 3 year warranty icon throughout the catalog. All other Albion brand casters feature a (1) year warranty from date of purchase.

Visit albioncasters.com/warranty for official warranty details.

CATALOG TOOLBOX

Look for these helpful icons located throughout the catalog designating **key features** and **application benefits.**

USA Made
If you want quality and pride associated with USA manufactured products, look for this symbol.

Premium Quality
The best Albion has to offer. Enough Said!

Heat Resistant
Product is rated for high temperatures. Please note: for intermittent temperatures always consult factory.

Maintenance Free
Bearing does not require regular greasing to perform to standard.

Environmentally Friendly
Complies with RoHS regulations as set forth by the European Union. Please work with your Sales representative for compliance requirements on a part specific basis.

Quiet
Designed to be quieter compared to conventional designs

Stainless Steel
Constructed of stainless steel to withstand the most abusive conditions—steam cleaning, wash downs, solvents, chemicals and acids.

Economical
For budget driven projects. Albion offers good, better, best throughout our offering!

Ergonomic
Exceptional rollability, manual pushing requires little effort.

Towing
Rig specifically designed for towing applications; consult factory before ordering to ensure wheel and bearing are properly specified for all power towed applications. (Towing recommendation based on average speed of 3-5mph; consult factory for higher speeds.)

A LEADING BRAND OF

colson GROUP USA

THE GLOBAL LEADER IN CASTERS AND WHEELS

- The **industry leader** and **most complete product** offering in the world
- The **highest value** for your caster dollar
- **One-stop shopping** for nearly any application and budget
- The **most experienced** engineering, sales, manufacturing, and quality teams
- **Local service worldwide**, ready for any business need

MANUFACTURING

With advanced manufacturing and distribution facilities located around the world, we continuously invest in our proprietary supply chain and leading portfolio of USA Made casters to provide the best value to our customers.

ENGINEERING

Utilizing the latest in available technologies, Colson Group USA's global design and engineering teams ensure every detail in product performance, materials, and aesthetics are delivered to meet and exceed industry and customer expectations.

SERVICE

Delivering truly one-stop shopping, our experienced inside and outside support teams help customers identify the right caster from our leading product portfolio to ensure your expectations and business requirements are met on every order.

QUALITY

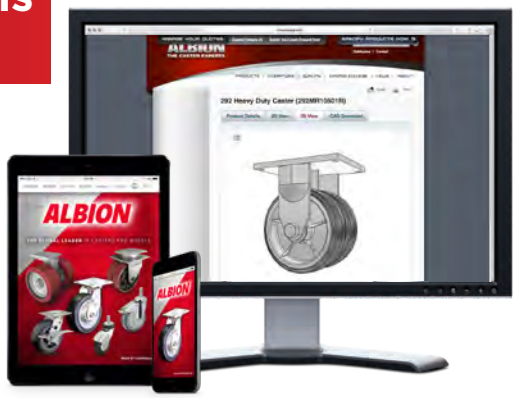
As an active ICWM member, we help define industry testing standards (ANSI ICWM: 2012). Leading test labs and global quality systems confirm our casters meet stringent quality standards, allowing up to a 3-year standard warranty on select series.

ISO 9001:2008 CERTIFIED

Download 3D CAD Models and Datasheets!

Online: **AlbionCasters.com/CAD**
App: Search **"Caster CAD 3D"**

- **Quickly configure** models
- Download **native CAD formats**
- Download **datasheets**
- **Easily share** with your team



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QUICK-START PRODUCT CATEGORIES

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(up to 20,000 lbs.)
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STAINLESS STEEL
(up to 3,000 lbs.)
PAGES **40-43**

2" WIDE MEDIUM HEAVY DUTY
(up to 2,000 lbs.)
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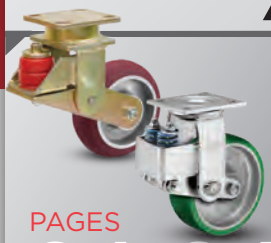
DUAL WHEELS
(up to 30,000 lbs.)
PAGES **71-83**



SPRING LOADED
(up to 3,000 lbs.)
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PNEUMATIC
(up to 7,260 lbs.)
PAGES **95-99**

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Maintenance Free

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38 SERIES ERGONOMIC PRECISION CASTERS

Tread Width: 2"
Capacity: Up to 2500 lbs.
Wheel Diameters: 6", 8", 10"
Brake: Face, Swivel Lock

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28 SERIES ERGONOMIC PRECISION CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.
Wheel Diameters: 6", 8"
Brake: Face, Swivel Lock

Page 24-25

18 SERIES ERGONOMIC PRECISION CASTERS

Tread Width: 2"
Capacity: Up to 1250 lbs.
Wheel Diameters: 4", 5", 6", 8"
Brake: Face, Swivel Lock

Heavy Duty Kingpinless

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610 SERIES CASTERS

Tread Width: 3", 4"
Capacity: Up to 9500 lbs.
Wheel Diameters: 6", 8", 10", 12", 14"
Brake: Poly Cam, PLB, Swivel Lock

Page 30-31

410 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 5400 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

Page 32-33

310 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 4100 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

Page 34-35

110 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.
Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, PLB, Face, Poly Cam, Swivel Lock

Page 36

470 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 3500 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Face, Swivel Lock

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370 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 3000 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Face, Swivel Lock

Page 38-39

170 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.
Wheel Diameters: 4", 5", 6", 8"
Brake: Cam, Face, Swivel Lock

Stainless Steel Heavy Duty Kingpinless

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330 SERIES KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 3000 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, Swivel Lock

Page 42-43

120 SERIES KINGPINLESS CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.
Wheel Diameters: 4", 5", 6", 8"
Brake: Face, Swivel Lock

Heavy Duty Forged Kingpinless

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800 SHOCKMASTER SERIES CASTERS

Tread Width: 3", 4", 5" 6"
Capacity: Up to 20000 lbs.
Wheel Diameters: 6", 10", 12", 16, 18"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

Page 46-47

700 SHOCKMASTER SERIES CASTERS

Tread Width: 4", 5", 6"
Capacity: Up to 20000 lbs.
Wheel Diameters: 8", 10", 12", 16"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

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600 SHOCKMASTER SERIES CASTERS

Tread Width: 3", 4"
Capacity: Up to 10000 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, PLB, Face Contact, Swivel Lock

Heavy Duty Kingpin

PAGES: 50-70

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95 SERIES (BBL/TRL) CASTERS

Tread Width: 3", 4", 5", 6"
Capacity: Up to 17000 lbs.
Wheel Diameters: 6", 8", 10", 12", 16"
Brake: Poly Cam, Face Contact, Swivel Lock

Page 54-57

94 SERIES (BBL/TRL) CASTERS

Tread Width: 3", 4"
Capacity: Up to 10000 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam, Face Contact, Swivel Lock

Page 58-59

90 SERIES CASTERS

Tread Width: 3", 4"
Capacity: Up to 3500 lbs.
Wheel Diameters: 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Swivel Lock

Page 60-61

81 SERIES CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.
Wheel Diameters: 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Face Contact, Swivel Lock

Page 62-63

72 SERIES CASTERS

Tread Width: 2", 2-1/2"
Capacity: Up to 1600 lbs.
Wheel Diameters: 4", 5", 6", 8", 10"
Brake: Cam, Face, Poly Cam, Swivel Lock

Page 64-65

71 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.
Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Cam, Face, Poly Cam, Swivel Lock

Page 66-67

62 SERIES CASTERS

Tread Width: 2", 2-1/2"
Capacity: Up to 1500 lbs.
Wheel Diameters: 4", 5", 6", 8", 10"
Brake: Face, Cam, Poly Cam, Swivel Lock

Page 68-70

16 SERIES CASTERS

Tread Width: 2"
Capacity: Up to 1250 lbs.
Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Total Lock, Cam, Face, Swivel Lock

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Heavy Duty Kingpinless Dual

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615 SERIES KINGPINLESS CASTERS

Tread Width: 3", 4", 5"
Capacity: Up to 9500 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Poly Cam, Swivel Lock, Toe Guard

Page 73

415 SERIES KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 5400 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Poly Cam, Swivel Lock, Toe Guard

Page 74

315 SERIES KINGPINLESS CASTERS

Tread Width: 2", 3"
Capacity: Up to 4100 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: PLB Integrated, Poly Cam, Toe Guard, Swivel Lock

Page 75

115 SERIES KINGPINLESS CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.
Wheel Diameters: 4", 5", 6", 8"
Brake: PLB Integrated, Poly Cam, Toe Guard, Swivel Lock

Heavy Duty Forged Kingpinless Dual

PAGES: 76-78

Page 76

850 SERIES KINGPINLESS CASTERS

Tread Width: 3", 4", 5", 6", 9"
Capacity: Up to 30000 lbs.
Wheel Diameters: 6", 10", 12", 16", 18"
Brake: Face Contact, Swivel Lock

Page 77

750 SERIES KINGPINLESS CASTERS

Tread Width: 4", 5"
Capacity: Up to 20000 lbs.
Wheel Diameters: 8", 10", 12"
Brake: Poly Cam, Face Contact, Swivel Lock

Heavy Duty Kingpin Dual

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298 SERIES AVIATION GROUND EQUIPMENT CASTERS

Tread Width: 4-1/2", 6", 9"
Capacity: Up to 20000 lbs.
Wheel Diameters: 12", 16-1/4", 18"
Brake: Face Contact, Swivel Lock

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295 SERIES KINGPIN CASTERS

Tread Width: 3",4", 5"
Capacity: Up to 17000 lbs.
2000
Wheel Diameters: 6", 8", 10", 12"
Brake: Poly Cam

Page 82

290 SERIES KINGPIN CASTERS

Tread Width: 2-1/2"
Capacity: Up to 3500 lbs.
Wheel Diameters: 6", 8", 10"
Brake: Poly Cam

Page 83

281 SERIES KINGPIN CASTERS

Tread Width: 2"
Capacity: Up to 2000 lbs.
Wheel Diameters: 4", 5", 6", 8"
Brake: Poly Cam

Kingpinless Spring Loaded

Pages: 84-89

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S610 SERIES SPRING LOADED KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Consult Factory

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S410 SERIES SPRING LOADED KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Consult Factory

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S310 SERIES SPRING LOADED KINGPINLESS CASTERS

Tread Width: 3"
Capacity: Up to 2000 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Consult Factory

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141 SERIES KINGPINLESS POLY SPRING CASTERS

Tread Width: 2"
Capacity: Up to 1500 lbs.
Wheel Diameters: 5", 6", 8"
Brake: Tread brake on 6" and 8" only

Kingpin Spring Loaded

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44 SERIES XTRA HEAVY DUTY SPRING-LOADED KINGPIN CASTERS

Tread Width: 3"
Capacity: Up to 1500 lbs.
Wheel Diameters: 10", 12"
Brake: Consult Factory

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42 SERIES HEAVY DUTY KINGPIN CASTERS

Tread Width: 2-1/2"
Capacity: Up to 800 lbs.
Wheel Diameters: 8", 10"
Brake: Consult Factory

Page 93-94

40 SERIES MEDIUM DUTY KINGPIN CASTERS

Tread Width: 2"
Capacity: Up to 500 lbs.
Wheel Diameters: 5", 6", 8"
Brake: Consult Factory

Semi-Pneumatic

Pages: 95

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110/72/16 SEMI-PNEUMATIC SERIES CASTERS

Tread Width: 1-1/2", 2", 2-1/2", 3"
Capacity: Up to 600 lbs.
Wheel Diameters: 6", 8", 10", 12"
Brake: Face Contact, Swivel Lock

Pneumatic

Pages: 96-98

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95 SERIES PNEUMATIC CASTERS

Tread Width: 6.5", 6.9", 7.5"
Capacity: Up to 3633 lbs.
Wheel Diameters: 21", 23", 25"
Brake: Face Contact, Swivel Lock

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90/72/110/16 PNEUMATIC SERIES CASTERS

Tread Width: 2", 2.5", 2.8", 4.1", 4.8", 5.3", 5.7"
Capacity: Up to 1170 lbs.
Wheel Diameters: 8", 10", 12", 14", 16", 18"
Brake: Face Contact, Swivel Lock

Pneumatic Dual

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295/290/272 SERIES PNEUMATIC CANTILEVER-STYLE CASTERS

Tread Width: 2.80", 4.10", 4.8", 5.3", 5.7", 6.5", 6.9", 7.5"
Capacity: Up to 7260 lbs.
Wheel Diameters: 8", 10", 12", 14", 16", 18", 21", 23", 25"
Brake: Face Contact, Swivel Lock

EZRide Pneumatic & Never-Flat

Pages: 100-112

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PNU, NPF, 16, W81, 110, 72, 90, 272, 290, REPLACEMENT WHEELS

Tread Width: 2" to 5.7"
Capacity: Up to 2340 lbs.
Wheel Diameters: 6" 8", 10", 12", 14", 16", 18"
Brake: Face Contact, Tread Brake, Side Brake Swivel Lock

Aviation Industry/Ground Support Equipment (GSE)

Pages: 113-114

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03 SERIES AIR CARGO/CONVEYOR CASTERS

Tread Width: 1-3/8"
Capacity: Up to 450 lbs.
Wheel Diameters: 2-1/4"
Brake: Not Applicable

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HEAVY DUTY AIR CARGO/CONVEYOR CASTERS

Tread Width: 1-3/8"
Capacity: Up to 375 lbs.
Wheel Diameters: 2-3/4"
Brake: Not Applicable

Caster Accessories

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CG-MAX Polyurethane on Aluminum 85A
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PY, PH
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*PY, PH and PX available in multiple durometers.

Thick Tread Polyurethane*
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Polyurethane on Heavy Duty Cast Iron
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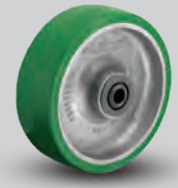

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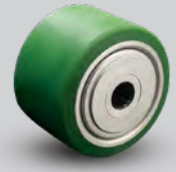

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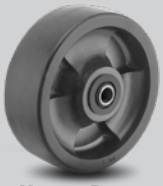

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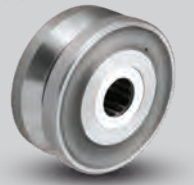

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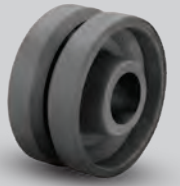

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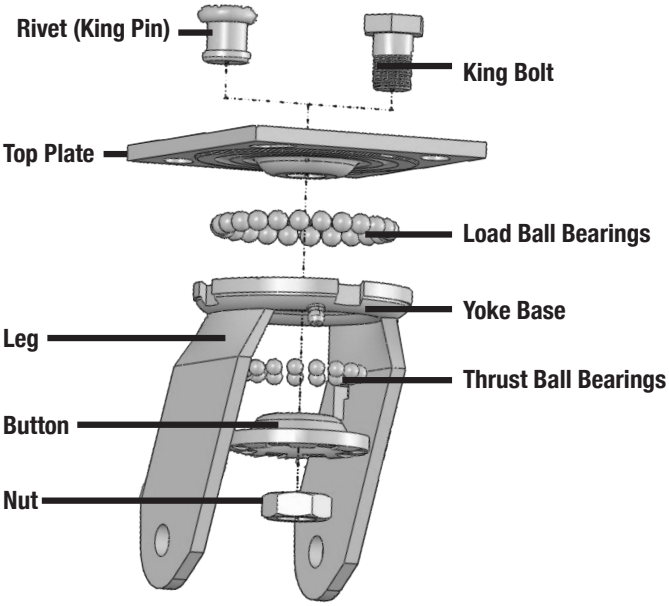
CASTER COMPONENTS

KINGPIN RIG

CONVENTIONAL CONSTRUCTION

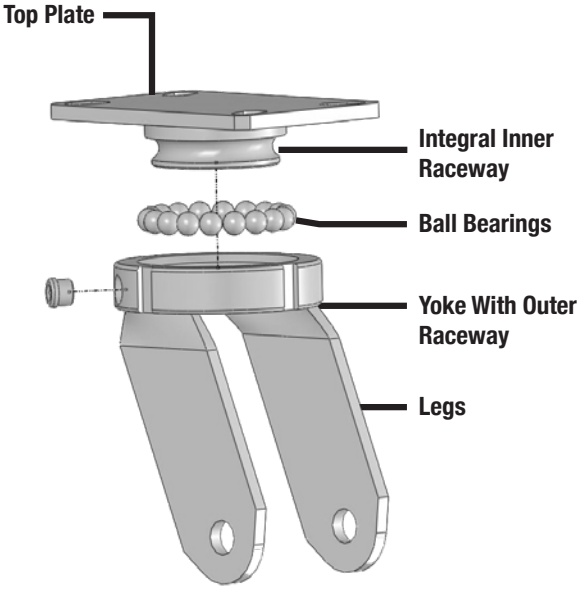
- UP TO 2,000 LB. CAPACITY



KINGPINLESS RIG

BETTER ERGONOMICS, BEST FOR SHOCK AND IMPACT

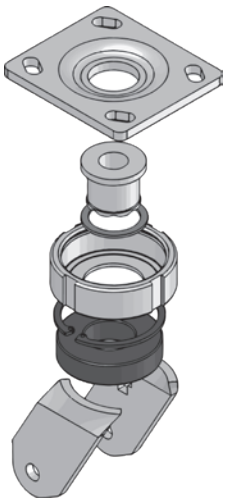
- UP TO 20,000 LBS. CAPACITY



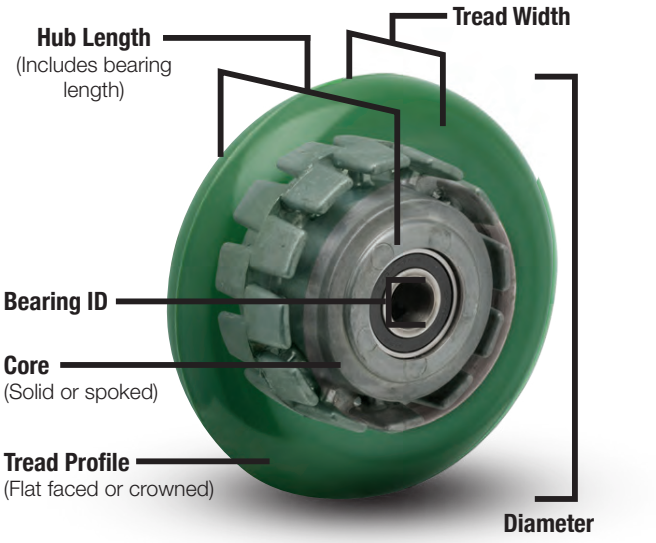
MAINTENANCE FREE SWIVEL SECTION

SEALED PRECISION SWIVEL BEARING PROVIDES EXCELLENT ERGONOMICS WITH NO MAINTENANCE

- UP TO 2,000 LBS. CAPACITY



WHEEL



ALBION®
the caster experts

Need help determining the right solution for your application?
Let us help! Connect with us online at **www.albioncasters.com**
or call us at **800-835-8911.**

Rig SELECTION GUIDE

The right rig can make a big difference in the life and ergonomics of your caster.

Maintenance Free

Pages: 19-23

» 350 – 2,500 lbs capacity

» Designed for ergonomics and light to medium duty towing. Smooth, easy, and quiet mobility.

Heavy Duty Kingpinless

LONGER LASTING THAN CONVENTIONAL CASTERS

Pages: 24-33

» 300 – 20,000 lbs capacity

» Best for rugged applications where impact, shock, or regular swiveling is present

» Eliminates kingpin failures

Kingpin

MEDIUM HEAVY DUTY KINGPIN

Pages: 66-74

» 140 – 2,000 lbs capacity

» Conventional caster construction

» Variety of raceway designs to support performance and load requirements

HEAVY DUTY KINGPIN

Pages: 56-65

» 700 – 17,000 lbs capacity

Stainless Steel

Pages: 34-37

» 200 – 3,000 lbs capacity

» Well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust

Spring Loaded

Pages: 88-98

» 500 – 3,000 lbs capacity

» Protects cargo and equipment from shocks and unwanted vibration

Dual Wheels

Pages: 75-87

» 280 – 30,000 lbs capacity

» Can help you increase your capacity and floor protection, while also providing easier turning

ALBION®

Wheel Material SELECTION GUIDE

Selecting the right wheel can make a big difference in the performance and life of your caster. To determine what material would work best for your application, please review the below material descriptions and features — or connect with us at **www.albioncasters.com** or **800-835-8911** for specification assistance.

Polyurethane capacities up to 10,900 lbs

Description:

Albion's polyurethane wheels are uniquely formulated and open cast or injection molded to clean, close tolerance cores. Each unique formula is designed for specific mobility benefits, including: ergonomics, shock absorption, noise reduction, debris rejection, and overall durability.

Features:

- » Non-marking, floor protective
- » Resists chemicals and oils
- » Excellent capacity, wear resistance, and strength
- » Quieter and more shock absorbing than metal wheels
- » Designated wheels are towable
- » Various durometers, thicknesses, tread profiles and colors available

Rubber capacities up to 3,630 lbs

Description:

Rubber wheels provide exceptional floor protection, shock absorption, and our more advanced formulas even reject metal shavings and debris (Performa, SZ/SV). Various options can be found throughout our rubber wheel offering, including: non-marking formulas, no-maintenance/semi/fully pneumatic wheels, and a variety of durometers and color choices.

Features:

- » Floor protection
- » Quiet mobility
- » Cost effective
- » Shock absorption
- » Indoor/outdoor use (pneumatic family)

Metal capacities up to 20,000 lbs

Description:

Metal wheels offer the highest capacity, temperature resistance, and strength for your most abusive indoor/outdoor applications and floor conditions. Albion offers a range of materials to best suit your application, including: cast iron, ductile, and drop forged steel options.

Features:

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

Phenolic capacities up to 8,000 lbs

Description:

Phenolic wheels are constructed of heavy macerated materials impregnated with phenolic resins – and then molded under high heat and pressure to produce a quality, but economical industrial wheel.

Features:

- » High load capacities
- » Resistant to chemicals and oils
- » Impact resistant
- » Economical
- » High-temp options

Nylon & Glass Filled capacities up to 7,200 lbs

Description:

Offering high load capacities and greater floor protection than conventional metal or phenolic wheels, our range of Nylon and Glass-Filled wheels are a perfect fit for helping reduce wheel noise or in clean applications requiring frequent wash downs.

Features:

- » High load capacities
- » Impact resistant
- » Corrosion resistant
- » Resistant to chemicals and oils
- » High-temp options

Polypropylene capacities up to 1,000 lbs

Description:

Injection molded from a blend of thermoplastic polymers, Polypropylene wheels are our most economical and lightest wheel option with comparable load ratings to hard rubber wheels.

Features:

- » Most economical
- » Resistant to chemicals and oils
- » Lightweight
- » High-temp options

For additional wheel information, or to see the full offering of each of these categories – please refer to **pages 8-9**.

Wheel Bearing SELECTION GUIDE

To understand how bearing codes are represented in part numbers, please visit **page 18**.

Roller

BEARING CODE: 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.

Drawn Cup Roller

BEARING CODE: 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.

Precision Tapered Roller

BEARING CODE: 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.

Bronze

BEARING CODE: 22

Excellent for wash-down or steam cleaning applications. Bronze bearings are designed for temperatures up to 525°F.

Oilex

BEARING CODE: 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.

Radial Ball (Industrial Ball)

BEARING CODE: 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.

Precision Sealed Ball

BEARING CODE: 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 it provides the most ergonomic situation available. Maximum temperature range is 250°F.

Pedestal Precision Ball

BEARING CODE: 29

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

Annular Ball

BEARING CODE: 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. Designed for temperatures up to 160°F.

Plain Bore

BEARING CODE: 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.

Two Piece Delrin

BEARING CODE: 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.

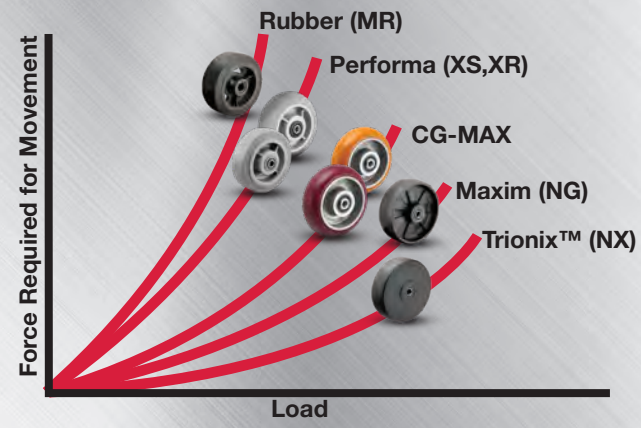
One Piece Delrin

BEARING CODE: 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.

ERGONOMIC EXPERTS

*The **right rig, wheel** and **bearing** can have a **BIG IMPACT** on your business and employees!*



For more than 75 years Albion 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 are our maintenance free **18 Series** (pages 52-53) and **28/38 series** (pages 21-22), along with a variety of other rig and wheel combinations throughout our **Heavy Duty Kingpinless** lineup (pages 24-33). Our maintenance free casters reduce the effort needed to bring a caster in line by **over 30%** in contrast to conventional dual ball raceway kingpin casters – plus they **reduced noise by 15%!**

WORKPLACE SAFETY & COST SAVINGS

- ***PUSH/PULL EASIER***
- ***TURN EASIER***
- ***REDUCE NOISE***
- ***BOOST EFFICIENCY***

LET US HELP

improve your employee satisfaction and bottom line through our ergonomic experience today! Connect with us **online at www.albioncasters.com** or **call 800-835-8911.**

POLYURETHANE EXPERTS

- **Strong tread bond for long life**
- **Close tolerance cores for precise manufacturing and quality control**
- **Superior material blends for the highest quality treads**

ALBION®
the caster experts

- Albion offers an expansive range of polyurethane wheels, with various material blends designed to deliver specific features and application benefits (see pages 115-127 for full offering)
- Our popular **80A** and **95A** durometer wheels are **designed and proven for industrial use**—many offering a **3 year warranty**
- New formulas and tread profiles continue to be developed to **enhance ergonomics** (**AX**, **AN** wheels)
- Standard and custom keyway inserts are available
- Custom machining and crown facing
- Cutter bars, brakes, and sound dampening pads available

Specialty Wheel Development – Albion's team of engineers has significant experience designing and developing new wheels for specialty applications in virtually any industry. Contact factory with your needs!

Custom colors available
(minimums may apply)

CG-MAX EFFICIENCY WHEEL™

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

CUSTOM SOLUTIONS

IDENTIFY YOUR NEEDS.

- Capture Your Vision
- Identify All Requirements
- Evaluate Safety and Ergonomics

DESIGN IT.

- Leverage Proven Knowledge Base
- Create Solid 3D Model Design
- Finite Element Analysis (FEA)
- 3D Printing
- Rapid Prototyping

With more than 500,000 standard caster models available, it's likely that Albion has just the right caster for your application. However, if you have a unique application that requires a custom need, our experienced sales and engineering teams can partner with you to create a practical solution that meets your needs.

Whether it's a modification to an existing product or a brand new custom design, Albion has the engineering experience and technology to bring your concept to life.

ALBION®

TEST IT.

- ANSI ICWM Standards
- Durability & Impact
- Ergonomic Push/Pull
- Brake & Accessory Fatigue
- Customer Specified Testing

BUILD & DELIVER IT.

- U.S. Heavy Duty Manufacturing
- Global Supply Chain
- CNC: Laser, Bender, Machining
- Robotic & Skilled Manual Welding
- Experienced Finishing & Assembly

At Albion, every custom project is led by a single project manager. Our comprehensive process begins by capturing the customer vision and all application requirements, and ends with a customer approved product that has been tightly audited throughout the production process. Every stage is scrutinized and reviewed, providing a solid framework for all new product innovations. This process ensures that your mobility solution is brought to life on-time and on-budget.

COMPLIANCE

Please work with your sales representative for compliance requirements on a part specific basis.

ACCREDITATION AND AFFILIATES

ISO 9001:2008 CERTIFIED

NSF
National Sanitation Foundation for Food Service
Many NSF listed casters available. Consult factory.

YOUR INDUSTRY CONNECTION MHEDA MEMBER Material Handling Equipment Distributors Association

ICWM Institute of Caster & Wheel Manufacturers Member Company

MHI Member Company

ISA INDUSTRIAL SUPPLY ASSOCIATION Linking Channel Partners

ALBION 3 YEAR WARRANTY

With our proven design and manufacturing experience, we guarantee select Albion casters with up to a three (3) year warranty from date of purchase; look for the 3 year warranty icon throughout the catalog. All other Albion brand casters feature a (1) year warranty from date of purchase. Visit albioncasters.com/warranty for official warranty details.

Albion Product Numbering System

Below are helpful examples of Casters, Wheels, and Rig part numbers and what the respective numbering system and codes represents in each.

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 **115-155**)	**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)

Note: Internal numbers for brakes can change.

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 **115-155**)	**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 **115-155**)	**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)

>> **Product Pages**
Up Next >>

NOTE: We work hard to ensure all specifications and part numbers are accurately represented throughout our catalog, however catalog specifications are subject to change without notice. Please feel free to contact us to request a drawing, sample (minimums may apply) or to confirm any specification detail prior to ordering.

MAINTENANCE FREE KINGPINLESS CASTERS
CAPACITY RANGE 1250-2500 LBS

Ergonomic

Maintenance Free

Common Applications:

- Production Racks and Carts
- Conveyor Systems
- Part Carts
- Tool Dollies
- Floor Trucks
- Warehouse Trucks
- Distribution Cages and Carts

38 Series
Ergonomic Maintenance Free Caster
with AN Wheel

ERGONOMIC

38 Series Maintenance Free
Page
Capacity to 2500 .....**21**

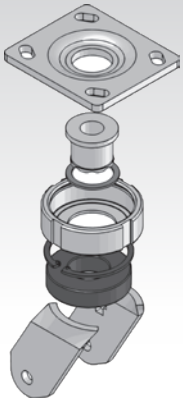
28 Series Maintenance Free
Page
Capacity to 1500 ..... **22**

18 Series Maintenance Free
Page
Capacity to 1250 ..... **23-24**

Maintenance Free Advantage

- Ergonomically designed
- Easier push/pull force
- Quieter operation
- Reduced maintenance costs
- Long life in towing application (28-38 Series)

Maintenance Free Rig + CG-MAX Wheel = Preferred Ergonomic Solution



SEALED PRECISION SWIVEL BEARING PROVIDES EXCELLENT ERGONOMICS WITH NO MAINTENANCE
- UP TO 2,500 LBS. CAPACITY

- EASIEST MOVEMENT
- REDUCES NOISE
- DEBRIS RESISTANT
- FLOOR PROTECTIVE

ALBION®

28 and 38 SERIES Maintenance Free Casters

The ultimate ergonomic solution

- *Strong and quiet*
- *Easy to push/pull*
- *Extended lead design for superior maneuverability*
- *Maintenance free*

38

Made in the USA

Maintenance Free
Ergonomic Precision Casters
CAPACITY TO 2500

New

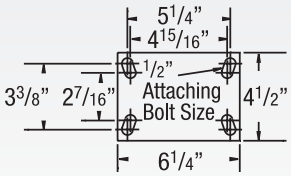
ALBION 5 YEAR WARRANTY

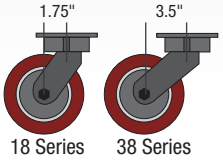
Heavier duty ergonomic design with extended leads for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

TYPICAL APPLICATIONS

- Automated guide vehicles
- Hand Push Carts
- Towing Carts
- Lean / JIT cart programs
- Tow Line Applications
- Warehouse Applications

MOUNTING OPTIONS
Standard Plate





Extended swivel lead on 38 series casters reduce "push / pull" force and eliminate chatter in tow applications

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

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

POLYURETHANE TREAD MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

6	2	1250	7 1/2	2 1/2	38AN06228S
8	2	1500	9 1/2	3 1/2	38AN08228S01
8	2	1500	10 1/8	3 1/2	38AN08228S
10	2	2500	12	3 1/2	38AN10228S

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

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX

6	2	1250	7 1/2	2 1/2	38AX06228S
8	2	1500	9 1/2	3 1/2	38AX08228S01
8	2	1500	10 1/8	3 1/2	38AX08228S
10	2	2500	12	3 1/2	38AX10228S

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

Quiet | Ergonomic | Maintenance Free | Premium Quality | Environmentally Friendly (Consult factory)

FEATURES

- **Maintenance Free:** Maintenance free swivel section. No lubrication ever needed
- **Ergonomic Extended Lead:** Extended lead is standard, improving ergonomics, reducing push / pull force
- **Top Plate & Yoke Base:** 5/16" HSLA steel plate. Yoke base is notched for field installable 4-position swivel lock
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base
- **Finish:** All parts, except wheel, are zinc plated
- **Axle:** 1/2" diameter solid axle with lock nut

BEARING OPTIONS

Precision Ball (28)
No lubrication required

ACCESSORIES

To order, add brake code below to end of model. Example: 38AN06228SFBK

Face brake
Available for swivel models; field installable specify **FBK**

New integrated face brake coming soon
Contact Albion.

Hand operated field installable **swivel lock** order **SL3000000** separately

Field installable toe guards See page 23 for model numbers

Specify **TO** for factory installed integral toe guard, available on swivel and rigid.

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

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

POLYURETHANE TREAD MODELS CONTINUED

Green Round Polyurethane Tread on Aluminum

PM

6	2	1250	7 1/2	2 1/2	38PM06228S
8	2	1500	9 1/2	3 1/2	38PM08228S01
8	2	1500	10 1/8	3 1/2	38PM08228S

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

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A

6	2	1250	7 1/2	2 1/2	38PM06228S80A
8	2	1500	9 1/2	3 1/2	38PM08228S0180A
8	2	1500	10 1/8	3 1/2	38PM08228S80A

80 Shore A — Standard Bearing: Precision Ball (28)

Yellow Polyurethane on Heavy Duty Iron

PF

6	2	2000	7 1/2	2 1/2	38PF06228S
8	2	2200	9 1/2	3 1/2	38PF08228S01
8	2	2200	10 1/8	3 1/2	38PF08228S

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

NYLON MODELS

Trionix™ High Impact Polymer

NX

6	2	2160	7 1/2	2 1/2	38NX06228S
8	2	2160	9 1/2	3 1/2	38NX08228S01
8	2	2160	10 1/8	3 1/2	38NX08228S

Standard Bearing: Precision Ball (28)

28

Made in the USA

Maintenance Free
Ergonomic Precision Casters

New CAPACITY TO 1500

ALBION 5 YEAR WARRANTY

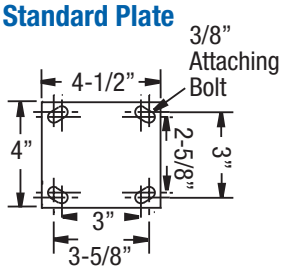
Ergonomic design with extended leads for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

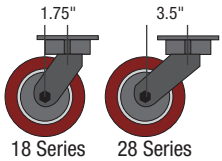
TYPICAL APPLICATIONS

- Automated guide vehicles
- Hand Push Carts
- Towing Carts
- Lean / JIT cart programs
- Tow Line Applications
- Warehouse Applications

MOUNTING OPTIONS

Standard Plate





Extended swivel lead on 28 series casters reduce "push / pull" force and eliminate chatter in tow applications

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

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

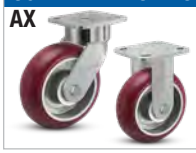
POLYURETHANE TREAD MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	6	2	1250	7 1/2	2 1/2	28AN06228S
	8	2	1500	9 1/2	3 1/2	28AN08228S01
	8	2	1500	10 1/8	3 1/2	28AN08228S

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

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum



AX	6	2	1250	7 1/2	2 1/2	28AX06228S
	8	2	1500	9 1/2	3 1/2	28AX08228S01
	8	2	1500	10 1/8	3 1/2	28AX08228S

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

Green Round Polyurethane Tread on Aluminum

PM	6	2	1250	7 1/2	2 1/2	28PM06228S
	8	2	1500	9 1/2	3 1/2	28PM08228S01
	8	2	1500	10 1/8	3 1/2	28PM08228S

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

Quiet | Ergonomic | Maintenance Free | Premium Quality | Environmentally Friendly (Consult factory)

FEATURES

- **Maintenance Free:** Maintenance free swivel section. No lubrication ever needed
- **Ergonomic Extended Lead:** Extended lead is standard, improving ergonomics, reducing push / pull force
- **Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for field installable 4-position swivel lock
- **Legs:** 1/4" steel, formed to increase strength and welded on inside and outside of yoke base
- **Finish:** All parts, except wheel, are zinc plated
- **Axle:** 1/2" diameter solid axle with lock nut

BEARING OPTIONS

Precision Ball (28)
No lubrication required

ACCESSORIES

To order, add brake code below to end of model. Example: 28AN06228SFBK

Face brake
Available for swivel models; field installable specify **FBK**

Hand operated field installable **swivel lock** order **SL16000013A** separately

Specify **TO** for factory installed integral toe guard, available on swivel and rigid.

Field installable toe guards See page 23 for model numbers

New integrated brake/toe guard coming soon
Contact Albion.

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

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

POLYURETHANE TREAD MODELS CONTINUED

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A	6	2	1250	7 1/2	2 1/2	28PM06228S80A
	8	2	1500	9 1/2	3 1/2	28PM08228S0180A
	8	2	1500	10 1/8	3 1/2	28PM08228S80A

80 Shore A — Standard Bearing: Precision Ball (28)

Yellow Polyurethane on Heavy Duty Iron

PF	6	2	1500	7 1/2	2 1/2	28PF06228S
	8	2	1500	9 1/2	3 1/2	28PF08228S01
	8	2	1500	10 1/8	3 1/2	28PF08228S

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

RUBBER TREAD MODELS

Performa Flat Tread on Polypropylene

XS	6	2	600	7 1/2	2 1/2	28XS06228S
	8	2	675	9 1/2	3 1/2	28XS08228S01
	8	2	675	10 1/8	3 1/2	28XS08228S

Standard Bearing: Precision Ball (28)

Performa Round Tread on Polypropylene

XR	6	2	450	7 1/2	2 1/2	28XR06228S
	8	2	600	9 1/2	3 1/2	28XR08228S01
	8	2	600	10 1/8	3 1/2	28XR08228S

Standard Bearing: Precision Ball (28)

NYLON MODELS

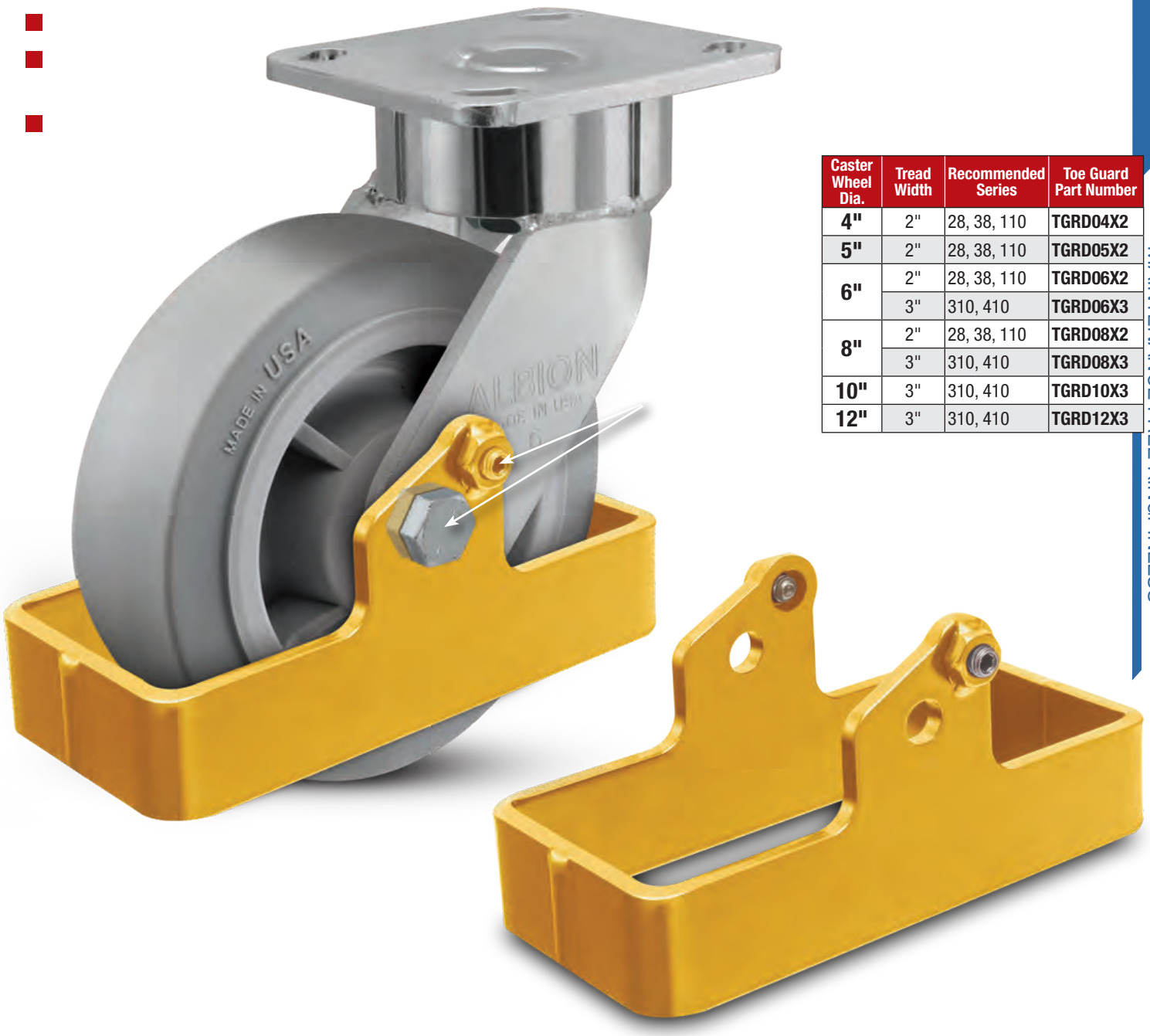
Heavy Duty Glass Filed Nylon

DT	6	2	1200	7 1/2	2 1/2	28DT06228S
	8	2	1400	9 1/2	3 1/2	28DT08228S01
	8	2	1400	10 1/8	3 1/2	28DT08228S

Standard Bearing: Precision Ball (28)

ALBION®

Toe Guards



Caster Wheel Dia.	Tread Width	Recommended Series	Toe Guard Part Number
4"	2"	28, 38, 110	TGRD04X2
5"	2"	28, 38, 110	TGRD05X2
6"	2"	28, 38, 110	TGRD06X2
	3"	310, 410	TGRD06X3
8"	2"	28, 38, 110	TGRD08X2
	3"	310, 410	TGRD08X3
10"	3"	310, 410	TGRD10X3
12"	3"	310, 410	TGRD12X3

18 Maintenance Free Ergonomic Precision Casters

CAPACITY TO 1250

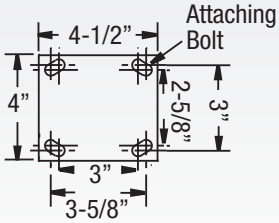
Ergonomically designed for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

TYPICAL APPLICATIONS

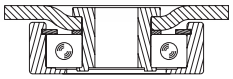
- Picking carts
- Light towing carts
- JIT Carts
- AGV & tow line applications

MOUNTING OPTIONS

Standard Plate



MAINTENANCE FREE SWIVEL CROSS SECTION



Quiet · Ergonomic · Maintenance Free · Premium Quality · Environmentally Friendly (Consult factory)

FEATURES

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

BEARING OPTIONS

Precision Ball (28)

Pedestal Precision (29)

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

ACCESSORIES

To order, add brake code below to end of model. Example: 18XS06228S**FBC**

Face brake specify **FBC**

Face brake specify **FBE**

Face brake specify **FBK**

Hand operated field installable **swivel lock** order **SL160000** separately

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

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

POLYURETHANE TREAD MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 11/16	5 1/2	18AN04228S
5	2	1000	6 1/2	1 5/8	6	18AN05228S
6	2	1250	7 1/2	1 3/4	7	18AN06228S
8	2	1250	9 1/2	1 3/4	9	18AN08228S

85 Shore A

Learn more at right

Standard Bearing: Precision Ball (**28**) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 11/16	5 1/2	18AX04228S
5	2	1000	6 1/2	1 5/8	6	18AX05228S
6	2	1250	7 1/2	1 3/4	7	18AX06228S
8	2	1250	9 1/2	1 3/4	9	18AX08228S

85 Shore A

Learn more at right

Standard Bearing: Precision Ball (**28**) with new patent pending top hats.

POLYURETHANE TREAD MODELS CONTINUED

Green Round Polyurethane Tread on Aluminum

PM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1000	6 1/2	1 5/8	6	18PM05228S
6	2	1250	7 1/2	1 3/4	7	18PM06228S
8	2	1250	9 1/2	1 3/4	9	18PM08228S

95 Shore A

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

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1000	6 1/2	1 5/8	6	18PM05228S80A
6	2	1250	7 1/2	1 3/4	7	18PM06228S80A
8	2	1250	9 1/2	1 3/4	9	18PM08228S80A

80 Shore A

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

To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

See wheel section for more information or ...

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

Continue on next page >>

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

POLYURETHANE TREAD MODELS CONTINUED

Aubin Industries Swivel-EAZ® Dual Round Tread

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
EY	4	2	675	5 5/8	1 11/16		18EY04228S
	5	2	900	6 1/2	1 5/8		18EY05228S
	6	2	1250	7 1/2	1 3/4		18EY06228S
	8	2	1250	9 1/2	1 3/4		18EY08228S

Standard Bearing: Precision Ball (28)

Aubin Industries Swivel-EAZ® Dual Flat Tread

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
EZ	4	2	900	5 5/8	1 11/16		18EZ04228S
	5	2	1250	6 1/2	1 5/8		18EZ05228S
	6	2	1250	7 1/2	1 3/4		18EZ06228S
	8	2	1250	9 1/2	1 3/4		18EZ08228S

Standard Bearing: Precision Ball (28)

Endura Solid Elastomer Polyurethane

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
SE	4	2	1000	5 5/8	1 11/16	6	18SE04228S
	5	2	1000	6 1/2	1 5/8	6 1/2	18SE05228S
	6	2	1100	7 1/2	1 3/4	7 1/4	18SE06228S
	8	2	1200	9 1/2	1 3/4	9	18SE08228S

Standard Bearing: Precision Ball (28)

Hi-Tech Antimicrobial Polyurethane on Polypropylene

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XA	4	2	720	5 5/8	1 11/16		18XA04229S
	5	2	900	6 1/2	1 5/8		18XA05229S
	6	2	1100	7 1/2	1 3/4		18XA06229S
	8	2	1200	9 1/2	1 3/4		18XA08229S

Standard Bearing: Pedestal Precision Ball (29)

Hi-Tech Polyurethane on Polypropylene (Maroon)

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XM	4	2	720	5 5/8	1 11/16		18XA04229S
	5	2	900	6 1/2	1 5/8		18XA05229S
	6	2	1100	7 1/2	1 3/4		18XA06229S
	8	2	1200	9 1/2	1 3/4		18XA08229S

Standard Bearing: Pedestal Precision Ball (29)

Yellow Polyurethane Tread on Heavy Duty Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PF	6	2	1250	7 1/2	1 3/4	7	18PF06228S
	8	2	1250	9 1/2	1 3/4	9	18PF08228S

95 Shore A

Standard Bearing: Precision Ball (28)

Endura Solid Elastomer Polyurethane

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
SE	4	2	1000	5 5/8	1 11/16	6	18SE04228S
	5	2	1000	6 1/2	1 5/8	6 1/2	18SE05228S
	6	2	1100	7 1/2	1 3/4	7 1/4	18SE06228S
	8	2	1200	9 1/2	1 3/4	9	18SE08228S

Standard Bearing: Precision Ball (28)

NYLON TREAD MODELS

Trionix™ High Impact Polymer

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
NX	4	2	1250	5 5/8	1 11/16	8	18NX04228S
	5	2	1250	6 1/2	1 5/8	9	18NX05228S
	6	2	1250	7 1/2	1 3/4	10 3/4	18NX06228S
	8	2	1250	9 1/2	1 3/4	11	18NX08228S

Standard Bearing: Precision Ball (28)

Heavy Duty Glass Filed Nylon

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
DT	4	2	800	5 5/8	1 11/16		18DT04228S
	5	2	1000	6 1/2	1 5/8		18DT05228S
	6	2	1200	7 1/2	1 3/4		18DT06228S
	8	2	1250	9 1/2	1 3/4		18DT08228S

Standard Bearing: Precision Ball (28)

RUBBER TREAD MODELS

Performa Flat Tread on Polypropylene

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XS	4	2	350	5 5/8	1 11/16	6 1/4	18XS04228S
	5	2	375	6 1/2	1 5/8	7	18XS05228S
	6	2	600	7 1/2	1 3/4	6 1/2	18XS06228S
	8	2	675	9 1/2	1 3/4	7 1/2	18XS08228S

Standard Bearing: Precision Ball (28)

Performa Round Tread on Polypropylene

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XR	6	2	450	7 1/2	1 3/4	6 1/2	18XR06228S
	8	2	600	9 1/2	1 3/4	7 1/2	18XR08228S

Standard Bearing: Precision Ball (28)

Black Monoprene Semi-Pneumatic

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
SZ	6	2	250	7 1/2	1 3/4		18SZ06228S
	8	2	280	9 1/2	1 3/4		18SZ08228S

Standard Bearing: Precision Ball (28)

Grey Monoprene Semi-Pneumatic

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
SV	6	2	250	7 1/2	1 3/4		18SV06228S
	8	2	280	9 1/2	1 3/4		18SV08228S

Standard Bearing: Precision Ball (28)

18 Series Wheel Selection Hints

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

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

Rubber/Pneumatic Style
- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Debris rejection

HEAVY DUTY KINGPINLESS CASTERS

CAPACITY RANGE 2000-9500 LBS

410 Series
Heavy Duty Kingpinless Caster

Made in the USA

Common Applications:

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

610 Series
Capacity to 9500 .....**28-29**

Made in the USA

410 Series
Capacity to 5400 .....**30-31**

Made in the USA

310 Series
Capacity to 4100 .....**32-33**

470 Series
Capacity to 3500 ..... **34**

370 Series **Page**
Capacity to 3000 ..... **35**

110 Series
Capacity to 2000 .....**36-37**

170 Series
Capacity to 4100 .....**38-39**

KINGPINLESS

HEAVY DUTY KINPINLESS CASTERS

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

STAINLESS STEEL CASTERS

If your heavy duty casters are exposed to cleaning agents, steam, water, caustic solutions or other agents that cause rust, switch to Stainless Steel to extend your caster life **(pages 40-43)**.

KINGPINLESS SPRING LOADED CASTERS

If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and noise levels, see the Spring Loaded Section **(pages 84-89)**.

WHY KINGPINLESS?

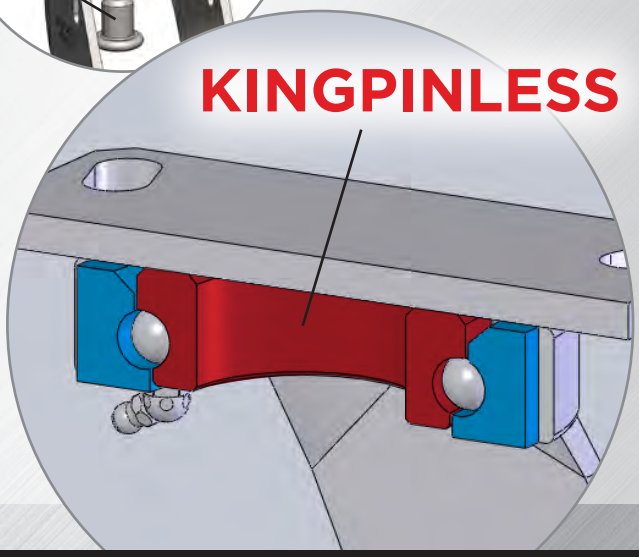
Kingpinless casters *eliminate* kingpin failure.

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

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

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

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



Kingpinless Models

Single Wheel
Pages 28-37

Dual Wheel
Pages 71-83

Spring Loaded
Pages 84-94

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

Stainless Kingpinless

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

Pages 40-43

610 Kingpinless Casters

CAPACITY TO 9500

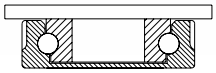
Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

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

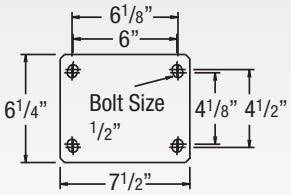
TYPICAL APPLICATIONS

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

SWIVEL CROSS SECTION



MOUNTING OPTION



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:** 3" tread width wheels feature a 3/4" axle, 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

BEARING OPTIONS

Tapered Roller (09)

Precision Ball (28)

RIG OPTIONS

- Dual wheel models available, consult factory
- Shear disk mounting, consult factory
- **Optional Spring Loaded:** Spring loaded casters offer improved product protection and redue noise. See options available on page 85

ACCESSORIES

To order, add brake code below to end of model. Example: 610PY08509S**P**

Poly Cam brake specify **P**

PLB Integrated brake specify **PLB**

Hand operated field installable **swivel lock** order **SL6000000** separately

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

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

POLYURETHANE MODELS

Polyurethane on Cast Iron

PY

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2200	8 1/2	1 3/4	610PY06509S
8	3	2600	10 1/2	2 1/4	610PY08509S
8	4	3800	10 1/2	2 1/4	610PY08709S
10	3	3100	12 1/2	2 3/4	610PY10509S
10	4	4200	12 1/2	2 3/4	610PY10709S
12	4	4800	15 1/2	3 5/8	610PY12709S
14	4	5000	18	4 3/8	610PY14709S

Standard Bearing: Tapered Roller (**09**).

Consult PY section on pages 104-105 for optional durometers/capacities

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

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

POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Cast Iron

PX

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2250	8 1/2	1 3/4	610PX06509S
8	3	2780	10 1/2	2 1/4	610PX08509S
8	4	3850	10 1/2	2 1/4	610PX08709S
10	3	3300	12 1/2	2 3/4	610PX10509S
10	4	4620	12 1/2	2 3/4	610PX10709S
12	4	5280	15 1/2	3 5/8	610PX12709S

Standard Bearing: Tapered Roller (**09**).

Yellow Polyurethane on Heavy Duty Cast Iron

PF

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	3300	8 1/2	1 3/4	610PF06528S
8	3	4000	10 1/2	2 1/4	610PF08528S
10	3	4200	12 1/2	2 3/4	610PF10528S
12	3	4400	15 1/2	3 5/8	610PF12528S

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

Continue on next page >>

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

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

POLYURETHANE MODELS (CONTINUED)

Aubin Industries Swivel-EAZ® Round Tread

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
EY	6	3	2137	8 1/2	1 3/4	610EY06528S
	8	3	3250	10 1/2	2 1/4	610EY08528S
	10	3	3800	12 1/2	2 3/4	610EY10528S
	12	3	4800	15 1/2	3 5/8	610EY12528S

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

Aubin Industries Swivel-EAZ® Flat Tread

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
EZ	6	3	2850	8 1/2	1 3/4	610EZ06528S
	8	3	4000	10 1/2	2 1/4	610EZ08528S
	10	3	4800	12 1/2	2 3/4	610EZ10528S
	12	3	3800	15 1/2	3 5/8	610EZ12528S

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

Polyurethane on Aluminum

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PD	8	3	2520	10 1/2	2 1/4	610PD08509S
	10	3	3000	12 1/2	2 3/4	610PD10509S
	12	3	3500	15 1/2	3 5/8	610PD12509S

Standard Bearing: Tapered Roller (**09**).

NYLON MODELS

Trionix™ High Impact Polymer

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
NX	6	3	7200	8 1/2	1 3/4	610NX06528S
	8	3	7200	10 1/2	2 1/4	610NX08528S
	10	3	7200	12 1/2	2 3/4	610NX10528S
	12	3	7200	15 1/2	3 5/8	610NX12528S

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

METAL MODELS

Drop Forged Steel

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
FS	8	3	9500	10 1/2	2 1/4	610FS08509S
	10	3	9500	12 1/2	2 3/4	610FS10509S
	10	4	9500	12 1/2	2 3/4	610FS10709S

Standard Bearing: Tapered Roller (**09**).

Heavy Duty Drop Forged Stee

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
FH	8	3	9500	10 1/2	2 1/4	610FH08509S
	10	3	9500	12 1/2	2 3/4	610FH10509S

Standard Bearing: Tapered Roller (**09**).

Crowned Tread Ductile Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
FR	6	3	6000	8 1/2	1 3/4	610FR06509S
	8	3	6000	10 1/2	2 1/4	610FR08509S
	10	3	6000	12 1/2	2 3/4	610FR10509S

Standard Bearing: Tapered Roller (**09**).

Ductile Iron V-Groove (**VM**) models available.
Change **FR** wheel code to **VM.** Example: 610**VM**06401S.

Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
CA	6	3	2800	8 1/2	1 3/4	610CA06509S
	8	3	2800	10 1/2	2 1/4	610CA08509S
	8	4	4000	10 1/2	2 1/4	610CA08709S
	10	3	2800	12 1/2	2 3/4	610CA10509S
	10	4	4000	12 1/2	2 3/4	610CA10709S

Standard Bearing: Tapered Roller (**09**).

Drop Forged V-Grooved

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VF	6	3	9500	8 1/2	1 3/4	610VF06509S
	8	4	9500	10 1/2	2 1/4	610VF08709S
	10	4	9500	12 1/2	2 3/4	610VF10709S

Standard Bearing: Tapered Roller (**09**).

V-Grooved Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VG	6	2 1/2	2500	8 1/2	1 3/4	610VG06409S
	8	2 1/2	2500	10 1/2	2 1/4	610VG08409S
	10	3	2500	12 1/2	2 3/4	610VG10509S

Standard Bearing: Tapered Roller (**09**).

PHENOLIC MODELS

Phenolic

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
TM	6	3	2000	8 1/2	1 3/4	610TM06509S
	8	3	2500	10 1/2	2 1/4	610TM08509S
	10	3	2900	12 1/2	2 3/4	610TM10509S
	12	3	3500	15 1/2	3 5/8	610TM12509S
	12	4	8000	15 1/2	3 5/8	610TM12709S

Standard Bearing: Tapered Roller (**09**).

Selecting The Right Heavy Duty Wheel For Your Application

PY PX

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater cpacity

PD

- Aluminum core provides improved corrosion resistance
- Lighter weight than heavy cast iron cores

PF EY EZ

- High capacity formulation
- Excellent ergonomic performance
- Standard precision ball bearing

NX

- High capacity and impact strength
- Best steel wheel replacement for added floor protection

TM

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

410 Made in the USA

Kingpinless Casters

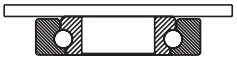
CAPACITY TO 5400

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

TYPICAL APPLICATIONS

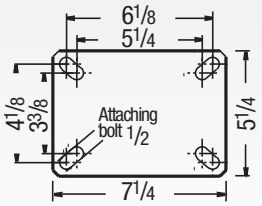
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION



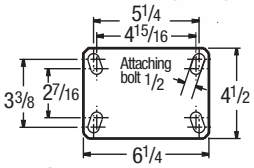
MOUNTING OPTIONS

Standard Plate



Special Order Plate

Optional (PATK)



For optional plates consult factory

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

FEATURES

- **Integral laser cut design**
- **3 Year** warranty
- **Top Plate:** 3/8" AISI 1045
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

BEARING OPTIONS

Straight Roller (01) | Tapered Roller (09) | Precision Ball (28)

TOE GUARD

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

RIG OPTIONS

- **Optional Spring Loaded:** Spring loaded casters offer improved product protection and redue noise. See options available on page 86

ACCESSORIES

To order, add brake code below to end of model. Example: 410PY08501S**P**

Poly Cam brake specify **P**

PLB Integrated brake specify **PLB**

Face brake specify **FBB**

Face brake specify **F**

Hand operated field installable **swivel lock** order **SL4000000** separately

Field installable toe guards See page 23 for model numbers

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

POLYURETHANE MODELS

Polyurethane on Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PY	6	3	2200	8	2 7/32	410PY06501S
	8	3	2600	10 1/2	2 15/16	410PY08501S
	10	3	3100	12 1/2	3 3/8	410PY10501S
	12	3	3600	15 1/2	4 5/16	410PY12501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.
Consult PY section on pages 104-105 for optional durometers/capacities

POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PX	6	3	2450	8	2 7/32	410PX06501S
	8	3	3500	10 1/2	2 15/16	410PX08501S
	10	3	3700	12 1/2	3 3/8	410PX10501S
	12	3	4100	15 1/2	4 5/16	410PX12501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.

Polyurethane Reactive on Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
AZ	6	3	1800	8	2 7/32	410AZ06528S
	8	3	2000	10 1/2	2 15/16	410AZ08528S
	10	3	2200	12 1/2	3 3/8	410AZ10528S
	12	3	2400	15 1/2	4 5/16	410AZ12528S

80 Shore A

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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Continue on next page >>

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

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

PF

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	3300	8	2 7/32	410PF06528S
8	3	4000	10 1/2	2 15/16	410PF08528S
10	3	4200	12 1/2	3 3/8	410PF10528S
12	3	4400	15 1/2	3 3/8	410PF12528S

95 Shore A

Standard Bearing: Precision Ball (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.

Aubin Industries Swivel-EAZ® Round Tread

EY

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	2137	8	2 7/32	410EY06528S
8	3	3250	10 1/2	2 15/16	410EY08528S
10	3	3800	12 1/2	3 3/8	410EY10528S
12	3	4000	15 1/2	4 5/16	410EY12528S

Standard Bearing: Precision Ball (**28**).
Optional Bearing: Tapered Roller (**09**); Change **28** above to **09**.

Aubin Industries Swivel-EAZ® Flat Tread

EZ

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	2850	8	2 7/32	410EZ06528S
8	3	4000	10 1/2	2 15/16	410EZ08528S
10	3	4800	12 1/2	3 3/8	410EZ10528S
12	3	5400	15 1/2	4 5/16	410EZ12528S

Standard Bearing: Precision Ball (**28**).
Optional Bearing: Tapered Roller (**09**); Change **28** above to **09**.

Polyurethane on Aluminum

PD

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
8	3	2520	10 1/2	2 15/16	410PD08501S
10	3	3000	12 1/2	3 3/8	410PD10501S
12	3	3500	15 1/2	3 3/8	410PD12501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.

NYLON MODELS

Trionix™ High Impact Polymer

NX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	5400	8	2 7/32	410NX06528S
8	3	5400	10 1/2	2 15/16	410NX08528S
10	3	5400	12 1/2	3 3/8	410NX10528S
12	3	5400	15 1/2	4 5/16	410NX12528S

Standard Bearing: Precision Ball (**28**).
Optional Bearing: Tapered Roller (**09**); Change **28** above to **09**.

METAL MODELS

Drop Forged Steel

FS

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	5400	8	2 7/32	410FS06501S
8	3	5400	10 1/2	2 15/16	410FS08501S
10	3	5400	12 1/2	3 3/8	410FS10501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.
6x2-1/2 capacity increases to 5000, 8x3 capacity increases to 5400 and 10x3 capacity increases to 5400 with use of 09 bearing.

Crowned Tread Ductile Iron

FR, VM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	5400	8	2 7/32	410FR06501S
8	3	5400	10 1/2	2 15/16	410FR08501S
10	3	5400	12 1/2	3 3/8	410FR10501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.
Ductile Iron V-Groove (**VM**) models available.
Change **FR** wheel code to **VM.** Example: 410**VM**06401S.

Cast Iron

CA

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	2800	8	2 7/32	410CA06501S
8	3	2800	10 1/2	2 15/16	410CA08501S
10	3	2800	12 1/2	3 3/8	410CA10501S
12	3	2800	15 1/2	4 5/16	410CA12501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.

Drop Forged V-Grooved

VF

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
8	3	5400	10 1/2	2 15/16	410VF08509S
10	3	5400	12 1/2	3 3/8	410VF10509S

Standard Bearing: Roller (**01**).

V-Grooved Cast Iron

VG

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	2 1/2	2500	8	2 7/32	410VG06401S
8	2 1/2	2500	10 1/2	2 15/16	410VG08401S
8	3	2500	10 1/2	2 15/16	410VG08501S
10	3	2500	12 1/2	3 3/8	410VG10501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.

PHENOLIC MODELS

Phenolic

TM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	2000	8	2 7/32	410TM06501S
8	3	2500	10 1/2	2 15/16	410TM08501S
10	3	2900	12 1/2	3 3/8	410TM10501S
12	3	3500	15 1/2	4 5/16	410TM12501S

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.

Selecting The Right Heavy Duty Wheel For Your Application

PY PX

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater cpacity

PD

- Aluminum core provides improved corrosion resistance
- Lighter weight than heavy cast iron cores

AZ PF EY EZ

- High capacity formulation
- Excellent ergonomic performance
- Standard precision ball bearing

NX

- High capacity and impact strength
- Best steel wheel replacement for added floor protection

TM

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

310 Made in the USA

Kingpinless Casters

CAPACITY TO 4100

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

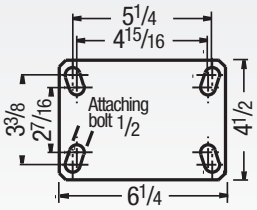
TYPICAL APPLICATIONS

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

SWIVEL CROSS SECTION

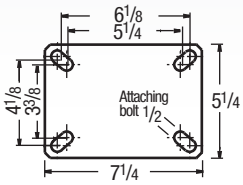
MOUNTING OPTIONS

Standard Plate



Special Order Plate

Optional (PATP)



For optional plates consult factory

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

FEATURES

- **Integral laser cut design**
- **3 Year** warranty
- **Top Plate:** 5/16" AISI 1045
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

BEARING OPTIONS

Straight Roller (01) | Tapered Roller (09) | Precision Ball (28)

TOE GUARD

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

STAINLESS STEEL OPTION

See page 41

RIG OPTIONS

- **Optional Towable Swivel Leads:** Consult factory for optional towing leads
- **Optional Spring Loaded:** Spring loaded casters offer improved product protection and redue noise. See options available on page 87

ACCESSORIES

To order, add brake code below to end of model. Example: 310PY08401S**P**

Poly Cam brake specify **P**

PLB Integrated brake specify **PLB**

Face brake specify **FBB**

Face brake specify **F**

Hand operated field installable **swivel lock** order **SL3000000** separately

Field installable toe guards See page 23 for model numbers

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

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
10	2	3100	12	3 1/2	310AX10228S

85 Shore A

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

Overall height is 12" for 10x2 wheels only.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
10	2	3100	12	3 1/2	310AX10228S

85 Shore A

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

Overall height is 12" for 10x2 wheels only.

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

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

POLYURETHANE MODELS (CONTINUED)

Polyurethane on Cast Iron

PY

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	2200	7 1/2	1 3/8	310PY06501S
8	3	2600	10 1/8	2 1/16	310PY08501S
10	3	3100	11 1/2	2 1/4	310PY10501S
12	3	3600	13 1/2	2 11/16	310PY12501S

95 Shore A

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.
Consult PY section on pages 104-105 for optional durometers/capacities

Thick Tread Polyurethane on Cast Iron

PX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	2450	7 1/2	1 3/8	310PX06501S
8	3	3500	10 1/8	2 1/16	310PX08501S
10	3	3700	11 1/2	2 1/4	310PX10501S
12	3	4100	13 1/2	2 11/16	310PX12501S

95 Shore A

Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.
Standard durometer 95 Shore A. Other durometers available.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Continue on next page >>

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

POLYURETHANE MODELS (CONTINUED)

Polyurethane Reactive on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
AZ					
6	3	1800	7 1/2	1 3/8	310AZ06528S
8	3	2000	10 1/8	2 1/16	310AZ08528S
10	3	2200	11 1/2	2 1/4	310AZ10528S
12	3	2400	13 1/2	2 11/16	310AZ12528S

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

Yellow Polyurethane on Heavy Duty Cast Iron

PF					
6	3	3300	7 1/2	1 3/8	310PF06528S
8	3	4000	10 1/8	2 1/16	310PF08528S
10	3	4100	11 1/2	2 1/4	310PF10528S
12	3	4100	13 1/2	2 11/16	310PF12528S

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

Aubin Industries Swivel-EAZ® Crown Tread

EY					
6	3	2137	7 1/2	1 3/8	310EY06528S
8	3	3250	10 1/8	2 1/16	310EY08528S
10	3	3800	11 1/2	2 1/4	310EY10528S
12	3	4000	13 1/2	2 11/16	310EY12528S

95 Shore A Standard Bearing: Precision Ball (**28**).
Standard durometer 95 Shore A. Other durometers available.

Aubin Industries Swivel-EAZ® Flat Tread

EZ					
6	3	2850	7 1/2	1 3/8	310EZ06528S
8	3	4000	10 1/8	2 1/16	310EZ08528S
10	3	4100	11 1/2	2 1/4	310EZ10528S
12	3	4100	13 1/2	2 11/16	310EZ12528S

95 Shore A Standard Bearing: Precision Ball (**28**).
Standard durometer 95 Shore A. Other durometers available.

Polyurethane on Aluminum

PD					
8	3	2520	10 1/8	2 1/16	310PD08501S
10	3	3000	11 1/2	2 1/4	310PD10501S
12	3	3500	13 1/2	2 11/16	310PD12501S

95 Shore A Standard Bearing: Roller (**01**).
Optional Bearing: Tapered Roller (**09**); Change **01** above to **09**.

NYLON MODELS

Trionix™ High Impact Polymer

NX					
6	3	4100	7 1/2	1 3/8	310NX06528S
8	3	4100	10 1/8	2 1/16	310NX08528S
10	3	4100	11 1/2	2 1/4	310NX10528S
12	3	4100	13 1/2	2 11/16	310NX12528S

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

METAL MODELS

Drop Forged Steel

FS					
6	3	4100	7 1/2	1 3/8	310FS06501S
8	3	4100	10 1/8	2 1/16	310FS08501S
10	3	4100	11 1/2	2 1/4	310FS10501S

Standard Bearing: Roller (**01**).
Optional Bearings: Tapered Roller (**09**); Change **01** above to **09**.

Crowned Tread Ductile Iron

FR, VM					
6	3	4100	7 1/2	1 3/8	310FR06501S
8	3	4100	10 1/8	2 1/16	310FR08501S
10	3	4100	11 1/2	2 1/4	310FR10501S
12	3	4100	13 1/2	2 11/16	310FR12501S

Standard Bearing: Roller (**01**).
Optional Bearings: Tapered Roller (**09**); Change **01** above to **09**.
V-Groove (**VM**) models available.
Change **FR** wheel code to **VM.** Example: 310**VM**08501S.
VM is not available in 12" diameter

Cast Iron

CA					
6	3	2800	7 1/2	1 3/8	310CA06501S
8	3	2800	10 1/8	2 1/16	310CA08501S
10	3	2800	11 1/2	2 1/4	310CA10501S
12	3	2800	13 1/2	2 11/16	310CA12501S

Standard Bearing: Roller (**01**).
Optional Bearings: Tapered Roller (**09**); Change **01** above to **09**.

Drop Forged V-Grooved

VF					
8	3	4100	10 1/8	2 1/16	310VF08501S
10	3	4100	11 1/2	2 1/4	310VF10501S

Standard Bearing: Roller (**01**).

V-Groove Cast Iron

VG					
6	2 1/2	2500	7 1/2	1 3/8	310VG06401S
8	2 1/2	2500	10 1/8	2 1/16	310VG08401S
8	3	2500	10 1/8	2 1/16	310VG08501S
10	3	3500	11 1/2	2 1/4	310VG10501S

Standard Bearing: Roller (**01**).
Optional Bearings: Tapered Roller (**09**); Change **01** above to **09**.

PHENOLIC MODELS

Phenolic

TM					
6	3	2000	7 1/2	1 3/8	310TM06501S
8	3	2500	10 1/8	2 1/16	310TM08501S
10	3	2900	11 1/2	2 1/4	310TM10501S
12	3	3500	13 1/2	2 11/16	310TM12501S

Standard Bearing: Roller (**01**).
Optional Bearings: Tapered Roller (**09**); Change **01** above to **09**.

Selecting The Right Heavy Duty Wheel For Your Application

PY PX

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater cpacity

PD

- Aluminum core provides improved corrosion resistance
- Lighter weight than heavy cast iron cores

AZ PF EY EZ

- High capacity formulation
- Excellent ergonomic performance
- Standard precision ball bearing

NX

- High capacity and impact strength
- Best steel wheel replacement for added floor protection

TM

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

110 Kingpinless Casters

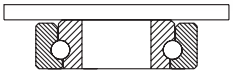
CAPACITY TO 2000

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

TYPICAL APPLICATIONS

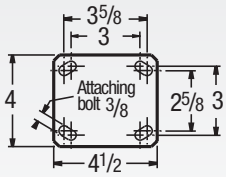
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

SWIVEL CROSS SECTION



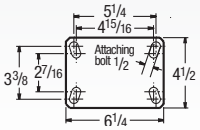
MOUNTING OPTIONS

Standard Plate



Special Order Plate

Optional (PATK)



Consult factory for additional mounting options

Premium Quality | Towing ^ | Ergonomic

FEATURES

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

BEARING OPTIONS

Straight Roller (01) | Precision Ball (28)

Consult factory for additional bearing options.

TOE GUARD

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

STAINLESS STEEL OPTION

See 120 Series on page 42-43

RIG OPTIONS

- **Optional swivel leads** of 2-1/4" for 6" casters and 3-1/2" for 8" cast-ers. Only available in 6" with 7-1/2" overall heights and 8" and 10-1/8" overall heights. To order, add **X** to end of model number. Consult factory for specification support, as load capaci-ties may reduce based on application or equipment design.

ACCESSORIES

To order, add brake code below to end of caster number. Example: 110XS06201S**CB110**

Cam brake specify **CB110**

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

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

Face brake specify **FBE**

Face brake specify **FBK**

Poly Cam brake specify **P**

Swivel Lock Hand operated field installable swivel lock order **SL16000013A** separately; for optional plates consult factory

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

Field installable toe guards See page 23 for model numbers

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

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
4	2	800	5 5/8	1 3/16	**110AX04228S**
5	2	1000	6 1/2	1 3/8	**110AX05228S**
6	2	1250	7 1/2	1 9/16	**110AX06228S**
8	2	1500	9 1/2	2 1/4	**110AX08228S01**
8	2	1500	10 1/8	2 1/4	**110AX08228S**

85 Shore A
Learn more at right

Standard Bearing: Precision Ball (**28**) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
4	2	800	5 5/8	1 3/16	**110AN04228S**
5	2	1000	6 1/2	1 3/8	**110AN05228S**
6	2	1250	7 1/2	1 9/16	**110AN06228S**
8	2	1500	9 1/2	2 1/4	**110AN08228S01**
8	2	1500	10 1/8	2 1/4	**110AN08228S**

85 Shore A
Learn more at right

Standard Bearing: Precision Ball (**28**) with new patent pending top hats.

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

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

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
5	2	1000	6 1/2	1 3/8	**110PM05228S**
6	2	1250	7 1/2	1 9/16	**110PM06228S**
8	2	1500	9 1/2	2 1/4	**110PM08228S01**
8	2	1500	10 1/8	2 1/4	**110PM08228S**

95 Shore A

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

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

See wheel section for more information or ...

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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Continue on next page >>

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

POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PM 80A					
5	2	1000	6 1/2	1 3/8	110PM05228S80A
6	2	1250	7 1/2	1 9/16	110PM06228S80A
8	2	1500	9 1/2	2 1/4	110PM08228S0180A
8	2	1500	10 1/8	2 1/4	110PM08228S80A

80 Shore A

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

Aubin Industries Swivel-EAZ® Dual Round Tread

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
EY					
4	2	675	5 5/8	1 3/16	110EY04228S
5	2	900	6 1/2	1 3/8	110EY05228S
6	2	1425	7 1/2	1 9/16	110EY06228S
8	2	2000	9 1/2	2 1/4	110EY08228S01
8	2	2000	10 1/8	2 1/4	110EY08228S

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

Aubin Industries Swivel-EAZ® Dual Crowned Tread

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
EZ					
4	2	900	5 5/8	1 3/16	110EZ04228S
5	2	1400	6 1/2	1 3/8	110EZ05228S
6	2	1900	7 1/2	1 9/16	110EZ06228S
8	2	2000	9 1/2	2 1/4	110EZ08228S01
8	2	2000	10 1/8	2 1/4	110EZ08228S

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

Green Polyurethane Crowned Tread on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PD					
4	2	700	5 5/8	1 3/16	110PD04201S
5	2	1050	6 1/2	1 3/8	110PD05201S
6	2	1230	7 1/2	1 9/16	110PD06201S
8	2	1500	9 1/2	2 1/4	110PD08201S01
8	2	1500	10 1/8	2 1/4	110PD08201S

Standard Bearing: Roller (**01**).

Yellow Polyurethane Tread on Heavy Duty Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PF					
6	2	2000	7 1/2	1 9/16	110PF06228S
8	2	2000	9 1/2	2 1/4	110PF08228S01
8	2	2000	10 1/8	2 1/4	110PF08228S

95 Shore A

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

Endura Solid Elastomer Polyurethane

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
SE					
4	2	1000	5 5/8	1 3/16	110SE04228S
5	2	1000	6 1/2	1 3/8	110SE05228S
6	2	1200	7 1/2	1 9/16	110SE06228S
8	2	1200	9 1/2	2 1/4	110SE08228S01
8	2	1200	10 1/8	2 1/4	110SE08228S

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

Hi-Tech Antimicrobial Polyurethane on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
XA					
4	2	720	5 5/8	1 3/16	110XA04229S
5	2	900	6 1/2	1 3/8	110XA05229S
6	2	1100	7 1/2	1 9/16	110XA06229S
8	2	1200	9 1/2	2 1/4	110XA08229S01
8	2	1200	10 1/8	2 1/4	110XA08229S

NYLON MODELS

Trionix™ High Impact Polymer

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
NX					
4	2	2000	5 5/8	1 3/16	110NX04228S
5	2	2000	6 1/2	1 3/8	110NX05228S
6	2	2000	7 1/2	1 9/16	110NX06228S
8	2	2000	9 1/2	2 1/4	110NX08228S01
8	2	2000	10 1/8	2 1/4	110NX08228S

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

High Temp Glass Filled Nylon

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
HT					
4	2	800	5 5/8	1 3/16	110HT04201S
5	2	1000	6 1/2	1 3/8	110HT05201S
6	2	1200	7 1/2	1 9/16	110HT06201S
8	2	1400	9 1/2	2 1/4	110HT08201S01
8	2	1400	10 1/8	2 1/4	110HT08201S

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

Heavy Duty Glass Filled Nylon

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
DT					
4	2	1000	5 5/8	1 3/16	110DT04228S
5	2	1200	6 1/2	1 3/8	110DT05228S
6	2	1400	7 1/2	1 9/16	110DT06228S
8	2	1600	9 1/2	2 1/4	110DT08228S01
8	2	1600	10 1/8	2 1/4	110DT08228S

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

METAL MODELS

Ductile Iron Crowned Tread

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
FR					
5	2	1500	6 1/2	1 3/8	110FR05201S
6	2	2000	7 1/2	1 9/16	110FR06201S
8	2	2000	9 1/2	2 1/4	110FR08201S01
8	2	2000	10 1/8	2 1/4	110FR08201S

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

Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
CA					
4	1 7/8	1000	5 5/8	1 3/16	110CA04201S
5	1 7/8	1300	6 1/2	1 3/8	110CA05201S
6	1 7/8	1400	7 1/2	1 9/16	110CA06201S
8	2	1800	9 1/2	2 1/4	110CA08201S01
8	2	1800	10 1/8	2 1/4	110CA08201S

Standard Bearing: Roller (**01**).

V-Grooved Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VG					
4	2	800	5 5/8	1 3/16	110VG04201S
5	2	800	6 1/2	1 3/8	110VG05201S
6	2	1000	7 1/2	1 9/16	110VG06201S

Standard Bearing: Roller (**01**).

RUBBER MODELS

Performa Flat Tread on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
XS					
4	2	400	5 5/8	1 3/16	110XS04228S
5	2	500	6 1/2	1 3/8	110XS05228S
6	2	600	7 1/2	1 9/16	110XS06228S
8	2	675	9 1/2	2 1/4	110XS08228S01
8	2	675	10 1/8	2 1/4	110XS08228S

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

Performa Round Tread on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
XR					
6	2	450	7 1/2	1 9/16	110XR06228S
8	2	600	9 1/2	2 1/4	110XR08228S01
8	2	600	10 1/8	2 1/4	110XR08228S

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

110 Series Wheel Selection Hints

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

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

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

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

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

Polypropylene
- Most economical
- Lightweight
- High-temp options

470 Economical Kingpinless Casters

CAPACITY TO 3500

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

FEATURES

- **Kingpinless construction:** Eliminates kingpin failure, and better handles shock/impact
- **Top Plate:** ANSI ICWM:2012 tested for capacities up to 3,500 lbs.
- **Legs:** Legs welded inside and outside for strength (both swivel & rigids)
- **Axle:** 3/4" diameter
- **Raceway:** Heat treated

ACCESSORIES

Hand operated field Installable **Swivel Lock** order **SL4000000** separately

Face brake specify **FBB**
Example: 470PE08501SFBB

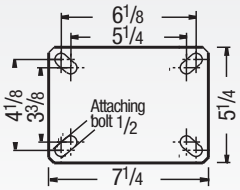
BEARING OPTIONS

Straight Roller (01) | Precision Ball (28)

Ideal for customers on the border of exceeding 2" wide capacities or safety factors, or where a premium 3" wide caster may be overkill for the application or budget – the 370 and 470 Series is your tested, heavy-duty solution.

MOUNTING OPTION

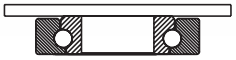
Standard Top Plate



TYPICAL APPLICATIONS

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

SWIVEL CROSS SECTION



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

METAL MODELS

Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
CA 6	3	2800	8	2 7/32	470CA06501S
8	3	2800	10 1/2	2 15/16	470CA08501S
10	3	2800	12 1/2	3 3/8	470CA10501S
12	3	2800	15 1/2	4 5/16	470CA12501S

Standard Bearing: Roller (**01**).

V-Groove Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VG 6	3	2500	8	2 7/32	470VG06501S
8	3	2500	10 1/2	2 15/16	470VG08501S
10	3	3500	12 1/2	3 3/8	470VG10501S

Standard Bearing: Roller (**01**).

POLYURETHANE MODELS

Yellow Polyurethane Tread on Heavy Duty Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PF 6	3	2900	8	2 7/32	470PF06528S
8	3	3500	10 1/2	2 15/16	470PF08528S
10	3	3500	12 1/2	3 3/8	470PF10528S
12	3	3500	15 1/2	4 5/16	470PF12528S

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

Green Economical Polyurethane Tread on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PE 6	3	2000	8	2 7/32	470PE06501S
8	3	2500	10 1/2	2 15/16	470PE08501S
10	3	3000	12 1/2	3 3/8	470PE10501S
12	3	3500	15 1/2	4 5/16	470PE12501S

Standard Bearing: Roller (**01**).

RUBBER MODELS

Moldon Rubber on Iron Core

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
MR 6	3	750	8	2 7/32	470MR06501S
8	3	900	10 1/2	2 15/16	470MR08501S
10	3	1000	12 1/2	3 3/8	470MR10501S
12	3	1200	15 1/2	4 5/16	470MR12501S

Standard Bearing: Roller (**01**).

PHENOLIC MODELS

Phenolic

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
TM 6	3	2000	8	2 7/32	470TM06501S
8	3	2500	10 1/2	2 15/16	470TM08501S
10	3	3000	12 1/2	3 3/8	470TM10501S
12	3	3500	15 1/2	4 5/16	470TM12501S

Standard Bearing: Roller (**01**).

370 Economical Kingpinless Casters

CAPACITY TO 3000

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

FEATURES

- **Kingpinless construction:** Eliminates kingpin failure, and better handles shock/impact
- **Top Plate:** ANSI ICWM:2012 tested for capacities up to 3,000 lbs.
- **Legs:** Legs welded inside and outside for strength (both swivel & rigids)
- **Axle:** 3/4" diameter
- **Raceway:** Heat treated

ACCESSORIES

Hand operated field Installable **Swivel Lock** order **SL3000000** separately

Face brake specify **FBB**
Example: 370PE08501SFBB

BEARING OPTIONS

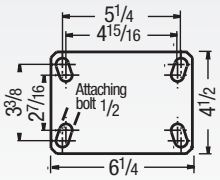
Straight Roller (01)

Precision Ball (28)

Ideal for customers on the border of exceeding 2" wide capacities or safety factors, or where a premium 3" wide caster may be overkill for the application or budget – the 370 and 470 Series is your tested, heavy-duty solution.

MOUNTING OPTION

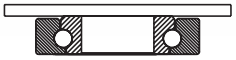
Standard Top Plate



TYPICAL APPLICATIONS

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

SWIVEL CROSS SECTION



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

POLYURETHANE MODELS

Yellow Polyurethane Tread on Heavy Duty Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PF					
6	3	2900	7 1/2	1 3/8	370PF06528S
8	3	3000	10 1/8	2 1/16	370PF08528S
10	3	3000	11 1/2	2 1/4	370PF10528S
12	3	3000	13 1/2	2 11/16	370PF12528S

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

Green Economical Polyurethane Tread on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PE					
6	3	2000	7 1/2	1 3/8	370PE06501S
8	3	2500	10 1/8	2 1/16	370PE08501S
10	3	3000	11 1/2	2 1/4	370PE10501S
12	3	3000	13 1/2	2 11/16	370PE12501S

Standard Bearing: Roller (**01**).

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

METAL MODELS

Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
CA					
6	3	2800	7 1/2	1 3/8	370CA06501S
8	3	2800	10 1/8	2 1/16	370CA08501S
10	3	2800	11 1/2	2 1/4	370CA10501S
12	3	2800	13 1/2	2 11/16	370CA12501S

Standard Bearing: Roller (**01**).

V-Groove Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VG					
6	3	2500	7 1/2	1 3/8	370VG06501S
8	3	2500	10 1/8	2 1/16	370VG08501S
10	3	3000	11 1/2	2 1/4	370VG10501S

Standard Bearing: Roller (**01**).

RUBBER MODELS

Moldon Rubber on Iron Core

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
MR					
6	3	750	7 1/2	1 3/8	370MR06501S
8	3	900	10 1/8	2 1/16	370MR08501S
10	3	1000	11 1/2	2 1/4	370MR10501S
12	3	1200	13 1/2	2 11/16	370MR12501S

Standard Bearing: Roller (**01**).

PHENOLIC MODELS

Phenolic

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
TM					
6	3	2000	7 1/2	1 3/8	370TM06501S
8	3	2500	10 1/8	2 1/16	370TM08501S
10	3	3000	11 1/2	2 1/4	370TM10501S
12	3	3000	13 1/2	2 11/16	370TM12501S

Standard Bearing: Roller (**01**).

170 Economical Kingpinless Casters

CAPACITY TO 1500

Economical | Ergonomic | Towing^

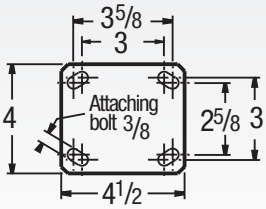
One year standard warranty. Ideal for economical applications where kingpin casters will not simply hold up to shock or impact. Also review our 110 Series for even higher load capacities and a 3-year warranty.

TYPICAL APPLICATIONS

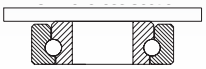
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION



FEATURES

- **Top Plate:** 1/4" AISI 1045 steel
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings are mounted in a precision machined 2-3/8" diameter raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, precision ball, and Oilex models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS

Straight Roller (01)

Precision Ball (28)

Pedestal Precision (29)

STAINLESS STEEL OPTION

See 120 Series

RIG OPTIONS

- **Optional swivel leads** of 3-1/2" for 8 x 2 with 9-1/2 or 10-1/8" overall heights casters. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.

ACCESSORIES

To order, add brake code below to end of model. Example: 170XS06201S**CB170**

Cam brake specify **CB170**

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

Face brake specify **FBK**

Swivel Lock Hand operated field installable swivel lock order **SL16000013A** separately

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

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

See wheel section for more information or ...

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

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
AX 4	2	800	5 5/8	1 3/16	170AX04228S
5	2	1000	6 1/2	1 3/8	170AX05228S
6	2	1250	7 1/2	1 9/16	170AX06228S
8	2	1500	9 1/2	2 1/4	170AX08228S01
8	2	1500	10 1/8	2 1/4	170AX08228S

85 Shore A
Learn more at right

Standard Bearing: Precision Ball (**28**) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
AN 4	2	800	5 5/8	1 3/16	170AN04228S
5	2	1000	6 1/2	1 3/8	170AN05228S
6	2	1250	7 1/2	1 9/16	170AN06228S
8	2	1500	9 1/2	2 1/4	170AN08228S01
8	2	1500	10 1/8	2 1/4	170AN08228S

85 Shore A
Learn more at right

Standard Bearing: Precision Ball (**28**) with new patent pending top hats.

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PM 5	2	1000	6 1/2	1 3/8	170PM05228S
6	2	1250	7 1/2	1 9/16	170PM06228S
8	2	1500	9 1/2	2 1/4	170PM08228S01
8	2	1500	10 1/8	2 1/4	170PM08228S

95 Shore A

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

Butterscotch Round Tread Polyurethane on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PM 80A 5	2	1000	6 1/2	1 3/8	170PM05228S80A
6	2	1250	7 1/2	1 9/16	170PM06228S80A
8	2	1500	9 1/2	2 1/4	170PM08228S0180A
8	2	1500	10 1/8	2 1/4	170PM08228S80A

80 Shore A

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

Yellow Polyurethane on Heavy Duty Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PF 6	2	1500	7 1/2	1 9/16	170PF06228S
8	2	1500	9 1/2	2 1/4	170PF08228S01
8	2	1500	10 1/8	2 1/4	170PF08228S

95 Shore A

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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Continue on next page >>

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

POLYURETHANE MODELS (CONTINUED)

Endura Solid Elastomer Polyurethane

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
SE 4	2	1000	5 5/8	1 3/16	170SE04228S
5	2	1000	6 1/2	1 3/8	170SE05228S
6	2	1200	7 1/2	1 9/16	170SE06228S
8	2	1200	9 1/2	2 1/4	170SE08228S01
8	2	1200	10 1/8	2 1/4	170SE08228S

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

Hi-Tech Antimicrobial Polyurethane on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
XA 4	2	720	5 5/8	1 3/16	170XA04201S
5	2	900	6 1/2	1 3/8	170XA05201S
6	2	1100	7 1/2	1 9/16	170XA06201S
8	2	1200	9 1/2	2 1/4	170XA08201S01
8	2	1200	10 1/8	2 1/4	170XA08201S

Standard Bearing: Roller (**01**).

Hi-Tech Polyurethane on Polypropylene (Maroon)

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
XM 4	2	720	5 5/8	1 3/16	170XM04201S
5	2	900	6 1/2	1 3/8	170XM05201S
6	2	1100	7 1/2	1 9/16	170XM06201S
8	2	1200	9 1/2	2 1/4	170XM08201S01
8	2	1200	10 1/8	2 1/4	170XM08201S

Standard Bearing: Roller (**01**).

NYLON MODELS

Maxim® Nylon Glass

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
NG 4	2	800	5 5/8	1 3/16	170NG04201S
5	2	1000	6 1/2	1 3/8	170NG05201S
6	2	1200	7 1/2	1 9/16	170NG06201S
8	2	1400	9 1/2	2 1/4	170NG08201S01
8	2	1400	10 1/8	2 1/4	170NG08201S

Standard Bearing: Roller (**01**).

METAL MODELS

Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
CA 4	2	1000	5 5/8	1 3/16	170CA04201S
5	2	1300	6 1/2	1 3/8	170CA05201S
6	2	1400	7 1/2	1 9/16	170CA06201S
8	2	1500	9 1/2	2 1/4	170CA08201S01
8	2	1500	10 1/8	2 1/4	170CA08201S

Standard Bearing: Roller (**01**).

V-Groove Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VG 4	2	800	5 5/8	1 3/16	170VG04201S
5	2	800	6 1/2	1 3/8	170VG05201S
6	2	1000	7 1/2	1 9/16	170VG06201S

Standard Bearing: Roller (**01**).

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

RUBBER MODELS

Performa Flat Tread on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
XS 4	2	400	5 5/8	1 3/16	170XS04201S
5	2	500	6 1/2	1 3/8	170XS05201S
6	2	600	7 1/2	1 9/16	170XS06201S
8	2	675	9 1/2	2 1/4	170XS08201S01
8	2	675	10 1/8	2 1/4	170XS08201S

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

Performa Round Tread on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
XR 6	2	450	7 1/2	1 9/16	170XR06201S
8	2	600	9 1/2	2 1/4	170XR08201S01
8	2	600	10 1/8	2 1/4	170XR08201S

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

Moldon Rubber on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
MR 4	2	300	5 5/8	1 3/16	170MR04201S
5	2	450	6 1/2	1 3/8	170MR05201S
6	2	500	7 1/2	1 9/16	170MR06201S
8	2	600	9 1/2	2 1/4	170MR08201S01
8	2	600	10 1/8	2 1/4	170MR08201S

Standard Bearing: Roller (**01**).

PNEUMATIC STYLE MODELS

Monoprene Semi-Pneumatic

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
SZ 6	2	250	7 1/2	1 9/16	170SZ06228S
8	2	280	9 1/2	2 1/4	170SZ08228S01
8	2	280	10 1/8	2 1/4	170SZ08228S

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

For grey tread specify "SV" wheel code (example 170**SV**05228S).

PHENOLIC MODELS

Phenolic

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
TM 4	2	800	5 5/8	1 3/16	170TM04201S
5	2	1000	6 1/2	1 3/8	170TM05201S
6	2	1200	7 1/2	1 9/16	170TM06201S
8	2	1400	9 1/2	2 1/4	170TM08201S01
8	2	1400	10 1/8	2 1/4	170TM08201S

Standard Bearing: Roller (**01**).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
RT 4	2	800	5 5/8	1 3/16	170RT04201S
5	2	1000	6 1/2	1 3/8	170RT05201S
6	2	1200	7 1/2	1 9/16	170RT06201S
8	2	1400	9 1/2	2 1/4	170RT08201S01
8	2	1400	10 1/8	2 1/4	170RT08201S

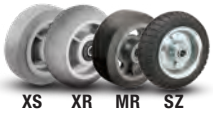
Standard Bearing: Roller (**01**).

170 Series Wheel Selection Hints

Polyurethane
- Excellent multi-purpose
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength

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

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



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

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

Polypropylene
- Most economical
- Lightweight
- High-temp options

STAINLESS STEEL CASTERS
CAPACITY RANGE 600-3000 LBS

330 Series **120 Series**

Kingpinless Polished Stainless Steel Casters

SS Stainless Steel

Common Applications:

- **Food Processing/ Manufacturing**
- **Food Service**
- **Pharmaceuticals**
- **Laboratory**
- **Clean Room**
- **Hospital**
- **Bakery Dough Troughs**
- **Marine**

STAINLESS STEEL

Stainless Steel Kingpinless Casters

330 Kingpinless **Page**
Capacity to 3000 ..... **41**

120 Series Kingpinless
Capacity to 1200 .....**42-43**

Albion offers the leading lineup of Stainless Kingpinless casters… handling even your toughest jobs.

KINGPINLESS STAINLESS STEEL CASTERS

- 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 40-43

330 Kingpinless Premium Stainless Steel

CAPACITY TO 3000

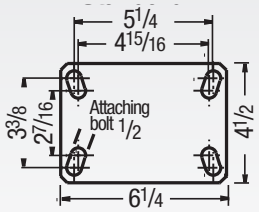
For your heaviest duty applications, the 330 Series features a thick precision machined premium grade 316 stainless swivel section and 304 stainless steel rig—both highly polished. Ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments, or any other corrosive agents which could cause rust.

TYPICAL APPLICATIONS

- Food Processing
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Hospital Waste Management
- Marine
- Dollies

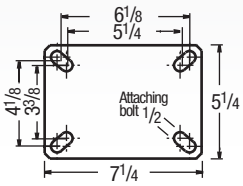
MOUNTING OPTIONS

Standard Plate

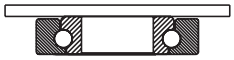


Special Order Plate

Optional (PATP)



SWIVEL CROSS SECTION



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

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

POLYURETHANE MODELS

Polyurethane on Aluminum (01 Stainless Steel Roller Bearing)*

PD	8	3	2520	10 1/8	2 1/16	330PD08501S
	10	3	3000	11 1/2	2 1/4	330PD10501S
	12	3	3000	13 1/2	2 11/16	330PD12501S

Standard Bearing: Roller (**01**).
Optional bearings: Stainless Steel Precision Ball (**28**); change **01** to **28**.

Stainless Steel | Premium Quality | Ergonomic | Environmentally Friendly (Consult factory) | Towing^

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. Zerk in swivel section
- **Yoke Base:** Notched 316 stainless steel
- **Legs:** 304 stainless steel welded inside and out
- **Axle:** 3/4" diameter
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

ACCESSORIES

To order, add brake code below to end of model. Example: 330PD08501**P**

Poly Cam Integrated Brake specify **P**

Hand operated field Installable **Swivel Lock** order **SL3300000** separately

BEARING OPTIONS

Stainless Steel Roller (01) | Stainless Precision Ball (28) | Stainless Pedestal Precision Ball (29)

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

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

NYLON MODELS

Trionix™ High Impact Polymer (28 Stainless Steel Precision Ball Bearing)

NX	6	3	3000	7 1/2	1 3/8	330NX06528S
	8	3	3000	10 1/8	2 1/16	330NX08528S
	10	3	3000	11 1/2	2 1/4	330NX10528S
	12	3	3000	13 1/2	2 11/16	330NX12528S

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

PHENOLIC MODELS

Heat Resistant Phenolic (01 Stainless Steel Roller Bearing)*

TR	6	3	1700	7 1/2	1 3/8	330TR06501S
	8	3	1900	10 1/8	2 1/16	330TR08501S
	10	3	2400	11 1/2	2 1/4	330TR10501S
	12	3	2600	13 1/2	2 11/16	330TR12501S

Standard Bearing: Roller (**01**).
Optional bearings: Stainless Steel Precision Ball (**28**); change **01** to **28**.

Laminated Phenolic (01 Stainless Steel Roller Bearing)*

TL	6	3	2800	7 1/2	1 3/8	330TL06501S
	8	3	3000	10 1/8	2 1/16	330TL08501S
	10	3	3000	11 1/2	2 1/4	330TL10501S
	12	3	3000	13 1/2	2 11/16	330TL12501S

Standard Bearing: Roller (**01**).
Optional bearings: Stainless Steel Precision Ball (**28**); change **01** to **28**.

Continue on next page >>

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

120 Kingpinless Stainless Steel

CAPACITY TO 1500

Stainless Steel · Premium Quality · Ergonomic · Environmentally Friendly (Consult factory) · Towing^

The 120 Series is constructed from 304 stainless steel and features a precision machined swivel section that is welded inside and outside to legs for maximum durability. The stainless construction is highly polished and ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments or any other corrosive agents that could cause rust.

FEATURES

- **Top Plate:** Swivel 5/16" 304 stainless steel and welded construction for longer life. 1/4" rigid top plate
- **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, and precision ball models)
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

RIG OPTIONS

- **Optional Overall height** of 10-1/8" available for 8" wheel diameter models; to specify, see caster charts below

ACCESSORIES

To order, add brake code below to end of model. Example: 120XS06201S**FBD**

Face specify **FBD**

Face specify **FBG**

Hand operated field Installable **Swivel Lock** order **SL1200000** separately

BEARING OPTIONS

Stainless Steel Roller (01)

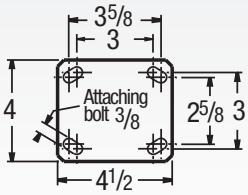
Stainless Precision Ball (28)

Stainless Pedestal Precision Ball (29)

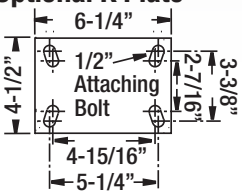
2-Piece Delrin with stainless steel spanner (51)

MOUNTING OPTIONS

Standard Plate



Optional K Plate

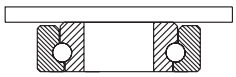


K plates available on 6" & 8" models only

TYPICAL APPLICATIONS

- Food Processing
- Bakery Dough Troughs
- Stainless Carts
- Pharmaceuticals
- Laboratory
- Hospital Waste Management
- Marine
- Dollies

SWIVEL CROSS SECTION



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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
AX 5	2	800	6 1/2	1 3/8	120AX05228S
6	2	1000	7 1/2	1 9/16	120AX06228S
8	2	1250	9 1/2	2 1/4	120AX08228S01
8	2	1500	10 1/8	2 1/4	120AX08228S

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

POLYURETHANE MODELS (CONTINUED)

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
AN 5	2	800	6 1/2	1 3/8	120AN05228S
6	2	1000	7 1/2	1 9/16	120AN06228S
8	2	1250	9 1/2	2 1/4	120AN08228S01
8	2	1500	10 1/8	2 1/4	120AN08228S

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

K Solid Polyurethane

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
KW 5	2	700	6 1/2	1 3/8	120KW05229S
6	2	1000	7 1/2	1 9/16	120KW06229S
8	2	1200	9 1/2	2 1/4	120KW08229S01
8	2	1500	10 1/8	2 1/4	120KW08229S

Standard Bearing: Precision Ball (**29**).

Green Polyurethane Crowned Tread on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PD 4	2	700	5 5/8	1 3/16	120PD04201S
5	2	1050	6 1/2	1 3/8	120PD05201S
6	2	1230	7 1/2	1 9/16	120PD06201S
8	2	1400	9 1/2	2 1/4	120PD08201S01
8	2	1400	10 1/8	2 1/4	120PD08201S

Standard Bearing: Roller (**01**).
Optional bearings: Delrin (**51**); change **01** to **51**.

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

POLYURETHANE MODELS (CONTINUED)

Hi-Tech Antimicrobial Polyurethane on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
4	2	720	5 5/8	1 3/16	120XA04201S
5	2	750	6 1/2	1 3/8	120XA05201S
6	2	900	7 1/2	1 9/16	120XA06201S
8	2	1100	9 1/2	2 1/4	120XA08201S01
8	2	1200	10 1/8	2 1/4	120XA08201S

Standard Bearing: Roller (**01**).
Optional bearings: Delrin (**51**); change **01** to **51**.

NYLON MODELS

Maxim® Glass Filled Nylon

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
4	2	800	5 5/8	1 3/16	120NG04201S
5	2	1000	6 1/2	1 3/8	120NG05201S
6	2	1200	7 1/2	1 9/16	120NG06201S
8	2	1200	9 1/2	2 1/4	120NG08201S01
8	2	1200	10 1/8	2 1/4	120NG08201S

Standard Bearing: Roller (**01**).
Optional bearings: Bronze (**22**), Annular Ball (**31**), Delrin (**51**) or Stainless Pedestal Precision Ball (**29**); change **01** above to optional bearing code.

High Temp Glass Filled Nylon

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
4	2	800	5 5/8	1 3/16	120HT04201S
5	2	1000	6 1/2	1 3/8	120HT05201S
6	2	1200	7 1/2	1 9/16	120HT06201S
8	2	1200	9 1/2	2 1/4	120HT08201S01
8	2	1200	10 1/8	2 1/4	120HT08201S

Standard Bearing: Roller (**01**).

White Nylon

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
4	2	900	5 5/8	1 3/16	120NW04201S
5	2	1000	6 1/2	1 3/8	120NW05201S
6	2	1200	7 1/2	1 9/16	120NW06201S
8	2	1200	9 1/2	2 1/4	120NW08201S01
8	2	1200	10 1/8	2 1/4	120NW08201S

Standard Bearing: Roller (**01**).
Optional bearings: Delrin (**51**) or Plain Bore (**00**); change **01** above to optional bearing code.

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

RUBBER MODELS

Performa Flat Tread on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
4	2	400	5 5/8	1 3/16	120XS04201S
5	2	500	6 1/2	1 3/8	120XS05201S
6	2	600	7 1/2	1 9/16	120XS06201S
8	2	675	9 1/2	2 1/4	120XS08201S01
8	2	675	10 1/8	2 1/4	120XS08201S

Standard Bearing: Roller (**01**).
Optional bearings: Delrin (**51**); change **01** to **51**.

Performa Round Tread on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	2	450	7 1/2	1 9/16	120XR06201S
8	2	600	9 1/2	2 1/4	120XR08201S01
8	2	600	10 1/8	2 1/4	120XR08201S

Standard Bearing: Roller (**01**).
Optional bearings: Delrin (**51**); change **01** to **51**.

POLYPROPYLENE MODELS

Glass Filled Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
4	2	800	5 5/8	1 3/16	120RT04201S
5	2	1000	6 1/2	1 3/8	120RT05201S
6	2	1200	7 1/2	1 9/16	120RT06201S
8	2	1200	9 1/2	2 1/4	120RT08201S01
8	2	1200	10 1/8	2 1/4	120RT08201S

Standard Bearing: Roller (**01**).

RETORT High Temp Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
4	2	500	5 5/8	1 3/16	120RW04241S
5	2	650	6 1/2	1 3/8	120RW05241S
6	2	700	7 1/2	1 9/16	120RW06241S
8	2	900	9 1/2	2 1/4	120RW08241S01
8	2	900	10 1/8	2 1/4	120RW08241S

Standard Bearing: Plain Bore (**41**).

120 Series Wheel Selection Hints

AX AN KW PD XA

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

NG HT NW

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

XS XR

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

RT RW

Polypropylene
- Most economical
- Lightweight
- High-temp options

HEAVY DUTY FORGED KINGPINLESS CASTERS

CAPACITY RANGE 10000-20000 LBS

600 Shockmaster Series
Heavy Duty Kingpinless Caster

Common Applications:

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

800 Shockmaster Series
Capacity to 20000 ..... **45**

700 Shockmaster Series
Capacity to 20000 .....**46-47**

600 Shockmaster Series
Capacity to 10000 .....**48-49**

KINGPINLESS

HEAVY DUTY FORGED KINGPINLESS

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

STAINLESS STEEL CASTERS

If your heavy duty casters are exposed to cleaning agents, steam, water, caustic solutions or other agents that cause rust, switch to Stainless Steel to extend your caster life **(pages 40-43)**.

KINGPINLESS SPRING LOADED CASTERS

If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and noise levels, see the Spring Loaded Section **(pages 84-89)**.

800 Shockmaster Kingpinless Dual Wheel Casters

CAPACITY TO 20000

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. 850 Series are equally at home in many other extremely abusive and rugged applications.

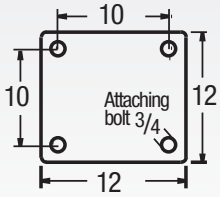
TYPICAL APPLICATIONS

- Custom applications
- Towable transportation equipment
- Aircraft wing jacks and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

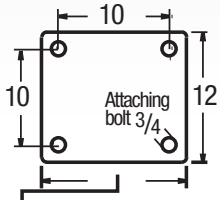
SWIVEL CROSS SECTION

MOUNTING OPTION

Swivel Top Plate



Rigid Top Plate



- **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

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

Tapered Roller (09)

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY850**
- Spring-loaded models available, consult factory. Single models available also

ACCESSORIES

Poly Cam Integrated Brake specify **P**

PLB Integrated brake specify **PLB**

Face Contact brake specify **F**

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

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Swivel Caster Number Bearing (09)
850 Shockmaster Kingpinless Dual Wheel						
6	3	17000	9 1/2	3 1/4	HD Drop Forged	800FH06509S
10	4	20000	14 3/4	3 1/4	HD Drop Forged	800FH10709S
12	4	4800	15 3/4	3 1/4	Polyurethane/Iron Core	800PY12709S
12	4	5280	15 3/4	3 1/4	Thick Tread Polyurethane	800PX12709S
12	5	6600	15 3/4	3 1/4	Thick Tread Polyurethane	800PX12809S
12	6	7500	15 3/4	3 1/4	Polyurethane/Aluminum	800PA12909S
16	5	7700	19 3/4	4 1/2	Polyurethane/Iron Core	800PY16809S
18	5	8400	22	5 1/4	Polyurethane/Iron Core	800PY18809S

850 dual wheel version also available

See page 77.

WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!

700 Shockmaster™ Kingpinless Casters

CAPACITY TO 20000

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

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

FEATURES

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

RIG OPTIONS

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

ACCESSORIES

To order, add brake code below to end of model. Example: 700PY08709S**P**

Poly Cam brake specify **P**

PLB Integrated brake specify **PLB**

Face Contact brake specify **F**

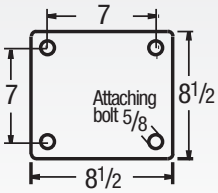
Hand operated field Installable **Swivel Lock** order **SL7000000** separately with notched yoke option NY700; for optional plates consult factory

BEARING OPTIONS

Tapered Roller (09)

MOUNTING OPTION

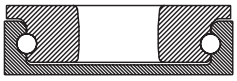
Standard Top Plate



TYPICAL APPLICATIONS

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

SWIVEL CROSS SECTION



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

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

POLYURETHANE MODELS

Polyurethane on Cast Iron

PY					
8	4	3800	11	2 1/4	700PY08709S
10	4	4200	13	2 1/2	700PY10709S
10	5	5000	13	2 1/2	700PY10809S
12	4	4800	15 1/2	3 1/4	700PY12709S
12	5	6000	15 1/2	3 1/4	700PY12809S
16	4	5970	19	4 1/2	700PY16709S
16	5	7700	19	4 1/2	700PY16809S

Standard Bearing: Tapered Roller (**09**).

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

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

POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Cast Iron

PX					
8	4	3850	11	2 1/4	700PX08709S
10	4	4620	13	2 1/2	700PX10709S
10	5	5500	13	2 1/2	700PX10809S
12	4	5820	15 1/2	3 1/4	700PX12709S
12	5	6600	15 1/2	3 1/4	700PX12809S
16	4	6570	19	4 1/2	700PX16709S
16	5	8470	19	4 1/2	700PX16809S

Standard Bearing: Tapered Roller (**09**).

750 dual wheel version also available

See page 78.

Continue on next page >>

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

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

METAL MODELS

Drop Forged Steel

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
FS	8	4	10000	11	2 1/4	700FS08709S
	10	4	10000	13	2 1/2	700FS10709S

Standard Bearing: Tapered Roller (09).

Heavy Duty Drop Forged Steel

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
FH	8	4	20000	11	2 1/4	700FH08709S
	10	4	20000	13	2 1/2	700FH10709S

Standard Bearing: Tapered Roller (09).

Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
CA	8	4	4000	11	2 1/4	700CA08709S
	10	4	4000	13	2 1/2	700CA10709S

Standard Bearing: Tapered Roller (09).

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

METAL MODELS (CONTINUED)

V-Grooved HD Drop Forged

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VH	8	4	15000	11	2 1/4	700VH08709S
	10	4	15000	13	2 1/2	700VH10709S

Standard Bearing: Tapered Roller (09).

V-Grooved Drop Forged

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
VF	8	4	10000	11	2 1/4	700VF08709S
	10	4	8350	13	2 1/2	700VF10709S

Standard Bearing: Tapered Roller (09).

Selecting The Right Heavy Duty Wheel For Your Application

PY PX

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater cpacity

FS/FH FR CA VF/VH VG VM

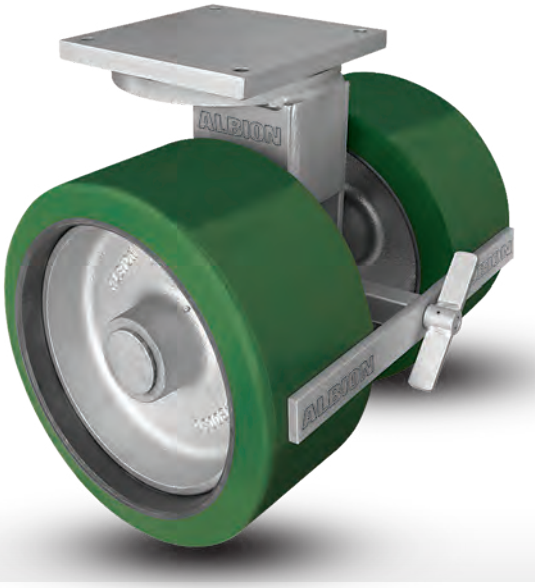
- Highest load capacities
- Handles the most abuse
- Impact resistant
- Resistant to hot and cold temperatures

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

Air Cargo Section: see pages 100-102

Spring Loaded Section: see pages 84-94

Dual Wheel Section: see pages 71-83



600 Shockmaster™ Kingpinless Casters

CAPACITY TO 10000

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

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

FEATURES

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

RIG OPTIONS

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

ACCESSORIES

To order, add brake code below to end of model. Example: 600PY08509S**P**

Poly Cam brake specify **P**

PLB Integrated brake specify **PLB**

Face Contact brake specify **F**

Hand operated field Installable **Swivel Lock** order **SL6000000** separately with notched yoke option NY600; for optional plates consult factory

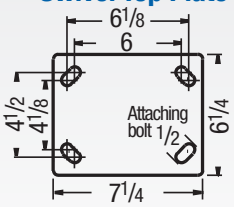
BEARING OPTIONS

Tapered Roller (09)

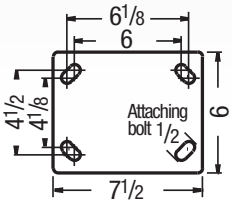
Precision Ball (28)

MOUNTING OPTIONS

Swivel Top Plate



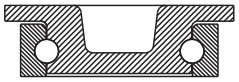
Rigid Top Plate



TYPICAL APPLICATIONS

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

SWIVEL CROSS SECTION



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

POLYURETHANE MODELS

Polyurethane on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PY 6	3	2200	8 1/2	2 1/2	600PY06509S
8	3	2600	10 1/2	2 1/2	600PY08509S
8	4	3800	10 1/2	2 1/2	600PY08709S
10	3	3100	12 1/2	2 1/2	600PY10509S
10	4	4200	12 1/2	2 1/2	600PY10709S
12	3	3600	15 1/2	2 1/2	600PY12509S
12	4	4800	15 1/2	2 1/2	600PY12709S

Standard Bearing: Tapered Roller (**09**).

Thick Tread Polyurethane on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
PX 6	3	2450	8 1/2	2 1/2	600PX06509S
8	3	3500	10 1/2	2 1/2	600PX08509S
8	4	3850	10 1/2	2 1/2	600PX08709S
10	3	3700	12 1/2	2 1/2	600PX10509S
10	4	4620	12 1/2	2 1/2	600PX10709S
12	3	4100	15 1/2	2 1/2	600PX12509S
12	4	5280	15 1/2	2 1/2	600PX12709S

Standard Bearing: Tapered Roller (**09**).

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

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

NYLON MODELS

Trionix™ High Impact Polymer

NX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	7200	8 1/2	2 1/2	**600NX06528S**
8	3	7200	10 1/2	2 1/2	**600NX08528S**
10	3	7200	12 1/2	2 1/2	**600NX10528S**
12	3	7200	15 1/2	2 1/2	**600NX12528S**

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

METAL MODELS

Drop Forged Steel

FS

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	10000	8 1/2	2 1/2	**600FS06509S**
8	3	5500	10 1/2	2 1/2	**600FS08509S**
10	3	6000	12 1/2	2 1/2	**600FS10509S**
10	4	10000	12 1/2	2 1/2	**600FS10709S**

Standard Bearing: Tapered Roller (**09**).

Heavy Duty Drop Forged Steel

FH

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
8	3	10000	10 1/2	2 1/2	**600FH08509S**
10	3	10000	12 1/2	2 1/2	**600FH10509S**

Standard Bearing: Tapered Roller (**09**).

Crowned Tread Ductile Iron

FR, VM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	6000	8 1/2	2 1/2	**600FR06509S**
8	3	6000	10 1/2	2 1/2	**600FR08509S**
10	3	6000	12 1/2	2 1/2	**600FR10509S**

Standard Bearing: Tapered Roller (**09**).

Ductile Iron Flat Tread V-Groove (**VM**) models available.
Change **FR** wheel code to **VM.** Example: 600**VM**08501S.

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

METAL MODELS (CONTINUED)

Cast Iron

CA

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	2800	8 1/2	2 1/2	**600CA06509S**
8	3	2800	10 1/2	2 1/2	**600CA08509S**
8	4	4000	10 1/2	2 1/2	**600CA08709S**
10	3	2800	12 1/2	2 1/2	**600CA10509S**
10	4	4000	12 1/2	2 1/2	**600CA10709S**
12	3	2800	15 1/2	2 1/2	**600CA12509S**

Standard Bearing: Tapered Roller (**09**).

Drop Forged V-Grooved

VF

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	3	10000	8 1/2	2 1/2	**600VF06509S**
8	3	10000	10 1/2	2 1/2	**600VF08509S**
8	4	10000	10 1/2	2 1/2	**600VF08709S**
10	3	10000	12 1/2	2 1/2	**600VF10709S**

Standard Bearing: Tapered Roller (**09**).

Selecting The Right Heavy Duty Wheel For Your Application

PY PX

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering
- PX features thicker tread for greater cpacity

NX

- High capacity and impact strength
- Best steel wheel replacement for added floor protection

FS/FH FR CA VF VG VM

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

HEAVY DUTY KINGPIN CASTERS
CAPACITY RANGE 250-17000 LBS

95 Series
Super Duty Casters

Common Applications:

- Dollies
- Waste Disposal Trucks
- Shop Carts
- Floor Trucks
- Warehouse Trucks
- Distribution Cages and Carts

95 Series TRL/BBL — Page
Capacity to 17000 .....**52-53**

94 Series TRL/BBL
Capacity to 10000 .....**54-57**

90 Series Heavy Duty
Capacity to 3500 .....**58-59**

81 Series
Capacity to 2000 .....**60-61**

72 Series — Page
Capacity to 1600 .....**63-63**

71 Series
Capacity to 1500 .....**64-65**

62 Series
Capacity to 1500 .....**66-67**

16 Series
Capacity to 1250 .....**68-70**

Made in the USA

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

ERGONOMIC CASTERS

If you need the smoothest operation available in medium heavy duty casters see the Maintenance-Free Section **(pages 19-25)**.

LONGER LASTING KINGPINLESS

If you need casters that will be impacted or shock-loaded ... or casters more suited for power-towed applications see the Heavy Duty Kingpinless Section **(pages 26-39)**.

STAINLESS STEEL CASTERS

If you need casters where frequent washdowns are necessary, or if your casters may be exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust or corrosion see the Stainless Steel Section **(pages 40-43)**.

SPRING LOADED CASTERS

If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and reduced noise levels, see the Spring Loaded Section **(pages 84-94)**.

A LEADER IN USA MADE CASTERS & ENGINEERED SOLUTIONS.

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

ALBION 3 YEAR WARRANTY

Designed and Made in the USA.

Medium Heavy Duty

16 SERIES with **XR WHEEL – Page 70**

Ergonomic Precision

38 SERIES with **CG-MAX AN WHEEL –Page 21**

Heavy Duty Kingpinless

310 PLB BRAKE with **THICK TREAD PX WHEEL – Page 32**

Just look for this USA badge!

Made in the USA

95 TRL Super Duty Casters (Tapered Thrust Swivel Section)

CAPACITY TO 17000

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

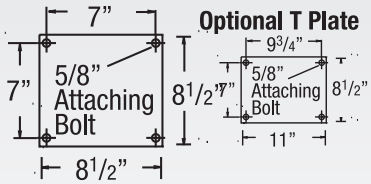
This popular caster series has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL"). Rigs are precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

TYPICAL APPLICATIONS

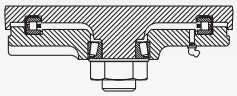
- Die carts
- Towed trailers
- Automotive plants

MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION



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

Tapered Roller (09)

Precision Ball (28)

RIG OPTIONS

- **Sealed swivel** thrust bearing is sealed, upper raceway is not sealed. Consult factory if a upper seal is required. **NS95**

ACCESSORIES

To order, add brake code below to end of model. Example: 95PY08709STRL**P**

Poly Cam specify **P**

Face Contact specify **F**

Welded **Swivel Lock** specify **L**

Hand operated field Installable **Swivel Lock** order **SL954600** separately (Yokes must be notched)

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

METAL MODELS

Drop Forged Steel

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

Standard Bearing: Roller (**01**) or Tapered Roller (**09**).

Large Bore Drop Forged Steel

FH	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

Standard Bearing: Tapered Roller (**09**).

Large Bore V-Groove Drop Forged Steel

VH	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

Standard Bearing: Tapered Roller (**09**).

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

PY	8	4	3800	11	2 1/4	63	95PY08709STRL
	10	4	4200	13	2 1/2	71	95PY10709STRL
	10	5	5000	13	2 1/2	82	95PY10809STRL
	12	4	4800	15 1/2	2 1/2	76 1/4	95PY12709STRL
	12	5	6000	15 1/2	2 1/2	90	95PY12809STRL
	16	4	5970	19	3	111 1/2	95PY16709STRL
	16	5	7700	19	3	126 1/4	95PY16809STRL

Standard Bearing: Tapered Roller (**09**).

Thick Tread Polyurethane on Iron

PX	8	4	3850	11	2 1/4	63	95PX08709STRL
	10	4	4620	13	2 1/2	71	95PX10709STRL
	12	4	5280	15 1/2	2 1/2	76 1/4	95PX12709STRL
	12	5	6600	15 1/2	2 1/2	90	95PX12809STRL
	16	4	6570	19	3	111 1/2	95PX16709STRL
	16	5	8000	19	3	126 1/4	95PX16809STRL

Standard Bearing: Tapered Roller (**09**).

NYLON MODELS

Trionix™ High Impact Polymer

NX	6	3	7200	9	2 1/4	37 1/4	95NX06528STRL
	8	3	7200	11	2 1/4	41	95NX08528STRL
	10	3	7200	13	2 1/2	45 1/2	95NX10528STRL

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

PHENOLIC MODELS

Phenolic

TM	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

Standard Bearing: Tapered Roller (**09**).

*2 wheels bolted together.

Laminated Phenolic

TL	6	5	10000	9	2 1/4	46	95TL06809STRL
	8	6*	8000	11	2 1/2	54	95TL08909STRL
	10	6*	8000	13	2 1/2	61 1/4	95TL10909STRL
	16	4	10000	19	3	79 3/4	95TL16709STRL

Standard Bearing: Tapered Roller (**09**)

*2 wheels bolted together.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

95 BBL Super Duty Casters (Ball Load Swivel)

CAPACITY TO 8000

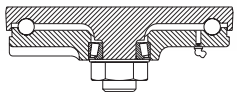
Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

This popular caster series 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

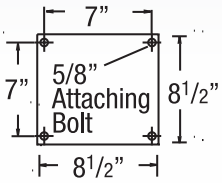
- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

SWIVEL CROSS SECTION



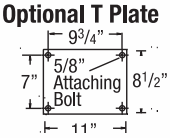
MOUNTING OPTIONS

Standard Plate



Special Order Plate

Optional T Plate



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

Tapered Roller (09) | Precision Ball (28)

ACCESSORIES

To order, add brake code below to end of model. Example: 95PY10709SBBL**P**

Poly Cam specify **P**

Face Contact specify **F**

Welded **Swivel Lock** specify **L**

Hand operated field Installable **Swivel Lock** order **SL954600** separately (Yokes must be notched)

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

PY

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
10	4	4200	13	2 1/2	71	95PY10709SBBL
10	5	5000	13	2 1/2	82	95PY10809SBBL
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

Standard Bearing: Tapered Roller (**09**).

Thick Tread Polyurethane on Iron

PX

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	3850	11	2 1/4	63	95PX08709SBBL
10	4	4620	13	2 1/2	71	95PX10709SBBL
12	4	5280	15 1/2	2 1/2	76 1/4	95PX12709SBBL
12	5	6600	15 1/2	2 1/2	90	95PX12809SBBL
16	4	6570	19	3	111 1/2	95PX16709SBBL
16	5	8470	19	3	126 1/4	95PX16809SBBL

Standard Bearing: Tapered Roller (**09**).

NYLON MODELS

Trionix™ High Impact Polymer

NX

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	7200	9	2 1/4	37 1/4	95NX06528SBBL
8	3	7200	11	2 1/4	41	95NX08528SBBL
10	3	7200	13	2 1/2	45 1/2	95NX10528SBBL

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

METAL MODELS

Drop Forged Steel

FS

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	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	5000	13	2 1/2	78 1/2	95FS10501SBBL
10	4	8000	13	2 1/2	86 1/4	95FS10701SBBL
10	4	8000	13	2 1/2	86 1/2	95FS10709SBBL

Standard Bearing: Roller (**01**) or Tapered Roller (**09**).

Phenolic

TM

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

Standard Bearing: Tapered Roller (**09**).

*2 wheels bolted together.

Laminated Phenolic

TL

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	95TL06809SBBL
8	6*	5000	11	2 1/2	54	95TL08909SBBL
10	6*	5800	13	2 1/2	61 1/4	95TL10909SBBL
16	4	8000	19	3	79 3/4	95TL16709SBBL

Standard Bearing: Tapered Roller (**09**).

*2 wheels bolted together.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

94 TRL Super Duty Casters (Tapered Thrust Swivel Section)

CAPACITY TO 10000

Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

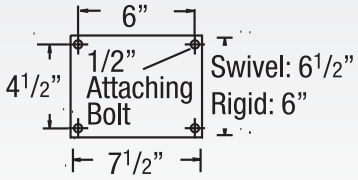
This caster has a precision roller bearing load and thrust swivel section (thrust swivel section = "TRL") and is precision machined to provide long life with greater capacity for that very rugged application. Made from AISI 1045 drop forged steel.

TYPICAL APPLICATIONS

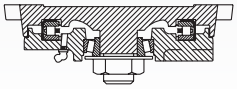
- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance
- Gantries

MOUNTING OPTIONS

Standard 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

ACCESSORIES

To order, add brake code below to end of model. Example: 94PY06509STRL**P**

Poly Cam specify **P**

Face Contact brake specify **F**

Welded **Swivel Lock** specify **L**

Hand operated field installable **swivel lock** order **SL940000** separately (Yokes must be notched)

BEARING OPTIONS

Tapered Roller (09)

Precision Ball (28)

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base 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 MODELS

Green Polyurethane on Cast Iron

PY/PY 80A

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	2200	8 1/2	2 1/2	37 1/4	94PY06509STRL
8	3	2600	10 1/2	2 1/2	41	94PY08509STRL
8	4	3800	10 1/2	2 1/2	48	94PY08709STRL
10	3	3100	12 1/2	2 1/2	45 1/2	94PY10509STRL
10	4	4200	12 1/2	2 1/2	55	94PY10709STRL
12	4	4800	15 1/2	2 1/2	60	94PY12709STRL

Standard Bearing: Tapered Roller (**09**).
Consult PY section for optional durometers/capacities.

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base 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 MODELS CONTINUED

Thick Tread Polyurethane on Iron

PX

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	2450	8 1/2	2 1/2	37 1/4	94PX06509STRL
8	3	3500	10 1/2	2 1/2	41 1/2	94PX08509STRL
8	4	3850	10 1/2	2 1/2	48	94PX08709STRL
10	3	3700	12 1/2	2 1/2	46	94PX10509STRL
10	4	4620	12 1/2	2 1/2	55	94PX10709STRL
12	4	5280	15 1/2	2 1/2	60	94PX12709STRL

Standard Bearing: Tapered Roller (**09**).

Continue on next page >>

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

94 TRL Series Continued

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

POLYURETHANE MODELS

Green Polyurethane Crowned Tread on Aluminum

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
PD	8	3	2520	10 1/2	2 1/2	41	94PD08509STRL
	10	3	3000	12 1/2	2 1/2	45 1/2	94PD10509STRL
	12	3	3500	15 1/2	2 1/2	48	94PD12509STRL

*Roller (01) bearings available.
Change "09" to other bearing code. Roller example: 94PD085**01**STRL.

NYLON MODELS

Trionix™ High Impact Polymer

NX	6	3	7200	8 1/2	2 1/2	37 1/4	94NX06528STRL
	8	3	7200	10 1/2	2 1/2	41	94NX08528STRL
	10	3	7200	12 1/2	2 1/2	45 1/2	94NX10528STRL
	12	3	7200	15 1/2	2 1/2	48	94NX12528STRL

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

METAL MODELS

Drop Forged Steel

FS	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	6000	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

Standard Bearing: Tapered Roller (**09**) or Stright Roller (**01**).

Crowned Tread Ductile Iron

FR	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

Standard Bearing: Tapered Roller (**09**).
Optional bearing: Precision Ball (**28**);
change **09** above to optional bearing code.

Cast Iron

CA	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	15 1/2	2 1/2	49 1/2	94CA12509STRL

Standard Bearing: Tapered Roller (**09**).

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

METAL MODELS (CONTINUED)

V-Grooved Drop Forged Steel

VF	6	3	6000	8 1/2	2 1/2	45	94VF06501STRL
	6	3	10000	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

Standard Bearing: Tapered Roller (**09**) or Stright Roller (**01**).

Ductile Iron V-Groove Tread

VM	6	3	6000	8 1/2	2 1/2	35	94VM06509STRL
	8	3	6000	10 1/2	2 1/2	41	94VM08509STRL
	10	3	6000	12 1/2	2 1/2	46	94VM10509STRL

Standard Bearing: Tapered Roller (**09**).
Optional bearing: Precision Ball (**28**);
change **09** above to optional bearing code.

V-Grooved Cast Iron

VL	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

Standard Bearing: Tapered Roller (**09**).

RUBBER MODELS

Moldon Rubber on Cast Iron

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	4	1600	15 1/2	2 1/2	63 1/4	94MR12709STRL

Standard Bearing: Tapered Roller (**09**).

PHENOLIC MODELS

Phenolic

TM	8	3	2500	10 1/2	2 1/2	38	94TM08509STRL
	10	3	2900	12 1/2	2 1/2	49	94TM10509STRL
	12	4	8000	15 1/2	2 1/2	52 1/4	94TM12709STRL

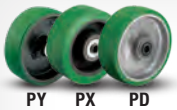
Standard Bearing: Tapered Roller (**09**).

Laminated Phenolic

TL	6	3	2500	8 1/2	2 1/2	29 1/2	94TL06509STRL
	8	3	3125	10 1/2	2 1/2	32 1/4	94TL08509STRL
	10	3	3625	12 1/2	2 1/2	46	94TL10509STRL

Standard Bearing: Tapered Roller (**09**).

94TRL Series Wheel Selection Hints



PY PX PD

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

NX

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

FS FR CA VF VM VL

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

MR

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

TM TM

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

94 BBL Super Duty Casters (Ball Load Swivel)

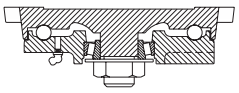
CAPACITY TO 5000

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

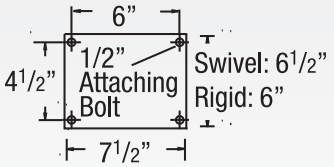
- Die carts
- Towed trailers
- Automotive plants
- Aerospace industry
- Work stations
- Steel mills
- Aircraft maintenance

SWIVEL CROSS SECTION



MOUNTING OPTIONS

Standard Plate



Premium Quality | Towing^ | Environmentally Friendly (Consult factory)

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

ACCESSORIES

To order, add brake code below to end of model. Example: 94PY06509SBBL**P**

Poly Cam brake specify **P**

Face Contact brake specify **F**

Welded **Swivel Lock** specify **L**

Hand operated field installable **swivel lock** order **SL940000** separately (Yokes must be notched)

BEARING OPTIONS

Tapered Roller (09)

Precision Ball (28)

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base 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 MODELS

Green Polyurethane on Cast Iron

PY/PY 80A

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number+
6	3	2200	8 1/2	2 1/2	37 1/4	94PY06509SBBL
8	3	2600	10 1/2	2 1/2	41	94PY08509SBBL
8	4	3800	10 1/2	2 1/2	48	94PY08709SBBL
10	3	3100	12 1/2	2 1/2	45 1/2	94PY10509SBBL
10	4	4200	12 1/2	2 1/2	55	94PY10709SBBL
12	4	4800	15 1/2	2 1/2	60	94PY12709SBBL

Standard Bearing: Tapered Roller (**09**).

Consult PY section for optional durometers/capacities

POLYURETHANE MODELS (CONTINUED)

Thick Tread Polyurethane on Iron

PX

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number+
6	3	2450	8 1/2	2 1/2	37 1/4	94PX06509SBBL
8	3	3500	10 1/2	2 1/2	41 1/2	94PX08509SBBL
8	4	3850	10 1/2	2 1/2	48	94PX08709SBBL
10	3	3700	12 1/2	2 1/2	46	94PX10509SBBL
10	4	4620	12 1/2	2 1/2	55	94PX10709SBBL
12	3	4100	15 1/2	2 1/2	60	94PX12509SBBL
12	4	5000	15 1/2	2 1/2	60	94PX12709SBBL

Standard Bearing: Tapered Roller (**09**).

Green Polyurethane Crowned Tread on Aluminum

PD

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Approx. Wt.	Caster Number+
8	3	2520	10 1/2	2 1/2	37	94PD08509SBBL
10	3	3500	12 1/2	2 1/2	39 1/2	94PD10509SBBL
12	3	3500	15 1/2	2 1/2	42 1/2	94PD12509SBBL

Standard Bearing: Tapered Roller (**09**).

Continue on next page >>

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Base Swivel Caster Number In Chart

Rigid models add "R" at end of base caster number.

NYLON MODELS

Trionix™ High Impact Polymer

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
NX 6	3	5000	8 1/2	2 1/2	37 1/4	94NX06528SBBL
8	3	5000	10 1/2	2 1/2	41	94NX08528SBBL
10	3	5000	12 1/2	2 1/2	45 1/2	94NX10528SBBL
12	3	5000	15 1/2	2 1/2	48 1/2	94NX12528SBBL

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

METAL MODELS

Drop Forged Steel

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
FS 6	3	5000	8 1/2	2 1/2	45	94FS06509SBBL
8	3	4500	10 1/2	2 1/2	44	94FS08509SBBL
8	4	5000	10 1/2	2 1/2	47	94FS08709SBBL
10	3	5000	12 1/2	2 1/2	53 3/4	94FS10509SBBL
10	4	5000	12 1/2	2 1/2	73 1/2	94FS10709SBBL

Standard Bearing: Tapered Roller (**09**).

Crowned Tread Ductile Iron

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

Standard Bearing: Tapered Roller (**09**).
Optional bearing: Precision Ball (**28**); change **09** above to optional bearing code.

METAL MODELS (CONTINUED)

Cast Iron

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

Standard Bearing: Tapered Roller (**09**).

Ductile Iron V-Groove Tread

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
VM 6	3	5000	8 1/2	2 1/2	35	94VM06509SBBL
8	3	5000	10 1/2	2 1/2	41	94VM08509SBBL
10	3	5000	12 1/2	2 1/2	46	94VM10509SBBL

Standard Bearing: Tapered Roller (**09**).
Optional bearing: Precision Ball (**28**); change **09** above to optional bearing code.

RUBBER MODELS

Moldon Rubber on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
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	4	1600	15 1/2	2 1/2	63 1/4	94MR12709SBBL

Standard Bearing: Tapered Roller (**09**).

PHENOLIC MODELS

Phenolic

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Caster Number+
TM 8	3	2500	10 1/2	2 1/2	38	94TM08509SBBL
10	3	2900	12 1/2	2 1/2	49	94TM10509SBBL
12	4	5000	15 1/2	2 1/2		94TM12709SBBL

Standard Bearing: Tapered Roller (**09**).

Laminated Phenolic

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

Standard Bearing: Tapered Roller (**09**).

94BBL Series Wheel Selection Hints

PY PX PD

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

NX

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

FS FR CA VM

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

MR

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

TM TM

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

90 Heavy Duty Casters

CAPACITY TO 3500

Premium Quality

Environmentally Friendly (Consult factory)

Our popular 90 Series is made from AISI 1045 drop forged steel and is highly recommended for rugged heavy duty applications.

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

ACCESSORIES

To order, add brake code below to end of model. Example: 90PY06501S**P**

Poly Cam brake specify **P**

Single Side brake specify **SSB81**. **Double Sided** specify **DSB81**

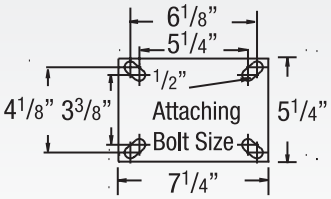
Face brake specify **FBB**

Welded **Swivel Lock** specify **L**

Hand operated field installable **swivel lock** order **SL900000** separately (Yokes must be notched)

MOUNTING OPTIONS

Standard Plate



BEARING OPTIONS

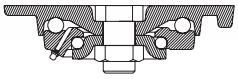
Straight Roller (01)

Precision Ball (28)

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



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

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PY 5	3	1500	7	2 1/2	23	90PY05501S
6	3	2200	8	2 1/4	26 3/4	90PY06501S
8	3	2600	10 1/2	2 1/2	31	90PY08501S
10	3	3100	12 1/2	2 1/2	35 3/4	90PY10501S
12	3	3500	15 1/2	2 1/2	44 1/4	90PY12501S

Standard Bearing: Roller (**01**)

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

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PF 6	3	2900	8	2 1/4	26 3/4	90PF06528S
8	3	3500	10 1/2	2 1/2	31	90PF08528S
10	3	3500	12 1/2	2 1/2	35 3/4	90PF10528S
12	3	3500	15 1/2	2 1/2	44 1/4	90PF12528S

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

Green Polyurethane Crowned Tread on Aluminum

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PA/PD 4	4	1600	6	2	20 1/2	90PA04701S*
8	3	2520	10 1/2	2 1/2	22 1/2	90PD08501S
10	3	3500	12 1/2	2 1/2	25	90PD10501S
12	3	3500	12 1/2	2 1/2	25	90PD12501S

Standard Bearing: Roller (**01**).
*1" solid axle.

Continue on next page >>

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

POLYURETHANE MODELS CONTINUED)

Economical Polyurethane on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PE						
8	3	2500	10 1/2	2 1/2	31	90PE08501S
10	3	3000	12 1/2	2 1/2	35 3/4	90PE10501S
12	3	3500	15 1/2	2 1/2	44 1/4	90PE12501S

Standard Bearing: Roller (**01**).

NYLON MODELS

Trionix™ High Impact Polymer

NX						
6	3	3500	8	2 1/4	21 1/2	90NX06528S
8	3	3500	10 1/2	2 1/2	24 1/2	90NX08528S
10	3	3500	12 1/2	2 1/2	28	90NX10528S
12	3	3500	15 1/2	2 1/2	29 1/4	90NX12528S

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

METAL MODELS

Forged Steel

FS						
8	3	3500	10 1/2	2 1/2	33 1/4	90FS08501S
10	3	3500	12 1/2	2 1/2	43 1/4	90FS10501S

Standard Bearing: Roller (**01**).

Crowned Tread Ductile Iron

FR						
6	3	3500	8	2 1/4	26	90FR06501S
8	3	3500	10 1/2	2 1/2	26 3/4	90FR08501S
10	3	3500	12 1/2	2 1/2	32 1/2	90FR10501S

Standard Bearing: Roller (**01**).
Optional bearings: Tapered Roller (**09**) or Precision Ball (**28**); change **01** above to optional bearing code.

Cast Iron

CA						
3 1/4	4	2000	5 5/8	2	21	90CA03701S
4	3	2000	6	2	21 3/4	90CA04501S
4	4	3500	6	2	27 1/4	90CA04701S
6	3	2800	8	2 1/4	26	90CA06501S
8	3	2800	10 1/2	2 1/2	26 3/4	90CA08501S
10	3	2800	12 1/2	2 1/2	32 1/2	90CA10501S
12	3	2800	15 1/2	2 1/2	38 1/2	90CA12501S

Standard Bearing: Roller (**01**) or Tapered Roller (**09**).

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

METAL MODELS (CONTINUED)

V-Groove Cast Iron

VG						
8	3	2500	10 1/2	2 1/2	31 1/4	90VG08501S
10	3	3000	12 1/2	2 1/2	42 1/2	90VG10501S

Standard Bearing: Roller (**01**).

Ductile Iron V-Groove Tread

VM						
8	3	3500	10 1/2	2 1/2	26 3/4	90VM08501S
10	3	3500	12 1/2	2 1/2	32 1/2	90VM10501S

Standard Bearing: Roller (**01**).
Optional bearings: Tapered Roller (**09**) or Precision Ball (**28**); change **01** above to optional bearing code.

RUBBER MODELS

Moldon Rubber on Cast Iron

MR						
6	3	750	8	2 1/4	23 3/4	90MR06501S
8	3	900	10 1/2	2 1/2	27 1/4	90MR08501S
10	3	1000	12 1/2	2 1/2	30 1/2	90MR10501S
10	4[1]	1400	12 1/2	2 1/2	44 1/2	90MR10701S
12	3	1200	15 1/2	2 1/2	36 1/4	90MR12501S

Standard Bearing: Roller (**01**).
[1]10 x 4 model has solid axle; all others hollow axle.

PHENOLIC MODELS

Phenolic

TM						
6	3	2000	8	2 1/4	19 1/4	90TM06501S
8	3	2500	10 1/2	2 1/2	22 1/4	90TM08501S
10	3	2900	12 1/2	2 1/2	25 1/4	90TM10501S
12	3	3500	15 1/2	2 1/2	29 1/4	90TM12501S

Standard Bearing: Roller (**01**).

90 Series Wheel Selection Hints

PY PF PD PE

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

NX

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

FS FR CA VG VM

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

MR

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

TM

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

81 Heavy Duty Casters

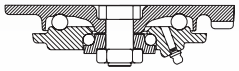
CAPACITY TO 2000

The 81 Series is drop forged and recommended for heavy manual moved loads or for medium duty power drawn equipment. Consult factory for all power drawn applications.

TYPICAL APPLICATIONS

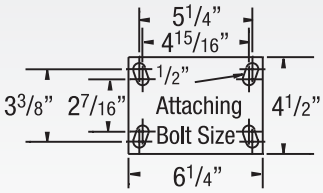
- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs

SWIVEL CROSS SECTION



MOUNTING OPTIONS

Standard Plate



Premium Quality

Environmentally Friendly (Consult factory)

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

Straight Roller (01)

Precision Ball (28)

ACCESSORIES

To order, add brake code below to end of model. Example: 81PY06501S**P**

Poly Cam brake specify **P**

Single Side brake specify **SSB81**. **Double Sided** specify **DSB81**

Face brake specify **FBB**

Welded **Swivel Lock** specify **L**

Hand operated field installable **swivel lock** order **SL810000** separately

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

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PY	5	3	1500	6 1/2	2 1/4	15	81PY05501S
	6	3	2000	7 5/8	1 1/2	26	81PY06501S
	8	3	2000	10 1/8	2 1/4	22 1/4	81PY08501S
	10	3	2000	11 1/2	2 1/2	31	81PY10501S
	12	3	2000	13 1/2	3	40	81PY12501S

Standard Bearing: Roller (**01**).

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

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PF	6	3	2000	7 5/8	1 1/2	26	81PF06528S
	8	3	2000	10 1/8	2 1/4	22 1/4	81PF08528S
	10	3	2000	11 1/2	2 1/2	31	81PF10528S
	12	3	2000	13 1/2	3	40	81PF12528S

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

Economical Polyurethane on Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PE	6	3	2000	7 5/8	1 1/2	26	81PE06501S
	8	3	2000	10 1/8	2 1/4	22 1/4	81PE08501S
	10	3	2000	11 1/2	2 1/2	31	81PE10501S
	12	3	2000	13 1/2	3	40	81PE12501S

Standard Bearing: Roller (**01**).

Continue on next page >>

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

NYLON MODELS

Trionix™ High Impact Polymer

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
NX						
6	3	2000	7 5/8	1 1/2	16	**81NX06528**
8	3	2000	10 1/8	2 1/4	18	**81NX08528**
10	3	2000	11 1/2	2 1/2	21	**81NX10528**
12	3	2000	11 1/2	2 1/2	21	**81NX12528**

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

METAL MODELS

Crowned Tread Ductile Iron

FR, VM						
6	3	2000	7 5/8	1 1/2	20 1/4	**81FR06501S**
8	3	2000	10 1/8	2 1/4	26 1/2	**81FR08501S**
10	3	2000	11 1/2	2 1/2	27 1/2	**81FR10501S**

Standard Bearing: Roller (**01**).
Optional bearings: Tapered Roller (**09**) or Precision Ball (**28**); change **01** above to optional bearing code.
Ductile Iron V-Groove (**VM**) models available.
Change **FR** wheel code to **VM.** Example: 81**VM**06501S.

Cast Iron

CA						
4	3	2000	5 1/2	2	17 3/4	**81CA04501S**
5	2 1/2	2000	6 1/2	2 1/4	19 1/2	**81CA05401S**
6	3	2000	7 5/8	1 1/2	20 1/4	**81CA06501S**
8	3	2000	10 1/8	2 1/4	26 1/2	**81CA08501S**
10	3	2000	11 1/2	2 1/2	27 1/2	**81CA10501S**

Standard Bearing: Roller (**01**).

V-Grooved Cast Iron

VG						
6	2 1/2	2000	7 5/8	1 1/2	20 1/4	**81VG06401S**
8	3	2000	10 1/8	2 1/4	26 1/2	**81VG08501S**
10	3	2000	11 1/2	2 1/2	27 1/2	**81VG10501S**

Standard Bearing: Roller (**01**).

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

RUBBER MODELS

Moldon Rubber on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
MR						
6	3	750	7 5/8	3	21 3/4	**81MR06501S**
8	3	900	10 1/8	3	22 1/4	**81MR08501S**
10	3	1000	11 1/2	3 1/2	25 1/4	**81MR10501S**
12	3	1200	13 1/2	3	30 3/4	**81MR12501S**

Standard Bearing: Roller (**01**).

PHENOLIC MODELS

Phenolic

TM						
6	3	2000	7 5/8	1 1/2	14 3/4	**81TM06501S**
8	3	2000	10 1/8	2 1/4	17 3/4	**81TM08501S**
10	3	2000	11 1/2	2 1/2	20 1/2	**81TM10501S**
12	3	2000	13 1/2	3	22 1/2	**81TM12501S**

Standard Bearing: Roller (**01**).

81 Series Wheel Selection Hints

PY PF PD PE

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

NX

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

FR CA VG VM

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

MR

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

TM

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

72 Medium Heavy Duty Casters

CAPACITY TO 1600

This heavy duty hot forged steel caster is designed for extended life in rugged applications. They will outperform cold forged or stamped steel casters in swivel applications requiring severe service.

Premium Quality

Environmentally Friendly (Consult factory)

FEATURES

- **Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- **Swivel Section:** Double ball bearing "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 ball, and Oilex bearings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle

RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS72**

ACCESSORIES

To order, add brake code below to end of model. Example: 72XS06201S**CB72**

Cam brake specify **CB72**

Face brake specify **FBB**

Poly Cam brake specify **P**

Swivel Lock (welded) specify **L**

Hand operated field installable **swivel lock** for standard plate order **SL720000** separately.

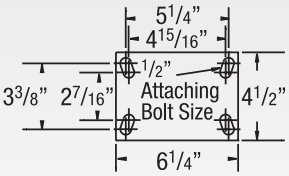
BEARING OPTIONS

Straight Roller (01,07)

Precision Ball (28)

MOUNTING OPTIONS

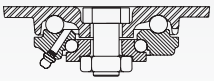
Standard Plate



TYPICAL APPLICATIONS

- Production racks and fixtures
- Live skids and Box trucks

SWIVEL CROSS SECTION



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

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX	4	2	800	5 5/8	1 7/16	9	72AX04228S
	5	2	1000	6 1/2	1 13/16	8 1/4	72AX05228S
	6	2	1250	7 1/2	2 1/4	9 1/4	72AX06228S
	8	2	1500	10 1/8	2 1/4	12 1/4	72AX08228S

85 Shore A

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

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN	4	2	800	5 5/8	1 7/16	9	72AN04228S
	5	2	1000	6 1/2	1 13/16	8 1/4	72AN05228S
	6	2	1250	7 1/2	2 1/4	9 1/4	72AN06228S
	8	2	1500	10 1/8	2 1/4	12 1/4	72AN08228S

85 Shore A

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

Green Round Tread Polyurethane on Aluminum

PM	5	2	1000	6 1/2	1 13/16	8 1/4	72PM05228S
	6	2	1250	7 1/2	2 1/4	9 1/4	72PM06228S
	8	2	1500	10 1/8	2 1/4	12 1/4	72PM08228S

95 Shore A

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

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

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

POLYURETHANE MODELS (CONTINUED)

Polyurethane on Cast Iron

PY	6	2 1/2	1600	7 1/2	2 1/4	13 3/4	72PY06407S
	8	2 1/2	1600	10 1/8	2 1/4	17 1/2	72PY08407S
	10	2 1/2	1600	11 1/2	2 1/4	19	72PY10407S

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

Green Polyurethane Crowned Tread on Aluminum

PD	4	2	700	5 5/8	1 7/16	7 3/4	72PD04201S
	5	2	1050	6 1/2	1 13/16	8 1/2	72PD05201S
	6	2	1230	7 1/2	2 1/4	9	72PD06201S
	8	2	1500	10 1/8	2 1/4	11	72PD08201S

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

Yellow Polyurethane on Heavy Duty Iron

PF	6	2	1600	7 1/2	2 1/4	11	72PF06228S
	8	2	1600	10 1/8	2 1/4	14	72PF08228S

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

Endura Solid Elastomer Polyurethane

SE	4	2	1000	5 5/8	1 7/16	7 1/2	72SE04228S
	5	2	1000	6 1/2	1 13/16	8 1/2	72SE05228S
	6	2	1100	7 1/2	2 1/4	9 1/2	72SE06228S
	8	2	1200	10 1/8	2 1/4	11	72SE08228S

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

USA Made WHEELS

Continue on next page >>

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

POLYURETHANE MODELS (CONTINUED)

Hi-Tech Antimicrobial Polyurethane on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XA						
4	2	720	5 5/8	1 7/16	7 1/2	72XA04228S
5	2	900	6 1/2	1 13/16	8 1/2	72XA05228S
6	2	1100	7 1/2	2 1/4	9 1/2	72XA06228S
8	2	1200	10 1/8	2 1/4	11	72XA08228S

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

NYLON MODELS

Heavy Duty Glass Filled Nylon

DT						
4	2	1600	5 5/8	1 7/16	7 1/2	72DT04228S
5	2	1600	6 1/2	1 13/16	7 3/4	72DT05228S
6	2	1600	7 1/2	2 1/4	8 1/2	72DT06228S
8	2	1600	10 1/8	2 1/4	10 1/4	72DT08228S

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

METAL MODELS

Cast Iron

CA						
4	2	1000	5 5/8	1 7/16	9 1/4	72CA04201S
5	2	1300	6 1/2	1 13/16	10 3/4	72CA05201S
6	2	1400	7 1/2	2 1/4	12 3/4	72CA06201S
6	2 1/2	1600	7 1/2	2 1/4	16 1/2	72CA06407S
8	2	1600	10 1/8	2 1/4	16	72CA08201S
8	2 1/2	1600	10 1/8	2 1/4	18 1/4	72CA08407S

Standard Bearing: Roller (**01 or 07**).

Crowned Tread Ductile Iron

FR						
5	2	1500	6 1/2	1 13/16	11 3/4	72FR05201S
6	2	1600	7 1/2	2 1/4	14	72FR06201S
8	2	1600	10 1/8	2 1/4	17	72FR08201S

Standard Bearing: Roller (**01**).

RUBBER MODELS

Performa Flat Tread on Polypropylene

XS						
4	2	400	5 5/8	1 7/16	7 1/4	72XS04201S
5	2	500	6 1/2	1 13/16	7 3/4	72XS05201S
6	2	600	7 1/2	2 1/4	8 1/2	72XS06201S
8	2	675	10 1/8	2 1/4	10 1/4	72XS08201S

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

Performa Round Tread on Polypropylene

XR						
6	2	450	7 1/2	2 1/4	8 1/1	72XR06201S
8	2	600	10 1/8	2 1/4	10 1/4	72XR08201S

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

Moldon Rubber on Cast Iron

MR						
4	2	300	5 5/8	1 7/16	8	72MR04201S
5	2	450	6 1/2	1 13/16	8 1/2	72MR05201S
6	2	500	7 1/2	2 1/4	9	72MR06201S
6	2 1/2	700	7 1/2	2 1/4	15 1/2	72MR06407S
8	2	600	10 1/8	2 1/4	14	72MR08201S
8	2 1/2	850	10 1/8	2 1/4	16 3/4	72MR08407S
10	2 1/2	950	11 1/2	2 1/4	20 3/4	72MR10407S

Standard Bearing: Roller (**01 or 07**).

PHENOLIC MODELS

Phenolic

TM						
4	2	800	5 5/8	1 7/16	7 1/2	72TM04201S
5	2	1000	6 1/2	1 13/16	8 1/2	72TM05201S
6	2	1200	7 1/2	2 1/4	9 1/2	72TM06201S
6	2 1/2	1600	7 1/2	2 1/4	10 3/4	72TM06407S
8	2	1400	10 1/8	2 1/4	11 3/4	72TM08201S
8	2 1/2	1600	10 1/8	2 1/4	13 1/4	72TM08407S
10	2 1/2	1600	11 1/2	2 1/4	15	72TM10407S

Standard Bearing: Roller (**01 or 07**).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

RT						
4	2	1600	5 5/8	1 7/16	6 1/2	72RT04201S
5	2	1600	6 1/2	1 13/16	6 3/4	72RT05201S
6	2	1600	7 1/2	2 1/4	7 1/2	72RT06201S
8	2	1600	10 1/8	2 1/4	9 1/4	72RT08201S

Standard Bearing: Roller (**01**).

72 Series Wheel Selection Hints

AX AN PM PD

PY PF SE XA

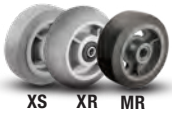
Polyurethane
- Excellent multi-purpose wheels
- Non-marking, floor protective
- Excellent capacity, wear resistance, and strength
- Various durometers, thicknesses

NX DT

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

CA

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



XS XR MR

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

TM

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

RT

Polypropylene
- Most economical
- Lightweight
- High-temp options

71 Medium Heavy Duty Casters

CAPACITY TO 1500

Premium Quality

Environmentally Friendly (Consult factory)

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 delrin bearing offerings. Solid axle on ball, and Oilex bearing offerings
- **Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle

RIG OPTIONS

- **Sealed swivel** section specify **NS71**

ACCESSORIES

To order, add brake code below to end of model. Example: 71XS06201S**CB71**

Cam brake specify **CB71**

Face brake specify **FBB**

Poly Cam brake specify **P**

Swivel Lock (welded) specify **L**

Hand operated field installable **swivel lock** for standard plate order **SL710000** separately.

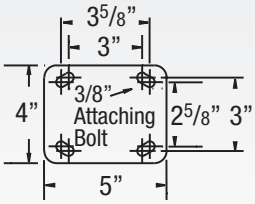
These heavy duty hot forged steel casters are designed for extended life in rugged applications. They will outperform cold forged or stamped steel casters in swivel applications.

TYPICAL APPLICATIONS

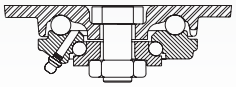
- Production racks and fixtures
- Live skids and Box trucks

MOUNTING OPTIONS

Standard Plate



SWIVEL CROSS SECTION



BEARING OPTIONS

Straight Roller (01,07)

Precision Ball (28)

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 7/16	5 1/2	71AX04228S
5	2	1000	6 1/2	1 13/16	5 3/4	71AX05228S
6	2	1250	7 1/2	2 1/4	6 3/4	71AX06228S
8	2	1500	10 1/8	2 1/4	8 1/2	71AX08228S

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

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 7/16	5 1/2	71AN04228S
5	2	1000	6 1/2	1 13/16	5 3/4	71AN05228S
6	2	1250	7 1/2	2 1/4	6 3/4	71AN06228S
8	2	1500	10 1/8	2 1/4	8 1/2	71AN08228S

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

Green Round Tread Polyurethane on Aluminum

PM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1000	6 1/2	1 13/16	5 3/4	71PM05228S
6	2	1250	7 1/2	2 1/4	6 3/4	71PM06228S
8	2	1500	10 1/8	2 1/4	8 1/2	71PM08228S

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

POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1000	6 1/2	1 13/16	5 3/4	71PM05228S80A
6	2	1250	7 1/2	2 1/4	6 3/4	71PM06228S80A
8	2	1500	10 1/8	2 1/4	8 1/2	71PM08228S80A

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

To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Yellow Polyurethane on Heavy Duty Iron

PF

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
6	2	1500	7 1/2	2 1/4	11	71PF06228S
8	2	1500	10 1/8	2 1/4	14	71PF08228S

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

Green Polyurethane Crowned Tread on Aluminum

PD

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	700	5 5/8	1 7/16	6 1/2	71PD04201S
5	2	1050	6 1/2	1 13/16	7	71PD05201S
6	2	1230	7 1/2	2 1/4	7 1/2	71PD06201S
8	2	1500	10 1/8	2 1/4	9 1/2	71PD08201S

Standard Bearing: Roller (**01**).

Endura Solid Elastomer Polyurethane

SE

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	1000	5 5/8	1 7/16	7 1/2	71SE04228S
5	2	1000	6 1/2	1 13/16	8 1/2	71SE05228S
6	2	1100	7 1/2	2 1/4	9 1/2	71SE06228S
8	2	1200	10 1/8	2 1/4	10	71SE08228S

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

Continue on next page >>

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

NYLON MODELS

Trionix™ High Impact Polymer

NX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	1500	5 5/8	1 7/16	6 1/2	71NX04228S
5	2	1500	6 1/2	1 13/16	7	71NX05228S
6	2	1500	7 1/2	2 1/4	7 1/2	71NX06228S
8	2	1500	10 1/8	2 1/4	9 1/2	71NX08228S

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

Heavy Duty Glass Filled Nylon

DT

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 7/16	6 1/2	71DT04228S
5	2	1000	6 1/2	1 13/16	6 3/4	71DT05228S
6	2	1200	7 1/2	2 1/4	7 3/4	71DT06228S
8	2	1400	10 1/8	2 1/4	10	71DT08228S

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

METAL MODELS

Crowned Tread Ductile Iron

FR

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1500	6 1/2	1 1/2	10	71FR05201S
6	2	1500	7 1/2	2 1/4	12	71FR06201S
8	2	1500	10 1/8	2 1/4	15	71FR08201S

Standard Bearing: Roller (**01**).

Cast Iron

CA

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
3 1/4	2	700	5 1/4	1 7/16	8 1/4	71CA03201S
4	2	1000	5 5/8	1 7/16	8 1/4	71CA04201S
5	2	1300	6 1/2	1 1/2	9 1/4	71CA05201S
6	2	1400	7 1/2	2 1/4	11 1/4	71CA06201S
8	2	1500	10 1/8	2 1/4	14 1/2	71CA08201S

Standard Bearing: Roller (**01**).

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

RUBBER MODELS

Performa Flat Tread on Polypropylene

XS

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	400	5 5/8	1 7/16	5 1/2	71XS04201S
5	2	500	6 1/2	1 13/16	6 1/4	71XS05201S
6	2	600	7 1/2	2 1/4	6 3/4	71XS06201S
8	2	675	10 1/8	2 1/4	8 1/2	71XS08201S

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

Performa Round Tread on Polypropylene

XR

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
6	2	450	7 1/2	2 1/4	6 3/4	71XR06201S
8	2	600	10 1/8	2 1/4	8 1/2	71XR08201S

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

Moldon Rubber on Cast Iron

MR

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	300	5 5/8	1 7/16	7 3/4	71MR04201S
5	2	450	6 1/2	1 13/16	8	71MR05201S
6	2	500	7 1/2	2 1/4	9 3/4	71MR06201S
8	2	600	10 1/8	2 1/4	12	71MR08201S

Standard Bearing: Roller (**01**).

PHENOLIC MODELS

Phenolic

TM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
3 1/4	2	700	5 1/4	1 7/16	6	71TM03201S
4	2	800	5 5/8	1 7/16	6 1/2	71TM04201S
5	2	1000	6 1/2	1 13/16	6 3/4	71TM05201S
6	2	1200	7 1/2	2 1/4	7 3/4	71TM06201S
8	2	1400	10 1/8	2 1/4	10	71TM08201S

Standard Bearing: Roller (**01**).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

RT

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 7/16	5 1/2	71RT04201S
5	2	1000	6 1/2	1 13/16	6 1/4	71RT05201S
6	2	1200	7 1/2	2 1/4	6 3/4	71RT06201S
8	2	1400	10 1/8	2 1/4	8 1/2	71RT08201S

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

71 Series Wheel Selection Hints

AX AN PM PD

PF SE

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

NX DT

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

FR CA

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

XS XR MR

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

TM

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

RT

Polypropylene
- Most economical
- Lightweight
- High-temp options

62 Medium Heavy Duty Casters

CAPACITY TO 1500

Premium Quality

Environmentally Friendly (Consult factory)

Manufactured from cold formed steel, this popular series features a heat treated king bolt and nut, ensuring durability and a longer caster life.

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 Delrin bearing. Solid axle on 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

RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS62**

ACCESSORIES

To order, add brake code below to end of model. Example: 62XS06201S**CB62**

Cam brake specify **CB62**

Face brake specify **FBK**

Poly Cam brake specify **P**

Swivel Lock (welded) specify **L**

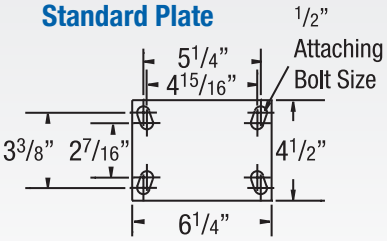
Hand operated field installable **swivel lock** for standard plate order **SL620000** separately.

TYPICAL APPLICATIONS

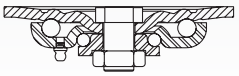
- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production jigs and fixtures

MOUNTING OPTIONS

Standard Plate

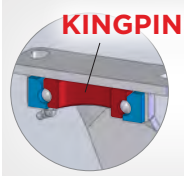


SWIVEL CROSS SECTION



BEARING OPTIONS

Straight Roller (01) | Precision Ball (28)



KINGPINLESS

Need more **capacity?** See kinpinless solutions on page 26-39

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 5/16	6 1/4	62AX04228S
5	2	1000	6 1/2	1 1/2	7 1/4	62AX05228S
6	2	1250	7 1/2	1 3/4	8 1/4	62AX06228S
8	2	1500	10 1/8	1 3/4	10 1/2	62AX08228S

85 Shore A

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

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 5/16	6 1/4	62AN04228S
5	2	1000	6 1/2	1 1/2	7 1/4	62AN05228S
6	2	1250	7 1/2	1 3/4	8 1/4	62AN06228S
8	2	1500	10 1/8	1 3/4	10 1/2	62AN08228S

85 Shore A

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

POLYURETHANE MODELS (CONTINUED)

Green Round Tread Polyurethane on Aluminum

PM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1000	6 1/2	1 1/2	7 1/4	62PM05228S
6	2	1250	7 1/2	1 3/4	8 1/4	62PM06228S
8	2	1500	10 1/8	1 3/4	10 1/2	62PM08228S

95 Shore A

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

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1000	6 1/2	1 1/2	7 1/4	62PM05228S80A
6	2	1250	7 1/2	1 3/4	8 1/4	62PM06228S80A
8	2	1500	10 1/8	1 3/4	10 1/2	62PM08228S80A

80 Shore A

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

To Specify Rigid or Swivel, insert "R" or "S" before "80A".

Green Polyurethane Crowned Tread on Aluminum

PD

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	700	5 5/8	1 5/16	6 1/2	62PD04201S
5	2	1050	6 1/2	1 1/2	6 1/2	62PD05201S
6	2	1230	7 1/2	1 3/4	7 1/4	62PD06201S
8	2	1500	10 1/8	1 3/4	8 1/2	62PD08201S

Standard Bearing: Roller (**01**).

Yellow Polyurethane on Heavy Duty Iron

PF

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
6	2	1500	7 1/2	1 3/4	13	62PF06228S
6	2	1500	10 1/8	1 3/4	14	62PF08228S

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

Continue on next page >>

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

POLYURETHANE MODELS (CONTINUED)

Green Polyurethane on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PY						
6	2 1/2	1500	7 1/2	1 3/4	13	62PY06407S
8	2 1/2	1500	10 1/8	1 3/4	16	62PY08407S
10	2 1/2	1500	11 1/2	1 3/4	17	62PY10407S

Standard Bearing: Roller (**01**).

Endura Solid Elastomer Polyurethane

SE						
4	2	1000	5 5/8	1 5/16	6 1/4	62SE04228S
5	2	1000	6 1/2	1 1/2	7 1/4	62SE05228S
6	2	1100	7 1/2	1 3/4	8 1/4	62SE06228S
8	2	1200	10 1/8	1 3/4	10 1/2	62SE08228S

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

High-Tech Antimicrobial Polyurethane on Polypropylene

XA						
4	2	720	5 5/8	1 5/16	6 1/2	62XA04201S
5	2	900	6 1/2	1 1/2	7 1/2	62XA05201S
6	2	1100	7 1/2	1 3/4	8 1/4	62XA06201S
8	2	1200	10 1/8	1 3/4	9 1/2	62XA08201S

Standard Bearing: Roller (**01**).

High-Tech Polyurethane on Polypropylene (Maroon)

XM						
4	2	720	5 5/8	1 5/16	6 1/2	62XM04201S
5	2	900	6 1/2	1 1/2	7 1/2	62XM05201S
6	2	1100	7 1/2	1 3/4	8 1/4	62XM06201S
8	2	1200	10 1/8	1 3/4	9 1/2	62XM08201S

Standard Bearing: Roller (**01**).

NYLON MODELS

Trionix™ High Impact Polymer

NX						
4	2	1500	5 5/8	1 5/16	8 1/4	62NX04228S
5	2	1500	6 1/2	1 1/2	8 3/4	62NX05228S
6	2	1500	7 1/2	1 3/4	11	62NX06228S
8	2	1500	10 1/8	1 3/4	14	62NX08228S

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

Heavy Duty Glass Filled Nylon

DT						
4	2	800	5 5/8	1 5/16		62DT04228S
5	2	1000	6 1/2	1 1/2	7 1/2	62DT05228S
6	2	1200	7 1/2	1 3/4	8 1/4	62DT06228S
8	2	1400	10 1/8	1 3/4	9 1/2	62DT08228S

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

METAL MODELS

Crowned Tread Ductile Iron

FR						
5	2	1500	6 1/2	1 1/2	10 1/4	62FR05201S
6	2	1500	7 1/2	1 3/4	11	62FR06201S
8	2	1500	10 1/8	1 3/4	14 1/2	62FR08201S

Standard Bearing: Roller (**01**).

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

METAL MODELS (CONTINUED)

Cast Iron

CA						
4	2	1000	5 5/8	1 5/16	8 1/4	62CA04201S
5	2	1300	6 1/2	1 1/2	9 1/4	62CA05201S
6	2	1400	7 1/2	1 3/4	11 1/4	62CA06201S
6	2 1/2	1500	7 1/2	1 3/4	13	62CA06407S
8	2	1500	10 1/8	1 3/4	14 1/2	62CA08201S
8	2 1/2	1500	10 1/8	1 3/4	16	62CA08407S
10	2 1/2	1500	10 1/8	1 3/4	20	62CA10407S

Standard Bearing: Roller (**01 or 07**).

RUBBER MODELS

Performa Flat Tread on Polypropylene

XS						
4	2	400	5 5/8	1 5/16	6 1/2	62XS04201S
5	2	500	6 1/2	1 1/2	7 1/2	62XS05201S
6	2	600	7 1/2	1 3/4	8 1/4	62XS06201S
8	2	675	10 1/8	1 3/4	9 1/4	62XS08201S

Standard Bearing: Roller (**01**).
Optional bearing: Precision Ball (**28**) change **01** to **28**.

Performa Round Tread on Polypropylene

XR						
6	2	450	7 1/2	1 3/4	8 1/4	62XR06201S
8	2	600	10 1/8	1 3/4	9 1/4	62XR08201S

Standard Bearing: Roller (**01**).
Optional bearing: Precision Ball (**28**) change **01** to **28**.

Moldon Rubber on Cast Iron

MR						
4	2	300	5 5/8	1 5/16	6 1/2	62MR04201S
5	2	450	6 1/2	1 1/2	7 1/2	62MR05201S
6	2	500	7 1/2	1 3/4	9 1/2	62MR06201S
6	2 1/2	700	7 1/2	1 3/4	12	62MR06407S
8	2	600	10 1/8	1 3/4	9 1/4	62MR08201S
8	2 1/2	850	10 1/8	1 3/4	14 1/2	62MR08407S
10	2 1/2	950	11 1/2	1 3/4	18 1/4	62MR10407S

Standard Bearing: Roller (**01 or 07**).

PNEUMATIC MODELS

Monoprene Semi-Pneumatic

SZ						
6	2	250	7 1/2	1 3/4	8 1/4	62SZ06228S
8	2	280	10 1/8	1 3/4	9 1/2	62SZ08228S

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

PHENOLIC MODELS

Phenolic

TM						
4	2	800	5 5/8	1 5/16	6 1/4	62TM04201S
5	2	1000	6 1/2	1 1/2	6 3/4	62TM05201S
6	2	1200	7 1/2	1 3/4	7 3/4	62TM06201S
6	2 1/2	1500	7 1/2	1 3/4	9	62TM06407S
8	2	1400	10 1/8	1 3/4	9 1/2	62TM08201S
8	2 1/2	1500	10 1/8	1 3/4	11 1/4	62TM08407S
10	2 1/2	1500	11 1/2	1 3/4	13	62TM10407S

Standard Bearing: Roller (**01 or 07**).

62 Series Wheel Selection Hints

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

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

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

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

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

16 Series Medium Heavy Duty Casters

Made in the USA

CAPACITY TO 1250

The 16 Series features a quality USA made rig and 3-year warranty, along with the most wheel and brake options in the industry. This quality lineup provides lasting value, all at a competitive price.

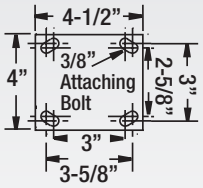
TYPICAL APPLICATIONS

- Shop/Distribution Carts
- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks

SWIVEL CROSS SECTION

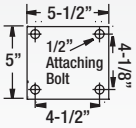
MOUNTING OPTIONS

Standard Plate

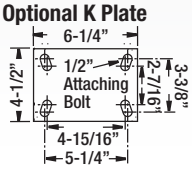


Special Order Plates

Optional D Plate



Optional K Plate



16 Series USA-made rigs with **3/4" kingpin last 40% longer** than leading imports with 5/8" kingpin.

Premium Quality

Environmentally Friendly (Consult factory)

FEATURES

- All caster rigs and many wheels **now made in the USA**
- **3 Year** warranty
- **Improved zinc plated finish** for attractive appearance, better corrosion resistance and longer caster life
- **Bigger kingpin:** New bigger, stronger 3/4" kingpin on standard top plate
- **NSF Listed:** Consult factory for part specific information
- **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
- **Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- **Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and Delrin bearings. Axle is solid with ball, plain bore, 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 Delrin bearing wheels
- Alternate or custom caster configurations available

BEARING OPTIONS

Straight Roller (01) | Drawn Cup Roller (02) | Oilex (23)

Industrial Ball (27) | Precision Ball (28) | Pedestal Precision (29)

1-Piece Delrin (52) | 2-Piece Delrin (51) | Bronze (22)

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

RIG OPTIONS

- Upper/lower raceway rubber seals help protect casters
- Notched seal kit
- Optional overall heights

ACCESSORIES

To order, add brake code below to end of model. Example: 16XS06201S**T**

Total Lock brake specify **T** (4" to 8" models) specify optional 7 1/2" (HS60) overall height model if ordering 6"

Cam brake specify **CB1**

Face brake specify **FBA**

Face brake specify **FBE**

Face brake specify **FBK**

Swivel Lock (welded) specify **L** (not available with Total Lock brakes)

Hand operated field installable **swivel lock** order **SL160000** separately

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

Raceway grease seals, specify **SS02**

Continue on next page >>

Continued from previous page

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 11/16	5	16AN04228S
5	2	1000	6 1/2	1 5/8	6	16AN05228S
6	2	1250	7 1/4	1 3/4	7	16AN06228S
8	2	1250	9 1/2	1 3/4	9	16AN08228S

85 Shore A
Learn more below

Standard Bearing: Precision Ball (28) with new patent pending top hats.

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 11/16	5	16AX04228S
5	2	1000	6 1/2	1 5/8	6	16AX05228S
6	2	1250	7 1/4	1 3/4	7	16AX06228S
8	2	1250	9 1/2	1 3/4	9	16AX08228S

85 Shore A
Learn more below

Standard Bearing: Precision Ball (28) with new patent pending top hats.

Green Round Tread Polyurethane on Aluminum

PM

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

95 Shore A

Standard Bearing: Precision Ball (28).

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	1000	6 1/2	1 5/8	6	16PM05228S80A
6	2	1250	7 1/4	1 3/4	7	16PM06228S80A
8	2	1250	9 1/2	1 3/4	9	16PM08228S80A

80 Shore A

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

Green Polyurethane Crowned Tread on Aluminum

PD

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	700	5 5/8	1 11/16	5	16PD04201S
5	2	1050	6 1/2	1 5/8	5 1/4	16PD05201S
6	2	1230	7 1/4	1 3/4	5 3/4	16PD06201S
8	2	1250	9 1/2	1 3/4	7	16PD08201S

Standard Bearing: Roller (01).

Economical Red Polyurethane on Iron

IP

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	700	5 5/8	1 11/16	7	16IP04201S
5	2	1000	6 1/2	1 5/8	8	16IP05201S
6	2	1200	7 1/4	1 3/4	9 3/4	16IP06201S
8	2	1250	9 1/2	1 3/4	10	16IP08201S

Standard Bearing: Roller (01).

High-Tech Antimicrobial Polyurethane on Polypropylene

XA

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	720	5 5/8	1 11/16	4 1/4	16XA04201S
5	2	900	6 1/2	1 5/8	4 3/4	16XA05201S
6	2	1100	7 1/4	1 3/4	5 1/2	16XA06201S
8	2	1200	9 1/2	1 3/4	7 1/2	16XA08201S

Standard Bearing: Roller (01)

Hi-Tech Polyurethane on Polypropylene (Maroon)

XM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	720	5 5/8	1 11/16	4 1/4	16XM04201S
5	2	900	6 1/2	1 5/8	4 3/4	16XM05201S
6	2	1100	7 1/4	1 3/4	5 1/2	16XM06201S
8	2	1200	9 1/2	1 3/4	7 1/2	16XM08201S

Standard Bearing: Roller (01)

K Solid Polyurethane

KW

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	700	5 5/8	1 11/16	5	16KW04202S
5	2	1000	6 1/2	1 5/8	5 1/2	16KW05202S
6	2	1200	7 1/4	1 3/4	6 1/4	16KW06202S
8	2	1250	9 1/2	1 3/4	8	16KW08202S

Standard Bearing: Torrington roller (02).

V-Grooved Solid Polyurethane

XV

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	300	5 5/8	1 11/16	4 1/2	16XV04202S
5	2	300	6 1/2	1 5/8	5	16XV05202S
6	2	300	7 1/4	1 3/4	5 1/4	16XV06202S
8	2	300	9 1/2	1 3/4	5 3/4	16XV08202S

Standard Bearing: Drawn Cup Roller (02).
Optional Bearings: Delrin (52) Change 02 above to 52.

USA Made WHEELS

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

NYLON MODELS

Maxim® Glass Filled Nylon

NG

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
3 1/4	2	700	4 1/4	1 3/4	5	16NG03201S
4	2	800	5 5/8	1 11/16	5	16NG04201S
5	2	1000	6 1/2	1 5/8	5 1/2	16NG05201S
6	2	1200	7 1/4	1 3/4	6 1/4	16NG06201S
8	2	1250	9 1/2	1 3/4	8	16NG08201S

Standard Bearing: Roller (01).
Optional bearings: Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29) and Delrin (51); change 01 above to optional bearing code.

Heavy Duty Glass Filled Nylon

DT

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 11/16		16DT04201S
5	2	1200	6 1/2	1 5/8		16DT05201S
6	2	1250	7 1/4	1 3/4		16DT06201S
8	2	1250	9 1/2	1 3/4		16DT08201S

Standard Bearing: Roller (01).

High Temp Glass Filled Nylon

HT

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 11/16		16HT04201S
5	2	1000	6 1/2	1 5/8		16HT05201S
6	2	1200	7 1/4	1 3/4		16HT06201S
8	2	1250	9 1/2	1 3/4		16HT08201S

Standard Bearing: Roller (01).

METAL MODELS

Cast Iron

CA

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
3 1/4	2	700	4 1/4	1 3/4	6 3/4	16CA03201S
4	2	1000	5 5/8	1 11/16	7	16CA04201S
5	2	1250	6 1/2	1 5/8	8	16CA05201S
6	2	1250	7 1/4	1 3/4	9 3/4	16CA06201S
8	2	1250	9 1/2	1 3/4	12 1/2	16CA08201S

Standard Bearing: Roller (01).

V-Grooved Cast Iron

VG

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
4	2	800	5 5/8	1 11/16	7	16VG04201S
5	2	800	6 1/2	1 5/8	8 3/4	16VG05201S
6	2	1000	7 1/4	1 3/4	9 3/4	16VG06201S

Standard Bearing: Roller (01).

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

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

Continue on next page >>

Continued from previous page

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

RUBBER MODELS

Performa Flat Tread on Polypropylene

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XS						
4	2	350	5 5/8	1 11/16	5 1/4	16XS04201S
5	2	375	6 1/2	1 5/8	5 1/2	16XS05201S
6	2	600	7 1/4	1 3/4	6	16XS06201S
8	2	675	9 1/2	1 3/4	6 1/2	16XS08201S

Standard Bearing: Roller (**01**).
Optional bearings: Precision Ball (**28**) and Delrin (**51**); change **01** above to optional bearing code.

Performa Round Tread on Polypropylene

XR						
6	2	450	7 1/4	1 3/4	5 1/2	16XR06201S
8	2	600	9 1/2	1 3/4	6 1/2	16XR08201S

Standard Bearing: Roller (**01**).
Optional bearings: Precision Ball (**28**) and Delrin (**51**); change **01** above to optional bearing code.

Moldon Rubber on Cast Iron

MR						
4	2	300	5 5/8	1 11/16	5 1/4	16MR04201S
5	2	450	6 1/2	1 5/8	5 1/2	16MR05201S
6	2	500	7 1/4	1 3/4	8	16MR06201S
8	2	600	9 1/2	1 3/4	10 1/4	16MR08201S

Standard Bearing: Roller (**01**).

Moldon Rubber on Aluminum

MD						
6	2	550	7 1/4	1 3/4	6	16MD06201S
8	2	600	9 1/2	1 3/4	6 1/2	16MD08201S

Standard Bearing: Roller (**01**).

PNEUMATIC STYLE MODELS

Monoprene Semi-Pneumatic

SZ						
6	2	250	7 1/4	1 3/4	5 1/2	16SZ06228S
8	2	280	9 1/2	1 3/4	6 1/2	16SZ08228S

For grey tread specify "SV" wheel code (example 16**SV**05228S).

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

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

PHENOLIC MODELS

Phenolic

TM						
3 1/4	2	700	4 1/4	1 3/4	4 1/2	16TM03201S
4	2	800	5 5/8	1 11/16	5	16TM04201S
5	2	1000	6 1/2	1 5/8	5 1/4	16TM05201S
6	2	1200	7 1/4	1 3/4	6 1/4	16TM06201S
8	2	1250	9 1/2	1 3/4	8	16TM08201S

Standard Bearing: Roller (**01**).

POLYPROPYLENE MODELS

Glass Filled Polypropylene

RT						
4	2	800	5 5/8	1 11/16		16RT04201S
5	2	1000	6 1/2	1 5/8		16RT05201S
6	2	1200	7 1/4	1 3/4		16RT06201S
8	2	1250	9 1/2	1 3/4		16RT08201S

Standard Bearing: Roller (**01**).

High Temp Polypropylene

RW						
4	2	500	5 5/8	1 11/16	5	16RW04241S
5	2	650	6 1/2	1 5/8	5 1/2	16RW05241S
6	2	700	7 1/4	1 3/4	6	16RW06241S
8	2	900	9 1/2	1 3/4	6 1/2	16RW08241S

Standard Bearing: Plain Bore (**41**).

White Polypropylene

PW						
4	2	450	5 5/8	1 11/16	4 1/2	16PW04241S
5	2	550	6 1/2	1 5/8	5	16PW05241S
6	2	650	7 1/4	1 3/4	6	16PW06241S

Standard Bearing: Plain Bore (**41**).

Polypropylene

PB						
4	2	450	5 5/8	1 11/16	4 1/2	16PB04201S
5	2	550	6 1/2	1 5/8	5	16PB05201S
6	2	750	7 1/4	1 3/4	6	16PB06201S
8	2	850	9 1/2	1 3/4	5 1/2	16PB08201S

Standard Bearing: Roller (**01**).
Optional bearings: Delrin (**51**) Bearings or plain bore (**41**); change **01** above to optional bearing code.

16 Series Wheel Selection Hints

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

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

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

Rubber/ Pneumatic Style
- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption

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

Polypropylene
- Most economical
- Lightweight
- High-temp options

HEAVY DUTY KINGPINLESS DUAL
CAPACITY RANGE 280-30000 LBS

615 Series Swivel Ease
Dual times three!

Common Applications:
- Tool Carts
- Group Support Equipment
- Storage Racks
- Low Profile Carts
- Platforms
- Custom Material Handling
- Towable Transportation Equipment
- Workstations/Packaging

What are the Advantages of Albion's Dual Wheels?
- Higher load ratings with low overall heights
- Better product stability for safer footprint
- Maintain higher load ratings with softer wheel options – providing added floor and equipment protection

615 Series
Capacity to 9500 ..... **72**

315 Series
Capacity to 4100 ..... **74**

415 Series
Capacity to 5400 ..... **73**

115 Series
Capacity to 2000 ..... **75**

615 Kingpinless Dual Wheel Casters

CAPACITY TO 9500

Made in the USA

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

615 Series are dual versions of our popular 610 Kingpinless Series, with the addition of a third full leg for even greater durability. These remarkably durable dual wheel series provide easy turning and a sturdy footprint you can rely on.

FEATURES

- **Dual Wheel:** 615 series is similar to 610 Series, but adds a wheel and a fork leg for extra strength
- **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:** 3" tread width wheels feature a 3/4" axle, 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

ACCESSORIES

PLB Integrated
specify **PLB**

Poly Cam Integrated Brake
specify **P**

Hand operated field installable **swivel lock** order **SL6000000** separately

Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are ½" from floor.

BEARING OPTIONS

Straight Roller (01)

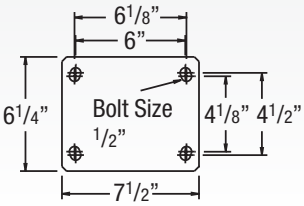
Tapered Roller (09)

Precision Ball (28)

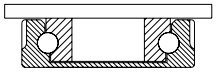
TYPICAL APPLICATIONS

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

MOUNTING OPTION



SWIVEL CROSS SECTION



WHEEL SELECTION

PY/PH
Polyurethane on Cast Iron Core

PF
Polyurethane on Heavy Duty Cast Iron Core

FS
Drop Forged

NX
Trionix™ High Impact Polymer

TM
Phenolic

TL
Laiminated Phenolic

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Caster Number Roller Bearing (01), Precision Ball (28)	Base Caster Number Tapered Roller Bearing (09)
615 Kingpinless Dual Wheel							
6	3	9500	9	1 3/4	Trionix™ High Impact Polymer	615NX06528S	
6	3	6600	9	1 3/4	Polyurethane on Heavy Duty Cast Iron	615PF06528S	
6	3	9500	9	1 3/4	Drop Forged	615FS06501S	615FS06509S
8	3	9500	11	2 1/4	Laminated Phenolic		615TL08509S
8	3	5040	11	2 1/4	Polyurethane on Cast Iron	615PH08501S	615PY08509S
8	3	9500	11	2 1/4	Trionix™ High Impact Polymer	615NX08528S	
8	3	8000	11	2 1/4	Polyurethane on Heavy Duty Cast Iron	615PF08528S	
8	4	7000	11	2 1/4	Polyurethane on Cast Iron	615PY08701S	615PY08709S
10	3	9500	13	2 3/4	Laminated Phenolic		615TL10509S
10	3	6000	13	2 3/4	Polyurethane/Iron	615PH10501S	615PY10509S
10	3	9500	13	2 3/4	Trionix™ High Impact Polymer	615NX10528S	
10	3	8400	13	2 3/4	Polyurethane on Heavy Duty Cast Iron	615PF10528S	
10	3	9500	13	2 3/4	Drop Forged	615FH10501S	615FH10509S
10	4	9500	13	2 3/4	Drop Forged		615FH10709S
10	4	8400	13	2 3/4	Polyurethane on Cast Iron	615PY10701S	615PY10709S
10	5	9500	13	2 3/4	Polyurethane on Cast Iron	615PY10801S	615PY10809S
12	3	6840	15 1/2	3 5/8	Polyurethane on Cast Iron	615PH12501S	615PY12509S
12	3	8800	15 1/2	3 5/8	Polyurethane on Heavy Duty Cast Iron	615PF12528S	
12	3	9500	15 1/2	3 5/8	Trionix™ High Impact Polymer	615NX12528S	
12	4	9600	15 1/2	3 5/8	Polyurethane on Cast Iron	615PY12701S	615PY12709S
12	5	9500	15 1/2	3 5/8	Polyurethane on Cast Iron		615PY12809S

See 610 Series section for wheel appearance and descriptions.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

415 Kingpinless Dual Wheel Casters

CAPACITY TO 5400

Made in the USA

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

The 415 Series are dual wheel versions of our popular 410 Kingpinless Series, with the addition of a third full lefor even greater durability. These remarkably durable dual wheel series provide easy turning and a sturdy footprint you can rely on.

FEATURES

- **Dual Wheel:** 415 series is similar to 410 Series, but adds a wheel and a fork leg for extra strength
- Laser-cut steel rigs and many wheels now **Made in the USA**
- **3 Year** warranty
- See 410 series for features and mounting options
- **Top Plate:** 3/8" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- Alternate or custom caster configurations available

ACCESSORIES

PLB Integrated specify **PLB**

Poly Cam Integrated Brake specify **P**

Hand operated field installable **swivel lock** order **SL4000000** separately

Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are ½" from floor.

BEARING OPTIONS

Straight Roller (01)

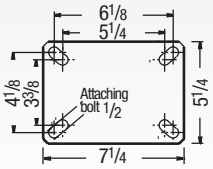
Tapered Roller (09)

Precision Ball (28)

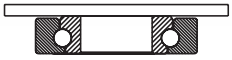
TYPICAL APPLICATIONS

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

MOUNTING OPTION



SWIVEL CROSS SECTION



WHEEL SELECTION

PY Polyurethane on Cast Iron Core

PF Polyurethane on Heavy Duty Cast Iron Core

CA Cast Iron

NX Trionix™ High Impact Polymer

TM Phenolic

MR Moldon Rubber on Cast Iron Core

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Swivel Caster Number Roller Bearing (01), Precision Ball (28)	Base Swivel Caster Number Tapered Roller Bearing (09)
415 Kingpinless Dual Wheel							
6	3	4000	8	2 1/4	Phenolic	415TM06501S	415TM06509S
6	3	4080	8	2 1/4	Polyurethane on Cast Iron	415PY06501S	415PY06509S
6	3	5400	8	2 1/4	Cast Iron	415CA06501S	415CA06509S
6	3	5400	8	2 1/4	Trionix™ High Impact Polymer	415NX06528S	
6	3	5400	8	2 1/4	Polyurethane on Heavy Duty Cast Iron	415PF06528S	
8	3	1800	10 1/2	2 3/4	Mold-on Rubber on Cast Iron	415MR08501S	415MR08509S
8	3	5000	10 1/2	2 3/4	Polyurethane on Cast Iron	415PY08501S	415PY08509S
8	3	5400	10 1/2	2 3/4	Polyurethane on Heavy Duty Cast Iron	415PF08528S	
8	3	5000	10 1/2	2 3/4	Phenolic	415TM08501S	415TM08509S
8	3	5400	10 1/2	2 3/4	Cast Iron	415CA08501S	415CA08509S
8	3	5400	10 1/2	2 3/4	Trionix™ High Impact Polymer	415NX08528S	
10	3	2000	12 1/2	3 3/8	Mold-on Rubber on Iron	415MR10501S	415MR10509S
10	3	5400	12 1/2	3 3/8	Polyurethane on Cast Iron	415PY10501S	415PY10509S
10	3	5400	12 1/2	3 3/8	Polyurethane on Heavy Duty Cast Iron	415PF10528S	
10	3	5400	12 1/2	3 3/8	Phenolic	415TM10501S	415TM10509S
10	3	5400	12 1/2	3 3/8	Cast Iron	415CA10501S	415CA10509S
10	3	5400	12 1/2	3 3/8	Trionix™ High Impact Polymer	415NX10528S	
12	3	5400	15 1/2	4 1/8	Polyurethane on Cast Iron	415PY12501S	415PY12509S
12	3	5400	15 1/2	4 1/8	Polyurethane on Heavy Duty Cast Iron	415PF12528S	
12	3	5400	15 1/2	4 1/8	Phenolic	415TM12501S	415TM12509S
12	3	5400	15 1/2	4 1/8	Cast Iron	415CA12501S	415CA12509S
12	3	5400	15 1/2	4 1/8	Trionix™ High Impact Polymer	415NX12528S	

See 410 Series section for wheel appearance and descriptions.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

315 Kingpinless Dual Wheel Casters

CAPACITY TO 4100

Made in the USA

The 315 Series is a dual wheel version of our popular 310 Kingpinless Series, with the addition of a third full leg for even greater durability. This remarkably durable dual wheel series provides easy turning and a sturdy footprint you can rely on.

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

FEATURES

- **Dual Wheel:** 315 series is similar to 310 Series, but adds a wheel and a fork leg for extra strength
- Laser-cut steel rigs and many wheels now **Made in the USA**
- **3 Year** warranty
- **Top Plate:** 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined race-way. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 1/2" diameter axle for 6" and 8" models, 3/4" diameter axle for 10" and 12" models
- **Finish:** RoHS Zinc plating, for greater corrosion resistance than paint
- See 310 Series section for features and mounting options.
- Alternate or custom caster configurations available

ACCESSORIES

PLB Integrated specify **PLB**

Poly Cam Integrated Brake specify **P**

Hand operated field installable **swivel lock** order **SL3000000** separately

Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are ½" from floor.

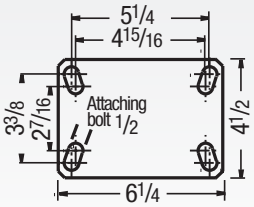
BEARING OPTIONS

Straight Roller (01)

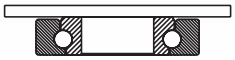
Tapered Roller (09)

Precision Ball (28)

MOUNTING OPTION



SWIVEL CROSS SECTION



WHEEL SELECTION

CG-MAX Orange or Maroon Maximum Efficiency Wheels

PM Polyurethane Round Tread on Aluminum Core (Green)

PM80A Polyurethane Round Tread on Aluminum Core (Butterscotch)

PD Polyurethane on Aluminum Core

PY Polyurethane on Cast Iron Core

PF Polyurethane on Heavy Duty Cast Iron Core

NX Trionix™ High Impact Polymer

TM Phenolic

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Swivel Caster Number Roller Bearing (01, 09)	Base Swivel Caster Number Precision Ball Bearing (28)
315 Kingpinless Dual Wheel							
6	2	2500	8	1 9/16	CG-MAX Polyurethane (Marooon)		315AX06228S
6	2	2500	8	1 9/16	CG-MAX Polyurethane (Orange)		315AN06228S
6	2	2400	8	1 9/16	Phenolic	315TM06201S	
6	2	2500	8	1 9/16	Round Tread Polyurethane on Alu. (Green)		315PM06228S
6	2	2500	8	1 9/16	Round Tread Polyurethane on Alu. (Butsc.)		315PM06228S80A
6	2	2460	8	1 9/16	Polyurethane on Aluminum	315PD06201S	
6	2	4000	8	1 9/16	Polyurethane on Heavy Duty Cast Iron		315PF06228S
6	2	4100	8	1 9/16	Trionix™ High Impact Polymer		315NX06228S
6	3	4000	8	1 9/16	Phenolic	315TM06501S	
6	3	4100	8	1 9/16	Polyurethane on Heavy Duty Cast Iron		315PF06528S
6	3	4100	8	1 9/16	Trionix™ High Impact Polymer		315NX06528S
8	2	3000	10 1/8	2 1/8	CG-MAX Polyurethane (Marooon)		315AX08228S
8	2	3000	10 1/8	2 1/8	CG-MAX Polyurethane (Orange)		315AN08228S
8	2	2800	10 1/8	2 1/8	Phenolic	315TM08201S	
8	2	3000	10 1/8	2 1/8	Round Tread Polyurethane on Alu. (Green)		315PM08228S
8	2	3000	10 1/8	2 1/8	Round Tread Polyurethane on Alu. (Butsc.)		315PM08228S80A
8	2	3000	10 1/8	2 1/8	Polyurethane on Aluminum	315PD08201S	
8	2	4100	10 1/8	2 1/8	Polyurethane on Heavy Duty Cast Iron		315PF08228S
8	2	4100	10 1/8	2 1/8	Trionix™ High Impact Polymer		315NX08228S
8	3	4100	10 1/8	2 1/8	Phenolic	315TM08501S	
8	3	4100	10 1/8	2 1/8	Polyurethane on Aluminum	315PD08501S	
8	3	4100	10 1/8	2 1/8	Polyurethane on Heavy Duty Cast Iron		315PF08528S
8	3	4100	10 1/8	2 1/8	Trionix™ High Impact Polymer		315NX08528S
10	2	4000	12	2 1/4	CG-MAX Polyurethane (Marooon)		315AX10228S
10	2	4000	12	2 1/4	CG-MAX Polyurethane (Orange)		315AN10228S
10	3	4000	12	2 1/4	Phenolic	315TM10501S	
10	3	4100	12	2 1/4	Polyurethane on Cast Iron	315PY10501S	
10	3	4100	12	2 1/4	Polyurethane on Heavy Duty Cast Iron		315PF10528S
10	3	4100	12	2 1/4	Trionix™ High Impact Polymer		315NX10528S
12	3	4100	14	2 11/16	Phenolic	315TM12501S	
12	3	4100	14	2 11/16	Polyurethane on Cast Iron	315PY12501S	
12	3	4100	14	2 11/16	Polyurethane on Heavy Duty Cast Iron		315PF12528S
12	3	4100	14	2 11/16	Trionix™ High Impact Polymer		315NX12528S

See 310 Series section for wheel appearance and descriptions.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

115 Kingpinless Dual Wheel Casters

CAPACITY TO 2000

ALBION 3 YEAR WARRANTY

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

The 115 Series is a dual wheel version of our popular 110 Kingpinless Series, with the addition of a third full leg for even greater durability. This remarkably durable dual wheel series provides easy turning and a sturdy footprint you can rely on.

FEATURES

- **Dual Wheel:** 115 series is similar to 110 Series, but adds a wheel and a fork leg for extra strength
- **3 Year** warranty
- **Top Plate:** 5/16" AISI 1045 steel welded and heat treated for longer life
- **Yoke Base:** Notched AISI 1045 steel with extra leg for greater durability.
- **Swivel Section:** One row of 3/8" ball bearings mounted in a **heat treated** precision machined raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on precision ball models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BEARING OPTIONS

Precision Ball (28)

Pedestal Precision (29)

RIG OPTIONS

- **Optional swivel leads** of 2-1/4" for 8" casters. To order, add **X** to end of model number. Consult factory for specification support, as load capacities may reduce based on application or equipment design.

ACCESSORIES

PLB Integrated Brake specify (6" & 8" diameter models only) **PLB**

Poly Cam Integrated Brake specify **P**

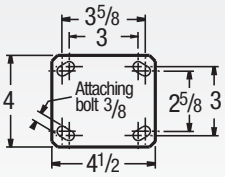
Add **TO** to end of Caster Number to specify integrated toe guard. Standard model toe guards are ½" from floor

Hand operated field installable **swivel lock** order **SL16000013A** separately

TYPICAL APPLICATIONS

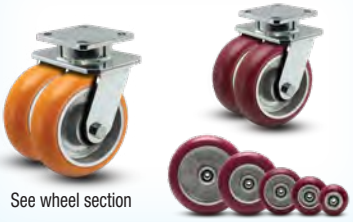
- Dollies
- Dough troughs
- Platform trucks
- Tow line
- Utility carts
- Tooling fixtures
- Scrap metal carriers

MOUNTING OPTIONS
Standard Plate



SWIVEL CROSS SECTION

Drive lasting results with
CG-MAX EFFICIENCY WHEEL™



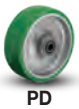
See wheel section

WHEEL SELECTION

CG-MAX Orange or Maroon Maximum Efficiency Wheels

PM Polyurethane Round Tread on Aluminum Core (Green)

PM80A Polyurethane Round Tread on Aluminum Core (Butterscotch)



PD Polyurethane on Aluminum Core

PF Polyurethane on Heavy Duty Cast Iron Core

NX Trionix™ High Impact Polymer

TM Phenolic

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Swivel Caster Number Precision Ball (28)	Base Swivel Caster Number Pedestal Precision Ball (29)
115 Kingpinless Dual Wheel							
4	2	1600	5 11/16	1 3/16	CG-MAX Polyurethane (Maroon)	115AX04228S	
4	2	1600	5 3/4	1 3/16	CG-MAX Polyurethane (Orange)	115AN04228S	
4	2	1600	5 3/4	1 3/16	Phenolic		115TM04229S
4	2	1400	5 3/4	1 3/16	Polyurethane on Aluminum		115PD04229S
4	2	2000	5 3/4	1 3/16	Trionix™ High Impact Polymer	115NX04228S	
5	2	2000	6 3/4	1 1/2	CG-MAX Polyurethane (Maroon)	115AX05228S	
5	2	2000	6 3/4	1 1/2	CG-MAX Polyurethane (Orange)	115AN05228S	
5	2	2000	6 3/4	1 1/2	Round Polyurethane on Alum. (Green)	115PM05228S	
5	2	2000	6 3/4	1 1/2	Round Polyurethane on Al. (Butterscotch)	115PM05228S80A	
5	2	2000	6 3/4	1 1/2	Polyurethane on Aluminum		115PD05229S
5	2	2000	6 3/4	1 1/2	Phenolic		115TM05229S
5	2	2000	6 3/4	1 1/2	Trionix™ High Impact Polymer	115NX05228S	
6	2	2000	7 3/4	1 9/16	CG-MAX Polyurethane (Maroon)	115AX06228S	
6	2	2000	7 3/4	1 9/16	CG-MAX Polyurethane (Orange)	115AN06228S	
6	2	2000	7 3/4	1 9/16	Round Polyurethane on Alum. (Green)	115PM06228S	
6	2	2000	7 3/4	1 9/16	Round Polyurethane on Al. (Butterscotch)	115PM06228S80A	
6	2	2000	7 3/4	1 9/16	Polyurethane on Aluminum		115PD06229S
6	2	2000	7 3/4	1 9/16	Polyurethane on Heavy Duty Cast Iron	115PF06228S	
6	2	2000	7 3/4	1 9/16	Phenolic		115TM06229S
6	2	2000	7 3/4	1 9/16	Trionix™ High Impact Polymer	115NX06228S	
8	2	2000	10 1/8	2 1/4	CG-MAX Polyurethane (Maroon)	115AX08228S	
8	2	2000	10 1/8	2 1/4	CG-MAX Polyurethane (Orange)	115AN08228S	
8	2	2000	10 1/8	2 1/4	Round Polyurethane on Alum. (Green)	115PM08228S	
8	2	2000	10 1/8	2 1/4	Round Polyurethane on Al. (Butterscotch)	115PM08228S80A	
8	2	2000	10 1/8	2 1/4	Polyurethane on Aluminum		115PD08229S
8	2	2000	10 1/8	2 1/4	Polyurethane on Heavy Duty Cast Iron	115PF08228S	
8	2	2000	10 1/8	2 1/4	Phenolic		115TM08229S
8	2	2000	10 1/8	2 1/4	Trionix™ High Impact Polymer	115NX08228S	

See 110 Series section for wheel appearance and descriptions.

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

HEAVY DUTY FORGED KINGPINLESS DUAL
CAPACITY RANGE 7700-30000 LBS

850 Series
When Failure is Not an Option.

Common Applications:
- Tool Carts
- Group Support Equipment
- Storage Racks
- Low Profile Carts
- Platforms
- Custom Material Handling
- Towable Transportation Equipment
- Workstations/Packaging

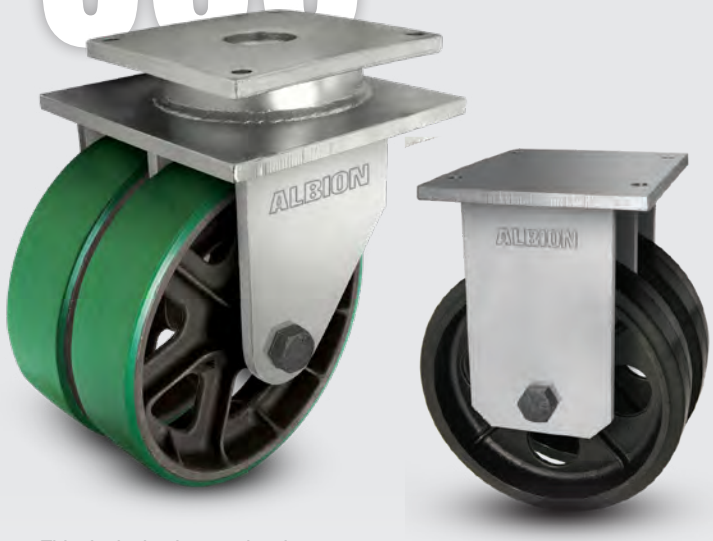
What are the Advantages of Albion's Dual Wheels?
- Higher load ratings with low overall heights
- Better product stability for safer footprint
- Maintain higher load ratings with softer wheel options – providing added floor and equipment protection

850 Series **Page**
Capacity to 30000 ..... **77**

750 Series **Page**
Capacity to 20000 ..... **78**

850 Shockmaster Kingpinless Dual Wheel Casters

CAPACITY TO 30000



Premium Quality

Environmentally Friendly (Consult factory)

Towing^

This dual wheel caster has been designed with features tailored to meet the varied needs of the aviation ground support equipment industry. 850 Series are equally at home in many other extremely abusive and rugged applications.

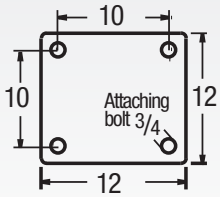
TYPICAL APPLICATIONS

- Custom applications
- Towable transportation equipment
- Aircraft wing jacks and dollies
- Aircraft assembly fixtures
- Aircraft work platform stands

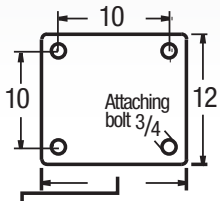
SWIVEL CROSS SECTION

MOUNTING OPTION

Swivel Top Plate



Rigid Top Plate



- **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

FEATURES

- **Top Plate:** 3/4" thick AISI 1045 steel one-piece forging precision machined and 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 steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

BEARING OPTIONS

Tapered Roller (09)

RIG OPTIONS

- Notched yoke base for swivel locks specify **NY850**
- Spring-loaded models available, consult factory. Single models available also

ACCESSORIES

Poly Cam Integrated Brake specify **P**

Face Contact brake specify **F**

Hand operated field installable **swivel lock** order **SL8000000** separately with notched yoke option NY850

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Swivel Caster Number Roller Bearing (01), Tapered Roller Bearing (09)
850 Shockmaster Kingpinless Dual Wheel						
6	3	30000	11	3 1/4	HD Drop Forged	**850FH06509S**
10	4	30000	14 3/4	3 1/4	HD Drop Forged	**850FH10709S**
12	4	9600	15 3/4	3 1/4	Polyurethane/Iron Core	**850PY12709S**
12	4	10560	15 3/4	3 1/4	Thick Tread Polyurethane	**850PX12709S**
12	5	13200	15 3/4	3 1/4	Thick Tread Polyurethane	**850PX12809S**
12	6	15000	15 3/4	3 1/4	Polyurethane/Aluminum	**850PA12909S**
16	4	11940	19 3/4	4 1/2	Polyurethane/Iron Core	**850PY16709S**
16	5	15400	19 3/4	4 1/2	Polyurethane/Iron Core	**850PY16809S**
18	5	16800	22	5 1/4	Polyurethane/Iron Core	**850PY18809S**
18	5	10340	22	4 1/2	Press-on Polyurethane	**850OG18809S**
18	9	20000	22	4 1/2	Press-on Polyurethane	**850OG18909S**

WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!

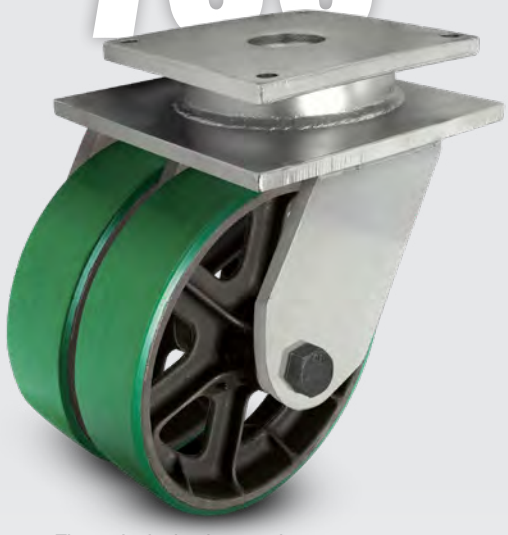
^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

750

Shockmaster Kingpinless Dual Wheel Casters

CAPACITY TO 20000

Updated!



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

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

FEATURES

- **Dual Wheel:** 750 series is similar to 700 Series, but adds a wheel and a fork leg for extra strength
- **Top Plate:** 1/2" thick AISI 1045 steel one-piece forging precision machined and for long life
- **Swivel Section:** 3/4" ball bearings mounted in a 7" diameter precision machined raceway. Zerk in swivel section
- **Legs:** 1/2" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 1-1/4" diameter
- Alternate or custom caster configurations available

RIG OPTIONS

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

ACCESSORIES

Poly Cam brake specify **P**

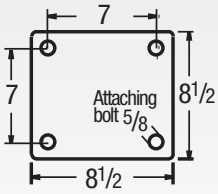
Face Contact brake specify **F**

BEARING OPTIONS

Tapered Roller (09)

Hand operated field installable **swivel lock** order **SL7000000** separately with notched yoke option NY700

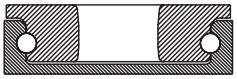
MOUNTING OPTION



TYPICAL APPLICATIONS

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

SWIVEL CROSS SECTION



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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Wheel Type	Base Swivel Caster Number Roller Bearing (01), Tapered Roller Bearing (09)
850 Shockmaster Kingpinless Dual Wheel						
8	4	20000	11 1/2	2 1/4	Forged Steel	750FS08709S
8	4	20000	11 1/2	2 1/4	HD Drop Forged	750FH08709S
8	4	7600	11 1/2	2 1/4	Polyurethane/Iron Core	750PY08709S
8	4	7700	11 1/2	2 1/4	Thick Tread Polyurethane	750PX08709S
8	4	20000	11 1/2	2 1/4	Drop Forged V-Groove	750VF08709S
8	4	20000	11 1/2	2 1/4	Drop Forged V-Groove (HD)	750VH08709S
10	4	20000	13 1/2	2 1/2	Forged Steel	750FS10709S
10	4	20000	13 1/2	2 1/2	HD Drop Forged	750FH10709S
10	4	8400	13 1/2	2 1/2	Polyurethane/Iron Core	750PY10709S
10	4	9240	13 1/2	2 1/2	Thick Tread Polyurethane	750PX10709S
10	4	20000	13 1/2	2 1/2	Drop Forged V-Groove	750VF10709S
10	4	20000	13 1/2	2 1/2	Drop Forged V-Groove (HD)	750VH10709S
10	5	10000	13 3/4	2 3/4	Polyurethane/Iron Core	750PY10809S
10	5	11000	13 3/4	2 3/4	Thick Tread Polyurethane	750PX10809S
12	4	9600	15 1/2	3 1/4	Polyurethane/Iron Core	750PY12709S
12	4	10560	15 1/2	3 1/4	Thick Tread Polyurethane	750PX12709S
12	5	12000	15 3/4	3 1/4	Polyurethane/Iron Core	750PY12809S
12	5	13200	15 3/4	3 1/4	Thick Tread Polyurethane	750PX12809S

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

HEAVY DUTY KINGPIN DUAL
CAPACITY RANGE 700-20000 LBS

298 Series
Before you fly, you have to roll

Common Applications:
- Tool Carts
- Group Support Equipment
- Storage Racks
- Low Profile Carts
- Platforms
- Custom Material Handling
- Towable Transportation Equipment
- Workstations/Packaging

What are the Advantages of Albion's Dual Wheels?
- Higher load ratings with low overall heights
- Better product stability for safer footprint
- Maintain higher load ratings with softer wheel options – providing added floor and equipment protection

298 Series
Capacity up to 20000..... **80**

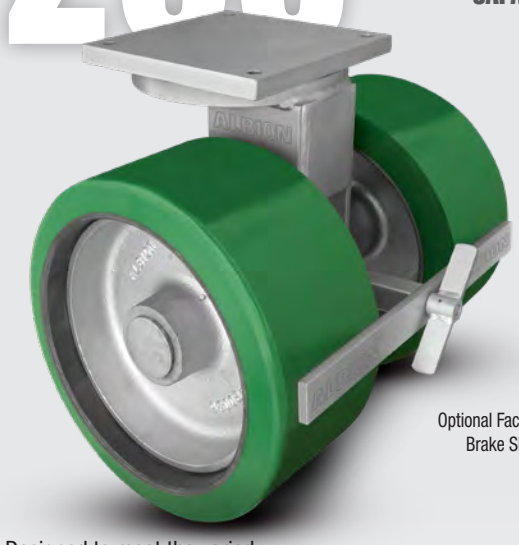
290 Series
Capacity to 3500 ..... **82**

295 Series
Capacity to 17000 ..... **81**

281 Series
Capacity to 2000 ..... **83**

298 Aviation Ground Equipment Casters

CAPACITY TO 20000



Optional Face Contact Brake Shown

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

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; please consult factory. The swivel lock and face contact brake are field installable.

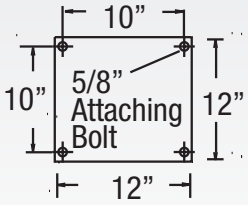
FEATURES

- **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

RIG 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**

MOUNTING OPTION



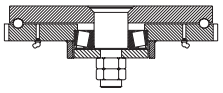
BEARING OPTIONS

Tapered Roller (09)

TYPICAL APPLICATIONS

- Aviation work stands
- Hangar doors
- Fuel cell transport

SWIVEL CROSS SECTION



WHEN FAILURE IS NOT AN OPTION...

The preferred caster for the aviation and group support industry – able to handle your most abusive application!

Base Swivel Caster Number In Chart
For rigid models change "S" to "R" at end of base 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
Press-on Polyurethane							
OG	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**

Standard Bearing: Tapered Ball (**09**).

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

295 Standard Kingpin Dual Wheel Casters

CAPACITY TO 17000

295 Series is 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.

Premium Quality

Environmentally Friendly (Consult factory)

FEATURES

- **Dual Wheel:** 295 series is similar to 95 Series models, but adds a wheel and a fork leg for extra strength
- **Top Plate and Yoke Base:** 5/8" thick AISI 1045 drop-forged steel for extended life
- **Swivel Load Bearings:** Choice of heavy duty 295 Bal Load Swivel or higher capacity 295 Tapered Thrust swivel sections for smooth swivel 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

ACCESSORIES

Poly Cam brake specify **P**

Face Contact brake specify **F**

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

BEARING OPTIONS

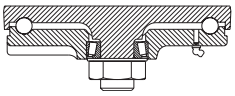
Straight Roller (01)

Tapered Roller (09)

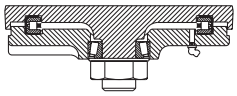
TYPICAL APPLICATIONS

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

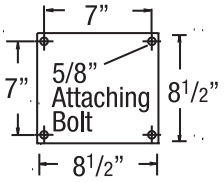
BBL SWIVEL CROSS SECTION



TRL SWIVEL CROSS SECTION



MOUNTING OPTIONS



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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Wheel Type	Base Swivel Caster Number Roller Bearing (01)	Base Swivel Caster Number Tapered Roller Bearing (09)
295BBL Series (Ball Load Swivel Section) Capacity up to 8,000 lbs.								
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 on Cast Iron Core	295PY08501SBBL	295PY08509SBBL
8	3	5040	11	2 1/2	78	Polyurethane on Cast Iron Core	295PH08501SBBL	295PY08509SBBL
8	4	7000	11	2 1/2	91	Polyurethane on Cast Iron Core	295PY08701SBBL	295PY08709SBBL
10	3	5800	13	2 1/2	64	Laminated Phenolic		295TL10509SBBL
10	3	6000	13	2 1/2	87	Polyurethane on Cast Iron Core	295PY10501SBBL	295PY10509SBBL
10	3	8000	13	2 3/4	120	Drop Forged	295FH10501SBBL	295FH10509SBBL
10	4	8000	13	2 3/4	136	Drop Forged		295FH10709SBBL
10	4	8000	13	2 3/4	104	Polyurethane on Cast Iron Core	295PY10701SBBL	295PY10709SBBL
10	5	8000	13	2 3/4	127	Polyurethane on Cast Iron Core	295PY10801SBBL	295PY10809SBBL
12	3	6840	15 1/2	2 1/2	105	Polyurethane/Iron	295PH12501SBBL	295PY12509SBBL
12	4	8000	15 1/2	2 1/2	114	Polyurethane on Cast Iron Core	295PY12701SBBL	295PY12709SBBL
12	5	8000	15 1/2	2 1/2	141	Polyurethane on Cast Iron Core		295PY12809SBBL
295TRL Series (Precision Tapered Roller Bearing Swivel Section) Capacity up to 17,000 lbs.								
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	5200	11	2 1/2	78	Polyurethane on Cast Iron Core	295PY08501STRL	295PY08509STRL
8	4	7000	11	2 1/2	91	Polyurethane on Cast Iron Core	295PY08701STRL	295PY08709STRL
10	3	5800	13	2 1/2	64	Laminated Phenolic		295TL10509STRL
10	3	6000	13	2 1/2	87	Polyurethane on Cast Iron Core	295PY10501STRL	295PY10509STRL
10	3	17000	13	2 3/4	120	Drop Forged	295FH10501STRL	295FH10509STRL
10	4	8400	13	2 3/4	10	Polyurethane on Cast Iron Core	295PY10701STRL	295PY10709STRL
10	4	17000	13	2 3/4	136	Drop Forged		295FH10709STRL
10	5	10000	13	2 3/4	127	Polyurethane on Cast Iron Core	295PY10801STRL	295PY10809STRL
12	3	6840	15 1/2	2 1/2	105	Polyurethane on Cast Iron Core	295PH12501STRL	295PY12509STRL
12	4	9600	15 1/2	2 1/2	114	Polyurethane on Cast Iron Core	295PY12701STRL	295PY12709STRL
12	5	12000	15 1/2	2 1/2	141	Polyurethane on Cast Iron Core		295PY12809STRL

290 Standard Kingpin Dual Wheel Casters

CAPACITY TO 3500

Premium Quality

Environmentally Friendly (Consult factory)

These series are 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

- **Dual Wheel:** 290 series is similar to 90 Series models, but adds a wheel and a fork leg for extra strength
- **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

Straight Roller (05)

ACCESSORIES

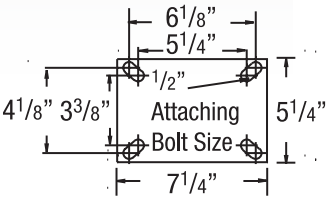
Poly Cam brake specify **P**

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

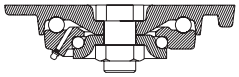
TYPICAL APPLICATIONS

- 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

MOUNTING OPTIONS



SWIVEL CROSS SECTION



WHEEL SELECTION

PY Polyurethane on Cast Iron Core

CA Cast Iron

TM Phenolic

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Wheel Type	Base Swivel Caster Number Straight Roller Bearing (05)
290 Standard Kingpin Dual Wheel							
6	2 1/2	1080	8	2 1/4	36 1/2	Mold-on Rubber on Iron Core	290MR06405S
6	2 1/2	3200	8	2 1/4	26 1/4	Phenolic	290TM06405S
6	2 1/2	3240	8	2 1/4	38	Polyurethane/Iron	290PY06405S
6	2 1/2	3500	8	2 1/4	37	Cast Iron	290CA06405S
8	2 1/2	1340	10 1/2	2 1/2	37 3/4	Mold-on Rubber/Iron	290MR08405S
8	2 1/2	3500	10 1/2	2 1/2	30 1/4	Polyurethane/Iron	290PY08405S
8	2 1/2	3500	10 1/2	2 1/2	42 3/4	Phenolic	290TM08405S
8	2 1/2	3500	10 1/2	2 1/2	44 1/2	Cast Iron	290CA08405S
10	2 1/2	1580	12 1/2	2 1/2	45	Mold-on Rubber/Iron	290MR10405S
10	2 1/2	3500	12 1/2	2 1/2	52 1/4	Polyurethane/Iron	290PY10405S
10	2 1/2	3500	12 1/2	2 1/2	34 1/2	Phenolic	290TM10405S
10	2 1/2	3500	12 1/2	2 1/2	53 1/4	Cast Iron	290CA10405S

281 Standard Kingpin Dual Wheel Casters

CAPACITY TO 2000

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.

Premium Quality

Environmentally Friendly (Consult factory)

FEATURES

- **Dual Wheel:** 281 series is similar to 81 Series models, but adds a wheel and a fork leg for extra strength
- **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

Straight Roller (01)

Precision Ball (28)

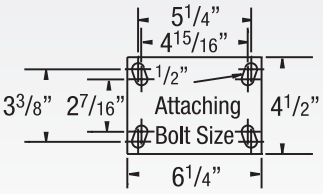
ACCESSORIES

Poly Cam brake specify **P**

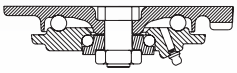
Hand Operated **Swivel Lock** specify **L**

TYPICAL APPLICATIONS

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



SWIVEL CROSS SECTION



WHEEL SELECTION

PF Polyurethane on Heavy Duty Cast Iron Core

PD Polyurethane on Aluminum Core

CA Cast Iron

NX Trionix™ High Impact Polymer

TM Phenolic

XS Perfomra Flat Tread

MR Moldon Rubber on Cast Iron Core

MD Moldon Rubber on Aluminum Core

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Wheel Type	Base Swivel Caster Number Roller Bearing (01), Precision Ball (28)
281 Standard Kingpin Dual Wheel							
4	2	700	5 1/2	2 1/4	10 1/2	Mold-on Rubber on Aluminum Core	281MD04201S
4	2	700	5 1/2	2 1/4	10 3/4	Mold-on Rubber on Iron Core	281MR04201S
4	2	700	5 1/2	2 1/4	10 3/4	Performa Flat Tread	281XS04201S
4	2	1400	5 1/2	2 1/4	14	Cast Iron	281CA04201S
4	2	1600	5 1/2	2 1/4	10 1/4	Phenolic	281TM04201S
4	2	1400	5 1/2	2 1/4	10 1/2	Polyurethane on Aluminum Core	281PD04201S
4	2	2000	5 1/2	2 1/4		Trionix™ High Impact Polymer	281NX04228S
5	2	750	6 1/2	2 1/4	11 1/2	Performa Flat Tread	281XS05201S
5	2	800	6 1/2	2 1/4	11 1/2	Mold-on Rubber on Iron Core	281MR05201S
5	2	2000	6 1/2	2 1/4	18	Cast Iron	281CA05201S
5	2	2000	6 1/2	2 1/4	11 1/4	Phenolic	281TM05201S
5	2	2000	6 1/2	2 1/4	10 3/4	Polyurethane on Aluminum Core	281PD05201S
5	2	2000	6 1/2	2 1/4	10 3/4	Round Tread Polyurethane on Aluminum	281PM05228S
5	2	2000	6 1/2	2 1/4		Trionix™ High Impact Polymer	281NX05228S
6	2	820	7 1/2	2 1/4	12	Mold-on Rubber on Iron Core	281MR06201S
6	2	1200	7 1/2	2 1/4	10	Performa Rubber Flat Tread	281XS06201S
6	2	2000	7 1/2	2 1/4	20	Drop Forged	281FS06201S
6	2	2000	7 1/2	2 1/4	20 1/4	Cast Iron	281CA06201S
6	2	2000	7 1/2	2 1/4	11 3/4	Phenolic	281TM06201S
6	2	2000	7 1/2	2 1/4	13	Polyurethane on Aluminum Core	281PD06201S
6	2	2000	7 1/2	2 1/4	20	Round Tread Polyurethane on Aluminum	281PM06228S
6	2	2000	7 1/2	2 1/4	22	Polyurethane on Heavy Duty Cast Iron	281PF06228S
6	2	2000	7 1/2	2 1/4	15	Trionix™ High Impact Polymer	281NX06228S
8	2	1000	10 1/8	2 1/4	13 3/4	Mold-on Rubber on Iron Core	281MR08201S
8	2	1350	10 1/8	2 1/4	10 1/2	Performa Rubber Flat Tread	281XS08201S
8	2	2000	10 1/8	2 1/4	14 1/4	Cast Iron	281CA08201S
8	2	2000	10 1/8	2 1/4	16	Phenolic	281TM08201S
8	2	2000	10 1/8	2 1/4	25 1/4	Polyurethane on Aluminum Core	281PD08201S
8	2	2000	10 1/8	2 1/4	14	Round Tread Polyurethane on Aluminum	281PM08228S
8	2	2000	10 1/8	2 1/4	24	Polyurethane on Heavy Duty Cast Iron	281PF08228S
8	2	2000	10-1/8	2 1/4	16	Trionix™ High Impact Polymer	281NX08228S

See 81 Series section for wheel appearance and descriptions.

KINGPINLESS SPRING LOADED CASTERS
CAPACITY RANGE 500-3000 LBS

141 Series
Unique polyurethane spring design is durable and corrosion resistant.

Common Applications:

- Manufacturing Plant Carts
- Aerospace / Automotive
- Specialty Toolboxes
- Ground Support Equipment
- Technology Carts
- Portable Cranes & Hoists
- Mobile Workstations
- Monitoring Carts
- Laboratory Equipment

S610 Series
Capacity to 3000 ..... **85**

S310 Series
Capacity to 3000 ..... **87**

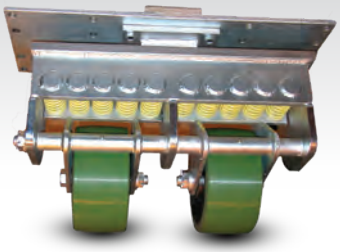
S410 Series
Capacity to 3000 ..... **86**

141 Series
Capacity to 1500 .....**88-89**

Benefits of Spring Loaded Casters:

- Better floor and equipment protection
- Reduce operating noise
- Reduce unwanted vibration
- Increase product life expectancy

Need Even More Capacity Or A Custom Configuration?



Excellent for Weight Carts
10,000 lbs load capacity!

You won't find this “bad boy” at just any caster source. Albion engineers and craftsmen can custom design and build a solution for even the most challenging applications.

S610 Spring Loaded Kingpinless Casters

CAPACITY TO 3000

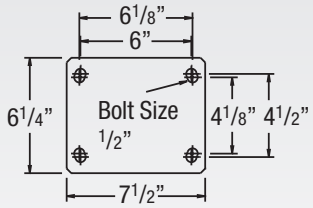
Premium Quality | Environmentally Friendly (Consult factory) | Towing^

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.

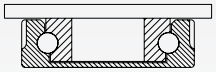
Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

MOUNTING OPTION



SWIVEL CROSS SECTION



FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 1/2" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** 3/4" ball bearings mounted in a 4-3/8" precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 heat treated steel
- **Legs:** 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- **Axle:** 2-1/2" and 3" tread width wheels feature a 3/4" axle, 3-1/2" and 4" tread width wheels feature a 1" axle
- Alternate or custom caster configurations available

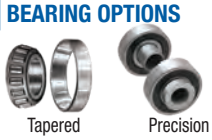
RIG OPTIONS

- For non-spring loaded versions, see 610 Series on pages 28-29
- S410 optional plates also available; consult factory

BRAKE OPTIONS

Consult factory

BEARING OPTIONS



Tapered Roller (09) | Precision Ball (28)

SWIVEL LOCK OPTIONS

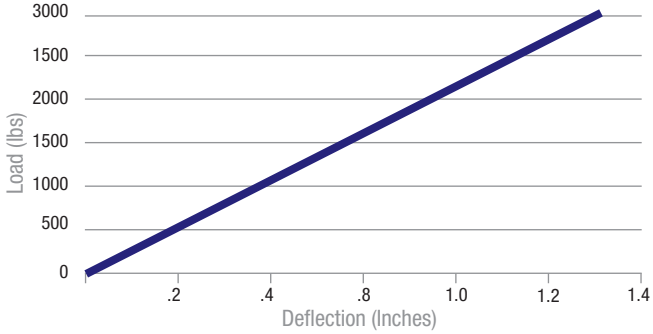
Hand operated field installable swivel lock order **SL600000** separately

TYPICAL APPLICATIONS

- Body dolly carts
- Engine dollies
- Material carts
- Chassis rack carts
- Paint line dollies
- Towed trash gondolas
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 3,000 lbs.



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

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

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

POLYURETHANE MODELS

Polyurethane on Cast Iron

PY

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	11 3/4	3 7/8	S610PY06509S
8	3	2000	12 3/4	4 1/2	S610PY08509S
10	3	2000	14 7/8	4 1/2	S610PY10509S
12	3	3000	16 7/8	5 5/16	S610PY12509S

95 Shore A

Standard Bearing: Tapered Roller (**09**).
Consult PY section for optional durometers/capacities.

Thick Tread Polyurethane on Iron

PX

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	11 3/4	3 7/8	S610PX06509S
8	3	2000	12 3/4	4 1/2	S610PX08509S
10	3	2000	14 7/8	4 1/2	S610PX10509S
12	3	3000	16 7/8	5 5/16	S610PX12509S

95 Shore A

Standard Bearing: Tapered Roller (**09**).
Consult PX section for optional durometers/capacities.

Yellow Polyurethane on Heavy Duty Cast Iron

PF

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	11 3/4	3 7/8	S610PF06528S
8	3	2000	12 3/4	4 1/2	S610PF08528S
10	3	2000	14 7/8	4 1/2	S610PF10528S
12	3	3000	16 7/8	5 5/16	S610PF12528S

95 Shore A

Standard Bearing: Roller (**28**).
Optional bearings: Tapered Roller (**09**); change **28** to **09**.

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

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

POLYURETHANE MODELS (CONTINUED)

Polyurethane Reactive on Iron

AZ

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	1800	11 3/4	3 7/8	S610AZ06528S
8	3	2000	12 3/4	4 1/2	S610AZ08528S
10	3	2000	14 7/8	4 1/2	S610AZ10528S
12	3	2400	16 7/8	5 5/16	S610AZ12528S

90 Shore A

Standard Bearing: Roller (**28**).

NYLON MODELS

Trionix™ High Impact Polymer

NX

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	11 3/4	3 7/8	S610NX06528S
8	3	2000	12 3/4	4 1/2	S610NX08528S
10	3	2000	14 7/8	4 1/2	S610NX10528S
12	3	3000	16 7/8	5 5/16	S610NX12528S

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

S410 Spring Loaded Kingpinless Casters

CAPACITY TO 3000

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 3/8" 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 heat treated steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

BRAKE OPTIONS

Consult factory

BEARING OPTIONS

Tapered Roller (09) | Precision Ball (28)

SWIVEL LOCK OPTIONS

Hand operated field installable swivel lock order **SL400000** separately

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.

Greater capacity and better shock protection. Noise levels are reduced through the dampening effect of these casters.

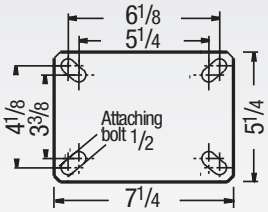
Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

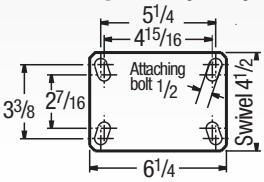
MOUNTING OPTIONS

Standard Plate

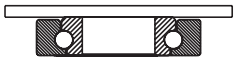


Special Order Plates

Optional (PATK)

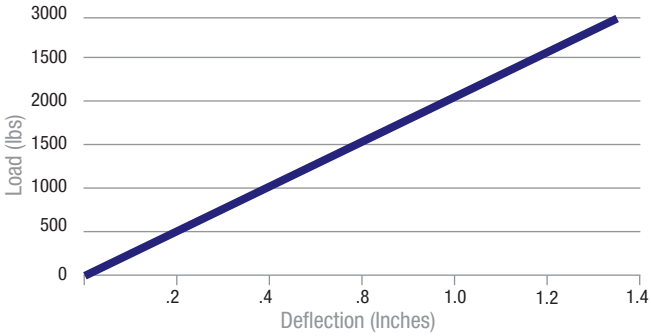


SWIVEL CROSS SECTION



SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 3,000 lbs.



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

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

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

POLYURETHANE MODELS

Polyurethane on Cast Iron

PY

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	10 7/8	3 7/16	S410PY06509S
8	3	2000	11 7/8	4 7/8	S410PY08509S
10	3	3000	14	4 7/8	S410PY10509S
12	3	3000	16	5 11/16	S410PY12509S

95 Shore A

Standard Bearing: Tapered Roller (**09**).

Consult PY section for optional durometers/capacities.

Thick Tread Polyurethane on Iron

PX

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	10 7/8	3 7/16	S410PX06509S
8	3	2000	11 7/8	4 7/8	S410PX08509S
10	3	2000	14	4 7/8	S410PX10509S
12	3	3000	16	5 11/16	S410PX12509S

95 Shore A

Standard Bearing: Tapered Roller (**09**).

Consult PX section for optional durometers/capacities.

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

PF

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	10 7/8	3 7/16	S410PF06528S
8	3	2000	11 7/8	4 7/8	S410PF08528S
10	3	2000	14	4 7/8	S410PF10528S
12	3	3000	16	5 11/16	S410PF12528S

95 Shore A

Standard Bearing: Roller (**28**).
Optional bearings: Tapered Roller (**09**); change **28** to **09**.

Polyurethane Reactive on Iron

AZ

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	1800	10 7/8	3 7/16	S410AZ06528S
8	3	2000	11 7/8	4 7/8	S410AZ08528S
10	3	2000	14	4 7/8	S410AZ10528S
12	3	2400	16	5 11/16	S410AZ12528S

90 Shore A

Standard Bearing: Roller (**28**).

NYLON MODELS

Trionix™ High Impact Polymer

NX

Wheel Diameter	Tread Width	Capacity	Overall Height	Swivel Lead	Base Caster Number
6	3	2000	10 7/8	3 7/16	S410NX06528S
8	3	2000	11 7/8	4 7/8	S410NX08528S
10	3	2000	14	4 7/8	S410NX10528S
12	3	3000	16	5 11/16	S410NX12528S

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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

S310 Spring Loaded Kingpinless Casters

CAPACITY TO 3000

Premium Quality | Environmentally Friendly (Consult factory) | Towing^

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.

Great capacity and shock protection. Noise levels are reduced through the dampening effect of these casters.

Capacities listed at 50% of wheel deflection (21/32"). Total wheel deflection is 1-5/16".

FEATURES

- **Load Springs:** Protect from damaging shocks and reduce noise levels through the dampening effect of the springs
- **Top Plate:** 5/16" 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 heat treated steel
- **Legs:** welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

RIG OPTIONS

- For non-spring loaded versions, see 310 Series on pages 32-33
- 310 Optional Plates also available, consult factory

BRAKE OPTIONS

Consult factory

BEARING OPTIONS

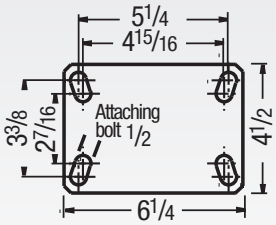
Tapered Roller (09) | Precision Ball (28)

SWIVEL LOCK OPTIONS

Hand operated field installable swivel lock order **SL300000** separately

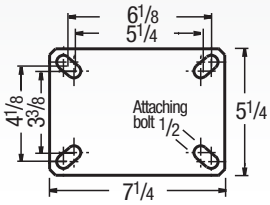
MOUNTING OPTIONS

Standard Plate

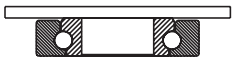


Special Order Plates

Optional (PATP)

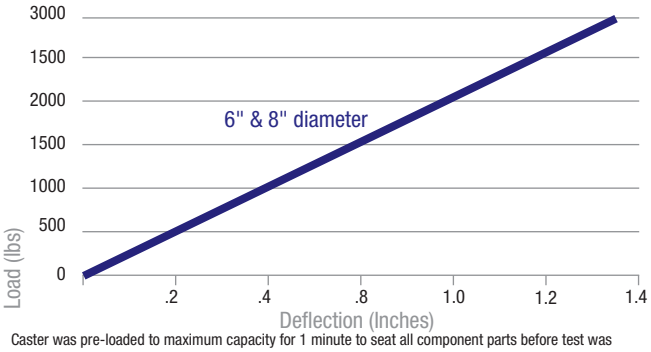


SWIVEL CROSS SECTION



SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 3,000 lbs.



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

TYPICAL APPLICATIONS

- Conveyor-drawn tow-trucks
- Heavy duty bakery racks
- Production dollies
- Heavy duty dough troughs
- Aviation Ground Support
- Aircraft Tripod Jacks
- Shock Sensitive Loads

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

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

POLYURETHANE MODELS

Polyurethane on Cast Iron

PY	6	3	2000	10 7/8	3 7/16	S310PY06509S
	8	3	2000	11 7/8	4 7/8	S310PY08509S
	10	3	2000	13 19/20	4 7/8	S310PY10509S
	12	3	3000	16	5 11/16	S310PY12509S

95 Shore A

Standard Bearing: Tapered Roller (**09**).
Consult PY section for optional durometers/capacities.

Thick Tread Polyurethane on Iron

PX	6	3	2000	10 7/8	3 7/16	S310PX06509S
	8	3	2000	11 7/8	4 7/8	S310PX08509S
	10	3	2000	13 19/20	4 7/8	S310PX10509S
	12	3	3000	16	5 11/16	S310PX12509S

95 Shore A

Standard Bearing: Tapered Roller (**09**).
Consult PX section for optional durometers/capacities.

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

PF	6	3	2000	10 7/8	3 7/16	S310PF06528S
	8	3	2000	11 7/8	4 7/8	S310PF08528S
	10	3	2000	13 19/20	4 7/8	S310PF10528S
	12	3	3000	16	5 11/16	S310PF12528S

Standard Bearing: Roller (**28**).
Optional bearings: Tapered Roller (**09**); change **28** to **09**.

Polyurethane Reactive on Iron

AZ	6	3	1800	10 7/8	3 7/16	S310AZ06528S
	8	3	2000	11 7/8	4 7/8	S310AZ08528S
	10	3	2000	13 19/20	4 7/8	S310AZ10528S
	12	3	2400	16	5 11/16	S310AZ12528S

90 Shore A

Standard Bearing: Roller (**28**).

NYLON MODELS

Trionix™ High Impact Polymer

NX	6	3	2000	10 7/8	3 7/16	S310NX06528S
	8	3	2000	11 7/8	4 7/8	S310NX08528S
	10	3	2000	13 19/20	4 7/8	S310NX10528S
	12	3	3000	16	5 11/16	S310NX12528S

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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

141

Kingpinless Poly Spring Casters

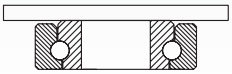
CAPACITY TO 1500

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

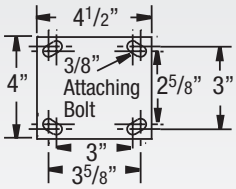
TYPICAL APPLICATIONS

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

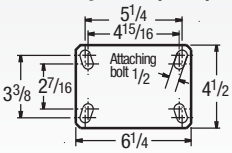
SWIVEL CROSS SECTION



MOUNTING OPTION



Optional (PATK)



Quiet · Premium Quality · Towing^

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
- Quiet rolling, rugged kingpinless caster rig
- 5", 6" and 8" wheel diameters available to meet overall load height and application requirements
- Longer swivel lead allows the caster to index quicker into in-line position for easier movement

BRAKE OPTIONS

6" and 8" only.
Specify **B**
To order, add brake code below to end of model. Example: 141AX06228S**B**

BEARING OPTIONS

(28) Precision Ball

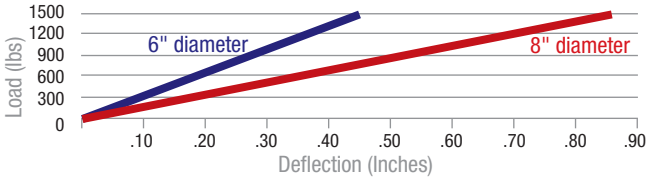
SWIVEL LOCK OPTIONS

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

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

SPRING DEFLECTIONS

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



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

Drive lasting results with

CG-MAX EFFICIENCY WHEEL™

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN

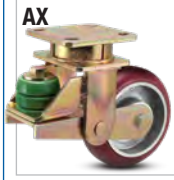
Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
5	2	1000	7 1/2	3	**141AN05228S**
6	2	1250	8	3	**141AN06228S**
8	2	1500	10 1/8	3	**141AN08228S**

85 Shore A
Learn more on prevous page

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

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX



Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
5	2	1000	7 1/2	3	**141AX05228S**
6	2	1250	8	3	**141AX06228S**
8	2	1500	10 1/8	3	**141AX08228S**

85 Shore A
Learn more on prevous page

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

Green Polyurethane Round Tread on Aluminum

PM

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
5	2	1000	7 1/2	3	**141PM05228S**
6	2	1250	8	3	**141PM06228S**
8	2	1500	10 1/8	3	**141PM08228S**

95 Shore A

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

Butterscotch Polyurethane Round Tread on Aluminum

PM 80A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
5	2	1000	7 1/2	3	**141PM05228S80A**
6	2	1250	8	3	**141PM06228S80A**
8	2	1500	10 1/8	3	**141PM08228S80A**

80 Shore A

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

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

POLYURETHANE MODELS (CONTINUED)

Yellow Polyurethane on Heavy Duty Cast Iron

PF

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	2	1500	8	3	**141PF06228S**
8	2	1500	10 1/8	3	**141PF08228S**

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

RUBBER MODELS

Performa Rubber Flat Tread on Polypropylene

XS

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
5	2	500	7 1/2	3	**141XS05228S**
6	2	600	8	3	**141XS06228S**
8	2	675	10 1/8	3	**141XS08228S**

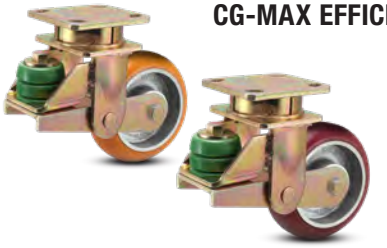
Standard Bearing: Precision Ball (**28**).

Performa Rubber Round Tread on Polypropylene

XR

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Base Caster Number
6	2	450	8	3	**141XR06228S**
8	2	600	10 1/8	3	**141XR08228S**

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



CG-MAX EFFICIENCY WHEEL™

CG-MAX EFFICIENCY wheels feature a unique polyurethane blend that is more debris resistent compared to other polyurethane wheels

141 Series Wheel Selection Hints

AX AN PM PF

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

XS XR

Performa Rubber
- Floor protection
- Quiet mobility
- Cost effective
- Shock absorption
- Debris rejection

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

KINGPIN SPRING LOADED CASTERS

CAPACITY RANGE 500-3000 LBS

44 Series
Heavy duty spring loaded casters

Common Applications:

- Manufacturing Plant Carts
- Aerospace / Automotive
- Specialty Toolboxes
- Ground Support Equipment
- Technology Carts
- Portable Cranes & Hoists
- Mobile Workstations
- Monitoring Carts
- Laboratory Equipment

44 Series Xtra Heavy Duty
Capacity to 1500 ..... **91**

42 Series Heavy Duty
Capacity to 800 ..... **92**

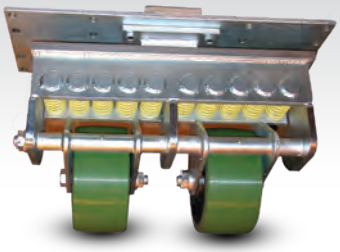
Kingpin Casters

40 Series Medium Duty
Capacity to 500 .....**93-94**

Benefits of Spring Loaded Casters:

- Better floor and equipment protection
- Reduce operating noise
- Reduce unwanted vibration
- Increase product life expectancy

Need Even More Capacity Or A Custom Configuration?

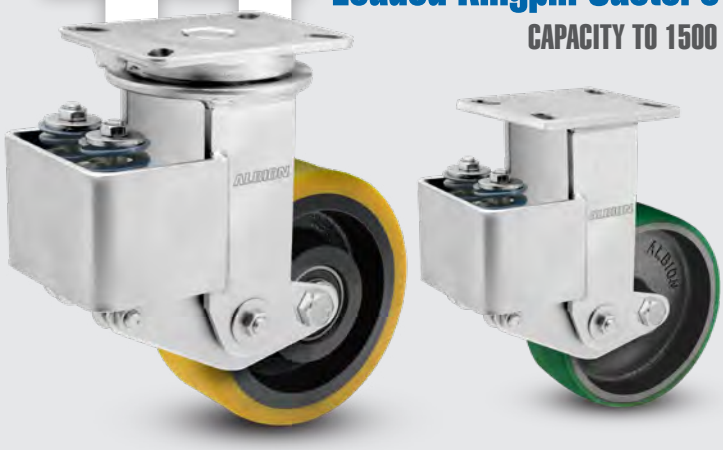


Excellent for Weight Carts
10,000 lbs load capacity!

You won't find this “bad boy” at just any caster source. Albion engineers and craftsmen can custom design and build a solution for even the most challenging applications.

44 Xtra Heavy Duty Spring-Loaded Kingpin Casters

CAPACITY TO 1500

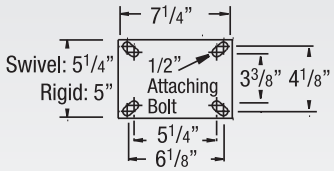


Premium Quality

Environmentally Friendly (Consult factory)

Designed with greater load capacity than our 40, 41, 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.

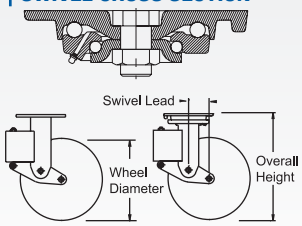
MOUNTING OPTION



TYPICAL APPLICATIONS

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

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

- Available with **Kingpinless S410** section, see page 86

BRAKE OPTIONS

Consult factory

BEARING OPTIONS

Straight Roller (01) — Precision Ball (28)

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

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PY 10	3	1500	13 1/2	3	48 1/2	44PY10501S
12	3	1500	15 1/2	3	56 1/4	44PY12501S

Standard Bearing: Roller (**01**).

Yellow Polyurethane on Heavy Duty Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PF 10	3	1500	13 1/2	3	48 1/2	44PF10528S
12	3	1500	15 1/2	3	56 1/4	44PF12528S

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

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

NYLON MODELS

Trionix™ High Impact Polymer

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
NX 10	3	1500	13 1/2	3	35	44NX10528S
12	3	1500	15 1/2	3	40	44NX12528S

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

Phenolic

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
TM 10	3	1500	13 1/2	3	35	44TM10501S
12	3	1500	15 1/2	3	40	44TM12501S

Standard Bearing: Roller (**01**).

RUBBER MODELS

Moldon Rubber on Cast Iron

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
MR 10	3	1000	13 1/2	3	42 1/2	44MR10501S
12	3	1200	15 1/2	3	47 1/2	44MR12501S

Standard Bearing: Roller (**01**).

42 Heavy Duty Spring-Loaded Kingpin Casters

CAPACITY TO 800

Premium Quality

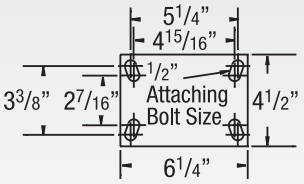
Environmentally Friendly

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.

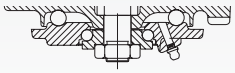
TYPICAL APPLICATIONS

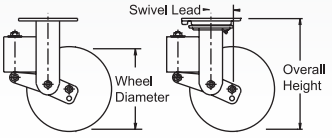
- Shock sensitive carts
- Aircraft jacks
- Monitoring equipment
- Material handling equipment
- Computer equipment

MOUNTING OPTION



SWIVEL CROSS SECTION





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

- Available in **Kingpinless S310** section, see page 87

BRAKE OPTIONS

Consult factory

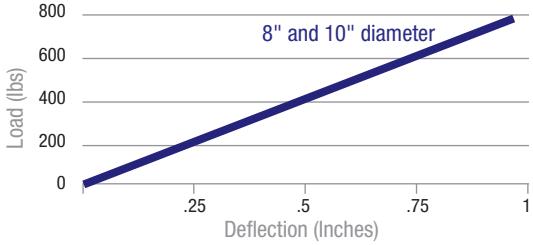
BEARING OPTIONS

Straight Roller (07)

Industrial Ball (27)

SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 800 lbs.



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

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

POLYURETHANE MODELS

Green Polyurethane on Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
PY	8	2 1/2	800	11 1/2	2 1/4	23	42PY08407S
	10	2 1/2	800	13 1/2	2 1/4	19 1/2	42PY10407S

Standard Bearing: Roller (**07**).

RUBBER MODELS

Moldon Rubber on Cast Iron

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
MR	8	2 1/2	800	11 1/2	2 1/4	22 1/2	42MR08407S
	10	2 1/2	800	13 1/2	2 1/4	26 1/2	42MR10407S

Standard Bearing: Roller (**07**).

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

PNEUMATIC MODELS

Pneumatic

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
SF	8	2.80/4	295	11 1/2	2 1/4	19 3/4	42SF08527S
	10	4.10/4	350	13 1/2	2 1/4	21	42SF10627S

Standard Bearing: Industrial Ball (**27**).

PHENOLIC MODELS

Phenolic

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
TM	8	2 1/2	800	11 1/2	2 1/4	23	42TM08407S
	10	2 1/2	800	13 1/2	2 1/4	21 1/4	42TM10407S

Standard Bearing: Roller (**07**).

40 Medium Duty Spring-Loaded Kingpin Casters

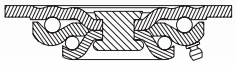
CAPACITY TO 500

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

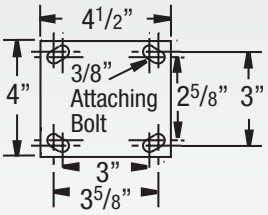
TYPICAL APPLICATIONS

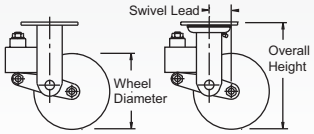
- Shock sensitive carts
- Aircraft jacks
- Monitoring equipment
- Material handling equipment

SWIVEL CROSS SECTION



MOUNTING OPTION





Premium Quality

Environmentally Friendly (Consult factory)

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

BRAKE OPTIONS

Consult factory

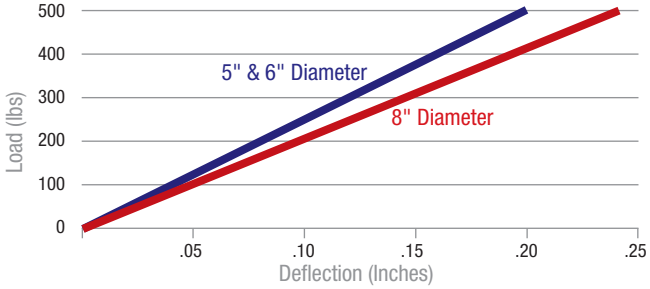
BEARING OPTIONS

Straight Roller (01) — Precision Ball (28)

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

SPRING DEFLECTIONS

Linear deflection curve demonstrates consistent smooth spring action with loads from 0 lbs. to 500 lbs.



Caster was pre-loaded to maximum capacity for 1 minute to seat all component parts before test was initiated. Deflection shown is average of all yoke swivel and rigid sizes. There were little deviations based on size or whether caster was swivel or rigid.

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

POLYURETHANE MODELS

CG-MAX EFFICIENCY WHEEL™ Maroon Round Polyurethane on Aluminum

AX — 85 Shore A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	500	8	1 3/4	11	40AX05228S
6	2	500	8 1/2	1 3/4	12 1/2	40AX06228S
8	2	500	10 1/2	1 3/4	13	40AX08228S

Standard Bearing: Precision Ball (28).

CG-MAX EFFICIENCY WHEEL™ Orange Round Polyurethane on Aluminum

AN — 85 Shore A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	500	8	1 3/4	11	40AN05228S
6	2	500	8 1/2	1 3/4	12 1/2	40AN06228S
8	2	500	10 1/2	1 3/4	13	40AN08228S

Standard Bearing: Precision Ball (28).

Green Round Tread Polyurethane on Aluminum

PM — 95 Shore A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	500	8	1 3/4	11	40PM05228S
6	2	500	8 1/2	1 3/4	12 1/2	40PM06228S
8	2	500	10 1/2	1 3/4	13	40PM08228S

Standard Bearing: Precision Ball (28).

POLYURETHANE MODELS (CONTINUED)

Butterscotch Round Tread Polyurethane on Aluminum

PM 80A — 80 Shore A

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	500	8	1 3/4	11	40PM05228S80A
6	2	500	8 1/2	1 3/4	12 1/2	40PM06228S80A
8	2	500	10 1/2	1 3/4	13	40PM08228S80A

Standard Bearing: Precision Ball (28).
To Specify Rigid or Swivel, insert "R" or "S" before "80A." Example: 40PM08228R80A.

Yellow Polyurethane on Heavy Duty Iron Tread

PF

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	500	8	1 3/4	17	40PF05228S
6	2	500	8 1/2	1 3/4	18	40PF06228S
8	2	500	10 1/2	1 3/4	19	40PF08228S

Standard Bearing: Precision Ball (28).

Solid Elastomer

SE

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
5	2	500	8	1 3/4	7 1/4	40SE05228S
6	2	500	8 1/2	1 3/4	7 3/4	40SE06228S
8	2	500	10 1/2	1 3/4	9 1/4	40SE08228S

Standard Bearing: Precision Ball (28).

Continue on next page >>

40 Series Continued

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

RUBBER MODELS

Performa Flat Tread on Polypropylene

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XS	5	2	500	8	1 3/4	8	40XS05201S
	6	2	500	8 1/2	1 3/4	8 1/2	40XS06201S
	8	2	500	10 1/2	1 3/4	9 1/2	40XS08201S

Standard Bearing: Roller (**01**).

Performa Round Tread on Polypropylene

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
XR	6	2	450	8 1/2	1 3/4	8 1/2	40XR06201S
	8	2	500	10 1/2	1 3/4	9 1/2	40XR08201S

Standard Bearing: Roller (**01**).

PNEUMATIC TYPE MODELS

Monoprene Semi-Pneumatic Black

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
SZ	6	2	250	8 1/2	1 3/4	8 1/2	40SZ06228S
	8	2	280	10 1/2	1 3/4	9 1/2	40SZ08228S

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

POLYPROPYLENE MODELS

Glass Filled Polypropylene

	Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
RT	5	2	500	8	1 3/4		40RT05201S
	6	2	500	8 1/2	1 3/4		40RT06201S
	8	2	500	10 1/2	1 3/4		40RT08201S

Standard Bearing: Roller (**01**).

28 and 38 SERIES Maintenance Free Casters

The ultimate ergonomic solution (see page 20)

- *Strong and quiet*
- *Easy to push/pull*
- *Extended lead design for superior maneuverability*
- *Maintenance free*

Semi-Pneumatic Casters 110/72/16 Series

CAPACITY TO 600

These casters are recommended for light or medium duty dollies, bottlers trucks, hand trucks or other manually operated units and are suitable for extra heavy service. Semi-pneumatics are high profile, solid center cushion rubber tires mounted on stamped centers with lug base rims.

Premium Quality

Environmentally Friendly

FEATURES

- **Steel Rigs:** 16 Series rigs now **Made in the USA** for added reliability
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Extra Heavy Duty Cushion wheel protects equipment
- **No inflation problems** as these wheels are not pressurized; they are a solid center tire

RIG OPTIONS

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

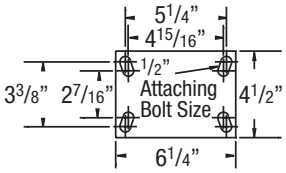
BEARING OPTIONS

Straight Roller (01)

Industrial Ball (27)

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

110 Series Kingpinless



CR Semi-Pneumatic

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number
8	2	500	9.5	2 1/4	12	110CR08201S
10	2 1/2	550	12 7/8	3 1/4	13	110CR10427S

Standard Bearings: Roller (**01**) or (**27**) Radial Ball.

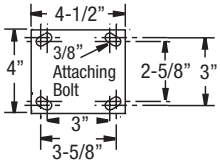
72 Series

CR Semi-Pneumatic

CR	10	2 1/2	550	13	3 1/4	14	72CR10427S

Standard Bearing: Radial Ball (**27**).

16 Series



Made in the USA

Monoprene Semi-Pneumatic (28 Precision Ball Bearing)

SZ	6	2	250	7 1/4	1 3/4	5 1/2	16SZ06228S
	8	2	280	9 1/2	1 3/4	6 1/2	16SZ08228S

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

For grey tread specify "SV" wheel code (example 16**SV**05228S).

CR Semi-Pneumatic

CR	6	1 1/2	300	7 1/2	1 3/4	6	16CR06101S
	8	2	500	7 1/2	1 3/4	11	16CR08201S
	10	2 1/2	550	12 5/8	3 1/4	12	16CR10427S
	12	3	600	15 1/2	3 1/4	14	16CR12527S

Standard Bearings: Roller (**01**) or (**27**) Radial Ball.

PNEUMATIC CASTERS
CAPACITY RANGE 210-3630 LBS

95 Series
Pneumatic Caster

Common Applications:
- Indoor/Outdoor Carts
- Delicate Cargo Carts
- Outdoor Platforms & Stages
- Dollies
- Hospitality Carts
- Nursery Carts

Excellent for
- Uneven or Rough Surfaces
- Shock Absorption
- Floor and Cargo Protection

Pneumatic Casters
95 Series
Capacity up to 3630..... **97**

90/72/110/16 Series
Capacity to 1170 ..... **98**

Pneumatic Casters 95 Series

CAPACITY TO 3630

Premium Quality

Environmentally Friendly (Consult factory)

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

BEARING OPTIONS

Tapered Roller (09)

RIG OPTIONS

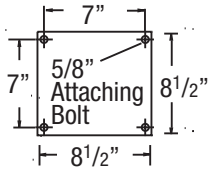
- **Swivel lock** specify **L**
- **Face contact brake** specify **F**
- **Sealed swivel** specify **NS**
- Foam fill available, consult factory

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.

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

95 Series

Wheel Diameter (Inches)	Tread Width/ Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number Tapered Roller Bearing (09)
95 Series						
21	6.90/9	2420	24 1/4	5	84 1/4	**95SF21909SBBLS**
23	6.50/10	2775	26 1/4	5	87 1/4	**95SF23909SBBLS**
25	7.50/10	3630	28 3/4	5	90 1/2	**95SF25909SBBLS**



Pneumatic Casters 90/72/110/16 Series

CAPACITY TO 1170

Premium Quality

Environmentally Friendly (Consult factory)

FEATURES

- **Steel Rigs:** 16 Series rigs now **Made in the USA** for added reliability
- **Swivel Casters:** Double ball bearing raceway
- **Shock Absorbing:** Cushion wheel protects equipment
- **Bearings:** Ball or roller bearings

RIG 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, consult factory
- Precision bearings available, consult factory
- For towed applications tapered bearings are recommended

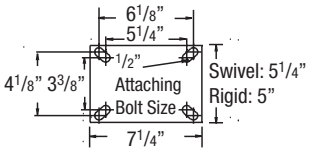
BEARING OPTIONS

Straight Roller (01)

Industrial Ball (27)

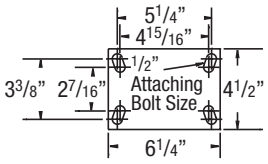
Pneumatic casters are recommended for the greatest possible protection to both load and floor, or for off-road application. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider this product offering. Full pneumatics cushion the load on air as does automobile or truck wheels.

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



90 Series

Wheel Diameter (Inches)	Tread Width/ Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)	Approx. Wt. (LBS)	Base Caster Number Ball Bearing (27)	Base Caster Number Roller Bearing (01)
90 Series Pneumatic							
14	5.30/6	785	17 3/4	4	29 1/4	**90SF14827S**	**90SF14801S**
16	4.80/8	1000	19 1/8	4 1/2	35 1/2		**90SF16801S**
18	5.70/8	1170	21 1/4	5	41		**90SF18901S**



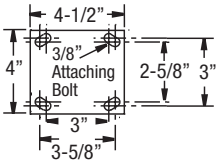
72 Series

72 Series Pneumatic							
8	2.00/4	210	11	2 5/8		**72SF08227S**	
8	2.80/4	295	11	2 5/8	12 3/4	**72SF08527S**	**72SF08501S**
10	4.10/4	350	13	3 1/4	14 1/4	**72SF10627S**	**72SF10601S**
12	4.10/6	445	15 1/2	3 1/2	17 1/2	**72SF12727S**	**72SF12701S**

16 Series

Made in the USA

16 Series Pneumatic							
8	2.00/4	210	9 1/2	1 3/4		**16SF08227S**	
8	2.50/4	220	10 1/8	1 3/4	7	**16SF08427S**	**16SF08401S**
8	2.80/4	295	11	2 5/8	9 1/2	**16SF08527S**	**16SF08501S**
10	4.10/4	350	13	3 1/4	11	**16SF10627S**	**16SF10601S**
12	4.10/4	445	15 1/2	3 1/2	14 1/4	**16SF12727S**	**16SF12701S**



110 Series Kingpinless

110 Series Pneumatic							
10	4.10/4	350	12 3/4	3 1/2	14	**110SF10627S**	**110SF10601S**

Cantilever-Style Dual Wheel Pneumatic Casters

CAPACITY TO 7260

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.

Premium Quality

Environmentally Friendly (Consult factory)

FEATURES

- **Swivel Casters:** Double ball bearing raceway. BBL models Hardened double ball bearing raceway with 1-1/4" tapered roller thrust bearing
- **Shock Absorbing:** Cushion wheel protects equipment
- **Pressure Lubrication** to all bearings

RIG OPTIONS

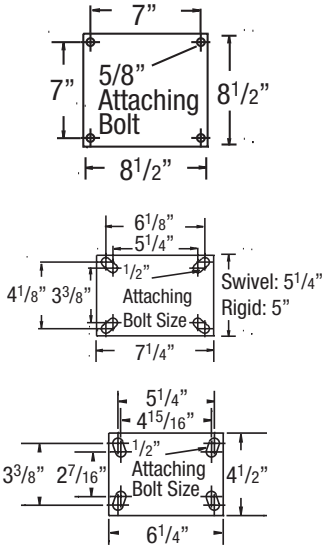
- **Swivel lock** specify **L**
- **Face contact brake** specify **F**
- **Sealed swivel** specify **NS**
- Foam fill available, consult factory

BEARING OPTIONS

Straight Roller (01)

Tapered Roller (09)

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



295 Dual Wheel Series

295 Series 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)	Base Caster Number Roller Bearing (01), Tapered Roller Bearing (09)
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 1/2/10	7260	28 3/4	5	139	**295SF25909SBBL**

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

290 Dual Wheel Series

290 Series Pneumatic Cantilever-Style Dual Wheel Casters

12	4.10/6	890	15 1/2	3 1/2	35	**290SF12701S**
14	5.30/6	1570	17 3/4	4	41	**290SF14801S**
16	4.80/9	2000	19 1/8	4 1/2	53 1/4	**290SF16801S**
18	5.70/8	2340	21 1/4	5	59 3/4	**290SF18901S**

272 Dual Wheel Series

272 Series Pneumatic Cantilever-Style Dual Wheel Casters

8	2.80/4	590	11	2 5/8		**272SF08501S**
10	4.10/4	700	13	3 1/4	21 3/4	**272SF10601S**

EZRide

Pneumatic and Semi-pneumatic Never-Flat Solutions

Pnuline Pneumatic

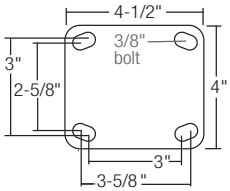
PEMCO

FEATURES

- Double ball raceways for smooth swiveling action
- Zerk fitting in axle and swivel raceway for easy maintenance
- 3/16" thick steel leg construction
- 5/8" diameter kingpin
- RoHS compliant industrial zinc finish for corrosion resistance

WARRANTY: 1 year

- 4-Ply sawtooth pattern
- Zerk fitting
- Air nozzle
- Precision ball bearing
- Zinc plated rims



Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
8"	2 3/4"	50 PSI	2.80/2.50-4; 4-ply	Precision Ball	300	10"	6 9/16"	9	**PNU80SWL**	**PNU80SWLB**	**PNU80RGD**
10"	4 1/8"	50 PSI	4.10/3.50-4; 4-ply	Precision Ball	350	12"	7 11/16"	11	**PNU10SWL**	**PNU10SWLB**	**PNU10RGD**
12"	4 1/8"	30 PSI	4.10/3.50-6; 4-ply	Precision Ball	450	15 3/16"	9 3/16"	14	**PNU12SWL**	**PNU12SWLB**	**PNU12RGD**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

16 Series Pneumatic

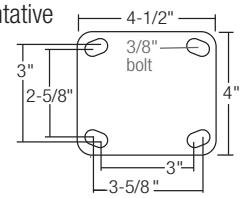
ALBION

FEATURES

- Double ball raceways for smooth swiveling action
- Zerk fitting in axle and swivel raceway for easy maintenance
- 1/4" thick steel leg construction
- 3/4" diameter kingpin
- Optional welded or field installable swivel lock available, consult your sales representative

WARRANTY: 3 years

- Zerk fitting
- Air nozzle
- Industrial or roller bearing
- Powder coated rims



FBA Brake F Brake

Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Optional Bear-ing*	Load Cap. (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
6"	2"	50 PSI	2; 4-ply	Industrial Ball	–	200	7 1/4"	3 3/4"	8 1/2	**16SF06227S**	**16SF06227SFBA**	**16SF06227R**
8"	2"	50 PSI	2; 4-ply	Industrial Ball	–	210	9 1/2"	5 3/4"	9	**16SF08227S**	**16SF08227SFBA**	**16SF08227R**
8"	2 1/2"	50 PSI	2.5/2.3-4; 4-ply	Industrial Ball	Roller	220	10 1/8"	6 1/8"	7	**16SF08427S**	**16SF08427SF**	**16SF08427R**
8"	2 3/4"	50 PSI	2.8/2.5-4; 4-ply	Industrial Ball	Roller	295	11"	7 1/8"	9 1/2	**16SF08527S**	**16SF08527SF**	**16SF08527R**
10"	4 1/8"	50 PSI	4.10/3.50-4; 4-ply	Industrial Ball	Roller	350	13"	8 3/4"	11	**16SF10627S**	**16SF10627SF**	**16SF10627R**
12"	4 1/8"	50 PSI	4.1/3.5-6; 4-ply	Industrial Ball	–	445	15 1/2"	10 1/4"	14 1/4	**16SF12727S**	**16SF12727SF**	**16SF12727R**

*For straight roller bearing models, change 8th and 9th digits (27) to 01. Example: 16SF084**01**S.

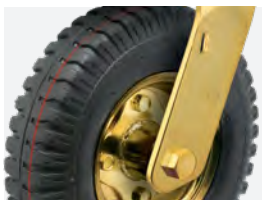
All load ratings are based on walking speed, consult engineering for load rating of towing applications

Jarvis Bellman Pneumatic

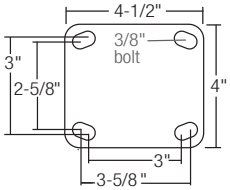
FEATURES

- Choice of brass or bright chrome plated finish
- Double ball raceways for smooth swiveling action
- 5/8" diameter kingpin
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 year



- Premium quality designed to prevent lope and wobble
- Air nozzle
- Precision ball bearing
- Brass or chrome plated rims



Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Brass Plated Swivel Caster Part #	Brass Plated Rigid Caster Part #	Bright Chrome Plated Swivel Caster Part #	Bright Chrome Plated Rigid Caster Part #
8"	2 3/4"	50 PSI	2.80/ 2.50	Radial Ball	310	9 1/2"	6 1/4"	8	**FB8W819401GSPB**	**FG8W829401PB**	**FG8W819401GSPC**	**FG8W829401PC**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

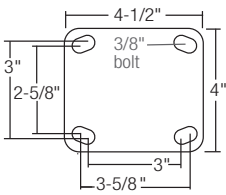
110 Series Kingpinless Pneumatic

FEATURES

- Durable kingpinless design features 3/8" ball bearings mounted in heat treated precision machined raceway
- AISI 1045 steel
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years

- Air nozzle
- Industrial bearing
- The finish on these wheel cores can vary



Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
10"	3 1/2"	50 PSI	3.5/4.10-4	Industrial Ball	350	13"	18 3/4"	14	**110SF10627S**	**110SF10627SF**	**110SF10627R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

72 Series Pneumatic

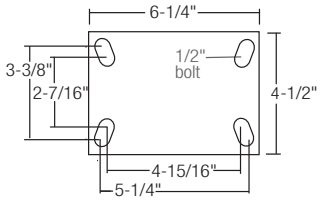
FEATURES

- Rugged AISI 1045 drop forged
- Double ball bearing "deep-groove" load and machined component thrust raceways
- 1/4" thick steel leg construction
- 3/4" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years

- Air nozzle
- Industrial ball bearing
- Zinc plated rims

AIR RIDE PNEUMATIC



F Brake

Nominal Wheel Dia.	Nominal read Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
8"	2 3/4"	50 PSI	2.5/2.3-4	Industrial Ball	295	11"	7 1/8"	12 3/4	**72SF08527S**	**72SF08527SF**	**72SF08527R**
10"	3 1/2"	50 PSI	3.5/4.10-4	Industrial Ball	350	13"	11 3/4"	14 1/4	**72SF10627S**	**72SF10627SF**	**72SF10627R**
12"	4 1/8"	50 PSI	4.1/3.5-6	Industrial Ball	445	15 1/2"	10 3/32"	17 1/2	**72SF12727S**	**72SF12727SF**	**72SF10627R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

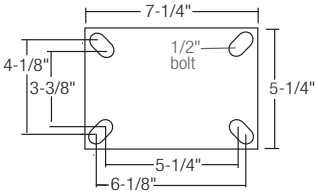
90 Series Pneumatic

FEATURES

- 90 Series handles more abuse compared to 72 Series
- 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
- 3/8" thick steel leg construction
- 1" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years

- Air nozzle
- Straight roller bearing
- Powder coated rims



F Brake

Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
14"	5 1/4"	38 PSI	5.3/4.5-6	Straight Roller	350	19 1/8"	11"	29 1/4	**90SF14801S**	**90SF14801SF**	**90SF14801R**
16"	4 3/4"	90 PSI	4.8/4.1-8	Straight Roller	445	15 1/2"	13"	35 1/2	**90SF16801S**	**90SF16801SF**	**90SF16801R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

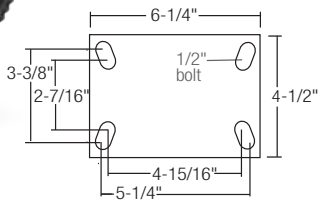
272 Series Pneumatic

FEATURES

- Rugged AISI 1045 drop forged
- Double ball bearing "deep-groove" load and machined component thrust raceways
- 1/4" thick steel leg construction
- 3/4" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 year

- Air nozzle
- Industrial ball bearing
- Zinc plated rims



Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
8"	2 3/4"	50 PSI	2.8/2.5-4	Industrial Ball	590	11"	8 9/16"	20	**272SF08527S**	**272SF08527SF**	**272SF08527R**
10"	4 1/8"	50 PSI	4.10/3.50-4	Industrial Ball	700	13"	10 3/16"	21 3/4	**272SF10627S**	**272SF10627SF**	**272SF10627R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

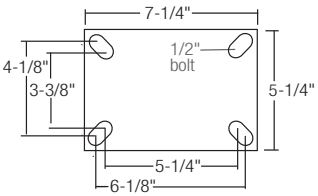
290 Series Pneumatic

FEATURES

- 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
- Zerk fitting in axle and swivel raceway for easy maintenance
- 3/8" thick steel leg construction
- 1" diameter heat treated king bolt
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 year

- Air nozzle
- Straight roller bearing
- Powder coated rims



Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure PSI	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
12"	4 1/8"	50 PSI	4.1/3.5-6	Straight Roller	890	15 1/2"	11 13/16"; Brake: 14"	35	**290SF12701S**	**290SF12701SF**	**290SF12701R**
14"	5 1/4"	38 PSI	5.3/4.3-6	Straight Roller	1,570	17 1/2"	11 3/8"; Brake 15 5/8"	41	**290SF14801S**	**290SF14801SF**	**290SF14801R**
16"	4 3/4"	90 PSI	4.8/4.1-8	Straight Roller	2,000	19 1/8"	12 1/2"; Brake 15 5/8"	53 1/4	**290SF16801S**	**290SF16801SF**	**290SF16801R**
18"	5 11/16"	75 PSI	5.7/5.2-8	Straight Roller	2,340	21 1/4"	15 3/4"; Brake 17 9/32"	59 3/4	**290SF18901S**	**290SF18901SF**	**290SF18901R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

Pemco Never-Flat

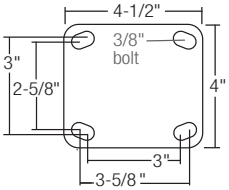
PEMCO

FEATURES

- Sealed upper raceway keeps out dirt & debris
- Double ball raceways for smooth swiveling
- Corrosion resistant polypropylene core
- Optional painted or powder coated gray steel hub
- 3/16" thick steel leg construction
- 5/8" diameter kingpin
- 5/8" axle
- RoHS compliant industrial zinc finish for corrosion resistance

WARRANTY: 1 year

- Unique Micro-Cellular Polyurethane wheel technology
- Acts just like a pneumatic tire ... but will never go flat
- Shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zerk fitting for easy axle maintenance
- Sealed precision ball bearings standard



Nominal Wheel Dia.	Nominal Tread Width	Tire Type	Bearing	Load Capacity (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
8"	2 3/4"	2.80/2.50-4	Precision Ball	275	10"	6 9/16"	7	**NFPF80SWL**	**NFPF80SWLB**	**NFPF80RGD**
10"	4 1/8"	4.10/3.50-4	Precision Ball	300	12"	7 11/16"	8	**NFPF10SWL**	**NFPF10SWLB**	**NFPF10RGD**
12"	4 1/8"	4.10/3.50-6	Precision Ball	500	15 3/16"	9 3/16"	10	**NFPF12SWL**	**NFPF12SWLB**	**NFPF12RGD**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

16 Series Never-Flat CR

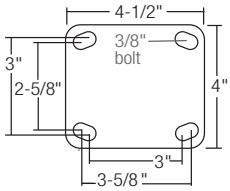
ALBION

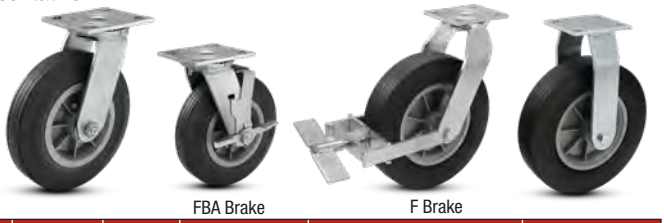
FEATURES

- Double ball raceways for smooth swiveling action
- Zerk fitting in axle and swivel raceway for easy maintenance
- 1/4" thick steel leg construction
- 3/4" diameter kingpin
- Slotted for optional swivel lock
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years

- Special blend of granular rubber and chemical accelerators, cured under tremendous pressure
- Polypropylene core
- Shock absorbing wheels provide ultimate cargo protection
- Quiet, smooth mobility
- Zerk fitting for easy axle maintenance
- Roller or industrial ball bearings





Made from recycled tire rubber

Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Cap. (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
6"	1 1/2"	Straight Roller	300	7 1/2"	4 3/16"	6	**16SF06101S**	**16CR06101SFBA**	**16CR06101R**
8"	2"	Straight Roller	500	9 1/2"	5 13/16"	11	**16SF08201S**	**16CR08201SFBA**	**16CR08201R**
10"	2 1/2"	Industrial Ball	550	12 5/8"	9"	12	**16SF10427S**	**16CR10427SF**	**16CR10427R**
12"	3"	Industrial Ball	600	15 1/2"	10"	16	**16SF12527S**	**16CR12527SF**	**16CR12527R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

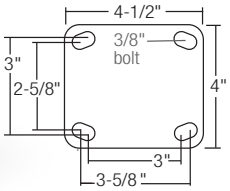
16 Series Never-Flat Black SZ

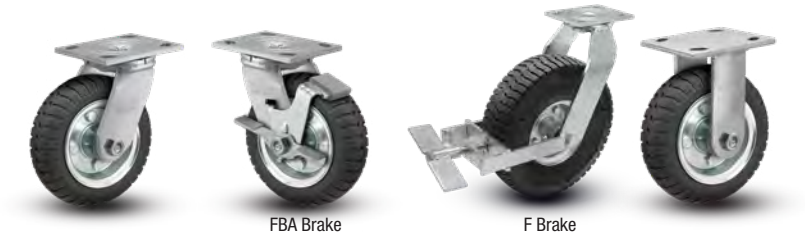
FEATURES

- Double ball raceways for smooth swiveling action
- 1/4" thick steel leg construction
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years

- Black Monoprene rubber SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat
- Maintenance free wheels rejects debris
- Non-marking shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zinc plated rim





Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Cap. (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
6"	2"	Precision Ball	250	7 1/4"	5"	5 1/2	**16SZ06228S**	**16SZ06228SFBA**	**16SZ06228R**
8"	2"	Precision Ball	280	9 7/16"	5 3/4"	6 1/2	**16SZ08228S**	**16SZ08228SFBA**	**16SZ08228R**
	2 1/2"	Precision Ball	350	9 7/16"	5 3/4"	8	**16SZ08428S**	**16SZ08428SF**	**16SZ08428R**
10"	3 1/2"	Precision Ball	440	13 1/16"	8 3/4"	13	**16SZ10628S**	**16SZ10628SF**	**16SZ10628R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

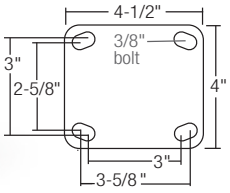
16 Series Never-Flat Gray SV

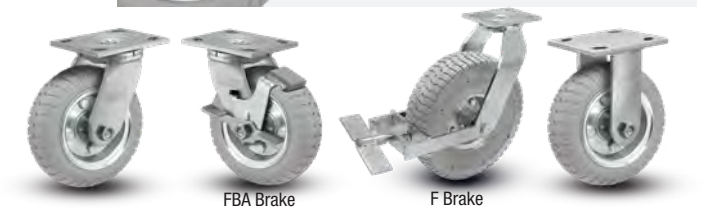
FEATURES

- Double ball raceways for smooth swiveling action
- 1/4" thick steel leg construction
- Optional swivel lock available, consult your sales representative

WARRANTY: 3 years

- Gray Monoprene rubber SV wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat
- Maintenance free wheels rejects debris
- Non-marking shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zinc plated rim

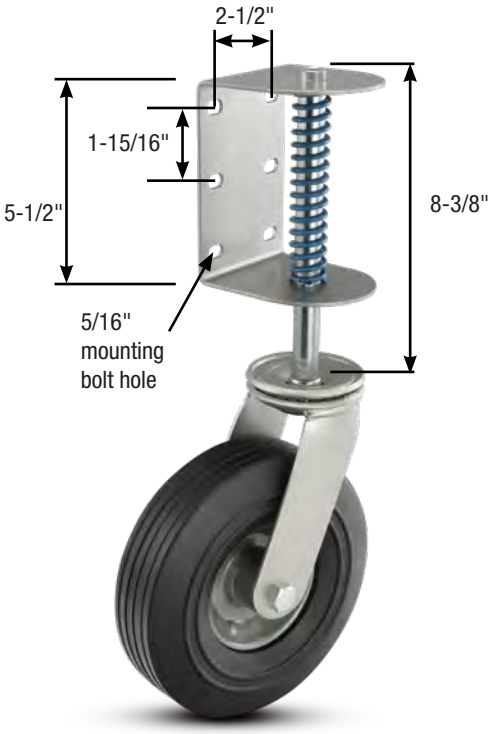




Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Cap. (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
6"	2"	Precision Ball	250	7 1/4"	5"	5 1/2	**16SV06228S**	**16SV06228SFBA**	**16SV0628R**
8"	2"	Precision Ball	280	9 7/16"	5 3/4"	6 1/2	**16SV08228S**	**16SV08228SFBA**	**16SV0828R**
	2 1/2"	Precision Ball	350	9 7/16"	5 3/4"	8	**16SV08428S**	**16SV08428SF**	**16SV0428R**
10"	3 1/2"	Precision Ball	440	13 1/16"	8 3/4"	13	**16SV10628S**	**16SV10628SF**	**16SV10628R**

All load ratings are based on walking speed, consult engineering for load rating of towing applications

Albion Gate Caster



FEATURES

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

WARRANTY: 1 year

- Semi-pneumatic cushion ride. No air necessary.
- Acts just like a pneumatic tire ... but will never go flat
- Shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- All bearings are pressure lubricated
- Industrial ball bearings
- Powder coated finish

CUSHION RIDE NEVER-FLAT

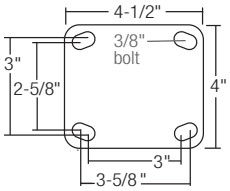
Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Cap. (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #
10"	2 1/2"	Radial Ball	210	8 1/2"	6 3/16"	10	**14SN08427S001**

Albion can quote variations on these configurations, please contact us

110 Kingpinless Series Never-Flat SZ

FEATURES

- Durable kingpinless design features 3/8" ball bearings mounted in heat treated precision machined raceway
- Zerk fitting in axle and swivel raceway for easy maintenance
- 1/4" thick steel leg construction
- Slotted for optional swivel lock



WARRANTY: 3 years

- Black Monoprene rubber SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat
- Water resistant tread
- Maintenance free wheels rejects debris
- Non-marking shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Zinc plated rim

F Brake

Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Cap. (lbs)	Nominal Mount Height	Nominal Swivel Radius	Approx. Weight (lbs)	Swivel Caster Part #	Swivel Caster With Brake Part #	Rigid Caster Part #
10"	3 1/2"	Precision Ball	440	12 7/8"	8 5/8"	16	**110SZ10628S**	**110SZ10628SF**	**16SZ10628R**

Wheels

Colson Group Companies offer a complete line of pneumatic and semi-pneumatic replacement wheels.

Air Ride
(Page 108)

Cushion Ride
(Page 109)

Hand truck
(Page 110-111)

3-Piece Hub Design

- Many of our pneumatic wheels feature the 3-piece hubs
- The three-piece design features a core, a spun inner barrel and a spun outer barrel (the lip). These three pieces are then bolted together to form a 3-piece wheel.
- The design has an interesting look along with advantage of better fittment options and easier repair

Pemco Pnuline Pneumatic Wheels

Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
8"	2 3/4"	50 PSI	2.80/2.50-4	Precision Ball	300	5/8"	3 1/2"	3 1/2	**WH8X2.5PNU**
10"	4 1/8"	50 PSI	4.10/3.50-4	Precision Ball	350	1/2"	4"	5	**WH10X3.5PNU**
12"	4 1/8"	30 PSI	4.10/3.50-6	Precision Ball	450	1/2"	4"	6	**WH12X3.5PNU**

These economical 4-Ply sawtooth pattern pneumatic features zerk fitting and air nozzle for easy maintenance. Wheels feature precision roller bearings for a smooth ride.

Albion Pneumatic Wheels

Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
6"	2"	50 PSI	–	Industrial Ball	200	1/2"	1 15/16"	2	**SF0622708**
8"	2"	50 PSI	–	Industrial Ball	210	1/2"	2 7/16"	3	**SF0822708**
8"	2 1/2"	50 PSI	2.5/2.3-4	Industrial Ball	220	1/2"	3"	3	**SF0842708**
	2 1/2"	50 PSI	2.5/2.3-4	Straight Roller	220	3/4"	2 3/4"	4 1/4	**SF0840112**
9"	2 3/4"	50 PSI	2.8/2.5-4	Industrial Ball	295	1/2"	3 1/2"	4 1/4	**SF0852708**
	2 3/4"	50 PSI	2.8/2.5-4	Straight Roller	295	3/4"	3 1/2"	4 1/4	**SF0850112**
10"	4 1/8"	50 PSI	4.10/3.50-4	Industrial Ball	350	1/2"	3 1/2"	5 1/4	**SF1062708**
	4 1/8"	50 PSI	4.10/3.50-4	Straight Roller	350	3/4"	3 1/2"	5 1/4	**SF1060112**
12"	4 1/8"	50 PSI	4.1/3.5-6	Industrial Ball	445	3/4"	4 1/2"	6 1/4	**SF1272712**
	4 1/8"	50 PSI	4.1/3.5-6	Industrial Ball	445	1"	4 1/2"	6 1/4	**SF1270116**
14"	5 1/8"	38 PSI	5.3/4.3-6	Straight Roller	785	1"	4 1/2"	9	**SF1480116**
16"	4 3/4"	90 PSI	4.8/4.1-8	Straight Roller	1,000	1 1/4"	6"	12	**SF1680120**
18"	5 3/4"	75 PSI	5.7/5.2-8	Straight Roller	1,170	1 1/4"	4 1/2"	15	**SF1890120**

Albion offers a complete line of pneumatic wheels from 6" to 18" in diameter. The durable wheels feature 4-Ply construction.

Jarvis Bellman Pneumatic Wheels With Brass Coated Hub

Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Cap. (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
8"	2 3/4"	50 PSI	2.80/2.50-4	Radial Ball	310	1/2"	3"	3 1/2	**8-940BLKBRASS**

Jarvis Bellman Pneumatic Wheels With Chrome Coated Hub

Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Cap. (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
8"	2 3/4"	50 PSI	2.80/2.50-4	Radial Ball	310	1/2"	3"	3 1/2	**8-940BLKCHROME**

Jarvis Bellman Pneumatic wheels are high quality pneumatic tires designed to enhance the appearance of your equipment.

Semi-Pneumatic Wheels for Casters

Pemco Never-Flat Micro-Cellular Polyurethane Wheels

Nominal Wheel Dia.	Nominal Tread Width	Tire Type	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
8"	2 3/4"	2.80/2.50-4	Precision Ball	275	5/8"	3 3/4"	3 7/32	**WH8X2.5NFPF**
10"	4 1/8"	4.10/3.50-4	Precision Ball	300	5/8"	4"	4 1/16	**WH10X3.5NFPF**
12"	4 1/8"	4.10/3.50-6	Precision Ball	500	5/8"	4"	6	**WH12X3.5NFPF**

Never-Flat wheels feature a unique open and closed micro-cellular polyurethane wheel technology. The wheel acts just like a pneumatic tire ... but will never go flat

Pemco Never-Flat CR Crumb Rubber Wheels

Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
6"	1 1/2"	Straight Roller	300	1/2"	2 1/4"	1 7/16	**WH6X150CRR**
8"	2"	Straight Roller	500	1/2"	2 1/4"	2 23/32	**WH8X200CRR**
	2 1/4"	Industrial Ball	500	5/8"	2 1/2"	3 19/32	**WH8X225CRF10**
	2 1/4"	Industrial Ball	500	3/4"	2 1/2"	3 19/32	**WH8X225CRF12**
10"	2 1/4"	Industrial Ball	550	5/8"	3 1/4"	5 27/32	**WH10X250CRF10**
	2 1/4"	Industrial Ball	550	3/4"	3 1/4"	5 27/32	**WH10X250CRF12**
12"	2 1/4"	Industrial Ball	600	3/4"	3 1/4"	8 25/32	**WH12X300CRF10**
	3"	Industrial Ball	600	3/4"	3 1/4"	8 25/32	**WH12X300CRF12**
	3"	Delrin	600	1"	2 1/2"	8 25/32	**WH12X300CRD16**

Recycled crumb rubber tread on polypropylene core. Special blend of granular rubber and chemical accelerators, cured under tremendous pressure

Made from recycled tire rubber

Albion Never-Flat SZ Solid Monoprene Wheels

Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
6"	2"	Precision Ball	250	1/2"	2 7/16"	2 5/16	**SZ0622808**
8"	2"	Precision Ball	280	1/2"	2 7/16"	3 11/16	**SZ0822808**
10"	3 1/4"	Precision Ball	440	1/2"	3 1/4"	6 13/16	**SZ1062808**

Monoprene rubber SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat. The maintenance free wheels rejects debris and are non-marking.

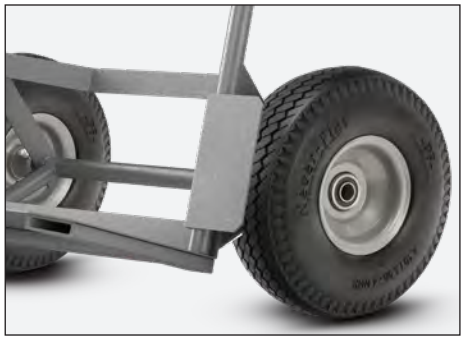
SV gray models also available.

Colson Group Hand Truck Wheels

Your Choice of Air Ride or Cushion Ride Never-Flat Hand Trucks

Colson Group branded hand truck wheels feature the popular off-set hub design. These light weight, high performance hand truck wheels roll longer, quieter and smoother without marking floors.

- Excellent for transporting fragile cargo
- Excellent for off-road applications typical with hand truck applciations
- Your choice:
  - – Albion Air Ride Pneumatics
  - – Pemco Never-Flat Micro-Cellular Polyurethane
  - – Pemco Never-Flat CR Crumb Rubber
  - – Albion Xtra-Soft Cushion TPR Tread
- Albion pneumatic hand truck wheels are easy to maintain with standard air nozzle and zerk fitting
- Never-Flat wheels operate like pneumatic tires ... but will never go flat
- Shock absorbing wheels provide ultimate cargo and floor protection
- Quiet, smooth mobility
- Non-marking design will not “scuff up” your floors.
- Zerk fitting for easy axle maintenance
- Sealed precision ball bearings standard



One side of tire has the hub that connects to the axle, the other side is off-set to accomodate hand truck applications.

Pneumatic Hand Truck Wheels

Albion Pneumatic Hand Truck Wheel – 4 Ply

Nominal Wheel Dia.	Nominal Tread Width	Max. Air Pressure	Tire Type	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
10"	4 1/8"	50 PSI	4.1-3.5-4	Precision Ball	350	5/8"	2 1/4" offset	2	**S01062810**

Albion offers a complete line of pneumatic wheels from 6" to 18" in diameter. The durable wheels feature 4-Ply construction.

Pemco Never-Flat Micro-Cellular Polyurethane Hand Truck Wheel

Nominal Wheel Dia.	Nominal Tread Width	Tire Type	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
10"	4 1/8"	4.1-3.5-4	Precision Ball	350	5/8"	2 1/4" offset	3 13/16	**WH10X3.5NFPFOFF**

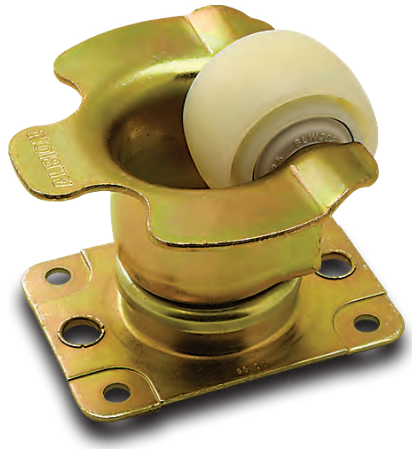
These economical 4-Ply sawtooth pattern pneumatic features zerk fitting and air nozzle for easy maintenance. Wheels feature precision roller bearings for a smooth ride.

Pemco Never-Flat CR Crumb Rubber Hand Truck Wheel

Nominal Wheel Dia.	Nominal Tread Width	Bearing	Load Capacity (lbs)	Bearing ID	Hub Length	Approx. Weight (lbs)	Wheel Part #
8"	2 1/4"	Industrial Ball	500	5/8"	2 1/4" offset	3 19/32	**WH8X225CRFOFF10**
	2 1/4"	Industrial Ball	500	3/4"	2 1/4" offset	3 19/32	**WH8X225CRFOFF12**
10"	2 1/2"	Industrial Ball	550	5/8"	2 1/4" offset	8 13/16	**WH10X250CRFOFF10**
	2 1/2"	Industrial Ball	550	3/4"	2 1/4" offset	8 13/16	**WH10X250CRFOFF12**

Recycled crumb rubber tread on polypropylene core. Special blend of granular rubber and chemical accelerators, cured under tremendous pressure

AIR CARGO AND AVIATION
CAPACITY RANGE 375-450 LBS



Cargo Conveyor Casters

Common Applications:
- Aviation Industy
- Cargo Industry
- Automotive Industry
- Conveyor Systems

Albion 03 Air Cargo/Conveyor
Capacity to 450 ..... **114**

Air Cargo/Conveyor
Capacity to 375 ..... **114**

Before you fly, you need to roll! View Our Popular Aviation Caster Series:

LASER CUT INTEGRATED BRAKES

PLB brakes are now available for aviation industry casters

LONGER LASTING KINGPINLESS CASTERS

If you need casters that will be impacted or shock-loaded ... or casters more suited for power-towed applications, see the Heavy Duty Kingpinless Section (**pages 26-39**).

DUAL WHEELS FOR ULTIMATE STABILITY

Looking to gain higher load ratings with low overall heights, better product stability and floor protection, or softer wheel options while maintaining high load ratings? View all of our dual wheel options **(pages 71-83).**

SPRING LOADED CASTERS

If you need casters that offer spring loaded protection from damaging shock, unwanted vibration and reduced noise levels, see the Spring Loaded Section (**pages 84-94**).

03

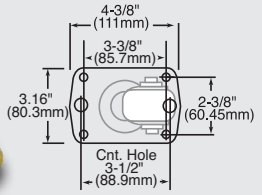
Premium Quality

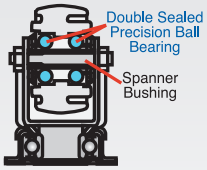
Air Cargo/Conveyor Casters

CAPACITY TO 450

Priority Premier™

MOUNTING OPTIONS





TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

Three quality levels to meet all of your air cargo conveyor needs. **Priority Premier™** is built to exceptional manufacturing standards.

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 2¼" models
- Nylon Thread Guards

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Approx. Wt. (LBS)	Caster Number
Priority Premier™ Rectangular Plate Yellow Dichromate Finish					
2¼ (58mm)	1⅜ (34mm)	450	3¾ (96mm)	1¾	**03XN02028S004C**
Double sealed precision ball bearing.					
Priority Premier™ Rectangular Plate Yellow Dichromate Metal Toe Guard					
2¼ (58mm)	1⅜ (34mm)	450	3¾ (96mm)	1¾	**03XN02028S001C**
Double sealed precision ball bearing.					

Replacement Wheel

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 Double Sealed Precision Ball (28)
XN Wheel (28 Double Sealed Precision Ball Bearing)							
2¼ (34mm)	1⅜	450	1.79	1/3	5/16	.25	**XN0202807**

Heavy Duty Air Cargo/Conveyor Caster

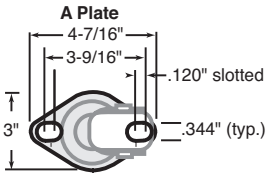
Premium Quality

TYPICAL APPLICATIONS

- Cargo Conveyor Equipment

Designed for inverted applications, these Faultless conveyor casters are designed for easy installation and replacement in the field. Special dust-and-grease cap and special all-temperature lubricant are standard along with precision bearing swivel and needle bearing wheels. Corrosive-resistant zinc dichromate finish is standard.

MOUNTING OPTIONS



FEATURES

- **Raceways:** Fully sealed raceways for low maintenance and protection of the swivel head in outdoor environments
- **Swivel Bearings:** Precision bearing swivel
- **Wheel Bearings:** Need bearings or ball bearings; thread guards standard for longer life
- **Finish:** Corrosion-resistant zinc dichromate or powder coated finishes
- **Suggested Temperature Range:** 20°F to +180°F
- **Special Top Plates Available:** For specific installation requirements, consult factory

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Overall Height (Inches)	Swivel Radius (Inches)	Caster Number
Polyflex Brown (Needle Bearing) with A Plate					
2¾	1⅜	375	4 1/32	2⅜	**27015**
Polyflex Grey with Toe Guard (Needle Bearing) with A Plate					
2¾	1⅜	375	4 1/32	2 3/16	**27016**

POLYURETHANE TREAD WHEELS

CG-MAX

Polyurethane on Aluminum Core (AN,AX) **116**

Polyurethane on Iron

Polyurethane on Iron (PY, PH) **116-117**

Polyurethane on Iron (Thick Tread) (PX) **118**

Polyurethane on Heavy Duty Cast Iron (PF) **119**

Polyurethane Reactive (AZ) **119**

Polyurethane on Aluminum

Polyurethane on Aluminum (PA, PD) **120**

Polyurethane Swivel-EAZ® (EY, EZ) **121**

Polyurethane Press-On

Polyurethane Press-On (OG) **122**

Polyurethane Press-On Mini (OG) **123**

Round Tread Polyurethane on Aluminum Core

Polyurethane Round Tread on Aluminum (PM, PM 80A) **124**

Economical Polyurethane

Economical Polyurethane (PE) **124**

Economical Polyurethane (IP) **125**

Polyurethane on Polypropylene

Hi-Tech Antimicrobial Polyurethane on Polypropylene (XA) **126**

Polyurethane on Polypropylene (XM) (Maroon) **126**

Polyurethane Solid Elastomer

Endura Solid Elastomer Polyurethane (SE) **125**

K Solid Polyurethane (KW) **127**

Polyurethane V groove

Polyurethane V-Groove (XV) **127**

CG-MAX

Ergonomic · Maintenance Free · Premium Quality · Towing^

Maximum Efficiency Wheel™

The CG-MAX wheel was designed and formulated to outperform, outlast, and take customer efficiency to the MAX. With best-in-class ergonomics and durability, this versatile polyurethane on aluminum wheel will drive new value into your operations. From improved material flow to safer workplaces, we encourage you to experience the real impact CG-MAX wheels will have on your business today!

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant

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

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

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (LBS)	Wheel Number Precision Ball (28)
CG-MAX Polyurethane on Aluminum Core (Orange)							
4	2	800	2 7/16	1 9/16	1/2	1 1/2	AN0422808MAX
5	2	1000	2 7/16	1 9/16	1/2	2	AN0522808MAX
6	2	1250	2 7/16	1 9/16	1/2	3	AN0622808MAX
8	2	1500	2 7/16	1 9/16	1/2	4	AN0822808MAX
10	2	2000	2 7/16	1 9/16	1/2	5	AN1022808MAX
CG-MAX Polyurethane on Aluminum Core (Maroon)							
4	2	800	2 7/16	1 9/16	1/2	1 1/2	AX0422808MAX
5	2	1000	2 7/16	1 9/16	1/2	2	AX0522808MAX
6	2	1250	2 7/16	1 9/16	1/2	3	AX0622808MAX
8	2	1500	2 7/16	1 9/16	1/2	4	AX0822808MAX
10	2	2000	2 7/16	1 9/16	1/2	5	AX1022808MAX

FEATURES

- **Wheel face:** Round tread
- **Finish:** Orange or Maroon on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 85 Shore A
- Wheels feature patent pending top hats

Top Hats Reduce Waste

PY/PH

Premium Quality · Towing

Polyurethane on Cast Iron Core

Made in the USA

These wheels are composed of a polyurethane elastomer, open cast 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

- **Thickness:** 1/2" thick polyurethane tread
- **Wheel Face:** Available in flat or 3° crown
- **Hardness:** 95 Shore A
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F to +180°F

WHEEL OPTIONS

See next page

Wheel Diameter (Inches)	Tread Width (Inches)	95A Capacity (Lbs) (Rated for manual operation)	80A Capacity (Lbs) (Rated for manual operation)	70D Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (LBS)	Wheel Num. Roller Brg. (01,05,07)	Wheel Number Tapered Bearing (09)	Wheel Number Precision Ball (28)
Polyurethane on Cast Iron Core (PY, PH)											
3 1/4	3 1/4	850	680	1020	3 1/4	1 15/16	1	3	PY0350116		
3 1/4	3 1/4	850	680	1020	3 1/4	1 15/16	1 1/4	3	PY0350120		
3 1/4	4 1/4	1100	880	1320	4 1/4	1 15/16	1	3 3/4	PY0370116		
3 1/4	4 1/4	1100	880	1320	4 1/4	1 15/16	1 1/4	3 3/4	PY0370120		
3 1/4	4 1/4	1100	880	1320	4 1/2	1 15/16	3/4	3 3/4		PY0370912	
5	3	1500	1220	1750	3 1/4	1 15/16	1	9	PY0550116		
5	3	1500	1220	1750	3 1/4	1 15/16	1 1/4	9	PY0550120		
5	3	1500	1220	1750	3 1/2	1 15/16	3/4	8 1/2		PY0550912	
6	2 1/2	1600	1300	1900	2 3/4	1 3/16	3/4	6 3/4	PY0640712		
6	2 1/2	1600	1300	1900	2 3/4	1 15/16	1	11	PY0640516		
6	3	2200	1600	2350	3 1/4	1 15/16	1	13 3/4	PY0650116		PY0652812~
6	3	2200	1600	2350	3 1/4	1 15/16	1 1/4	13 3/4	PY0650120		
6	3	2200	1600	2350	3 1/2	1 15/16	3/4	13 1/4		PY0650912	
6	3	2200	1600	2350	3 1/2	1 31/32	1	13 1/4		PY0650916	
8	2 1/2	2000	1600	2400	2 3/4	1 15/16	1	13	PY0840516		
8	2 1/2	2000	1600	2400	2 3/4	1-3/16	3/4	9 3/4	PY0840712		
8	3	2600	2000	3000	3 1/4	1 15/16	1	16	PY0850116		
8	3	2600	2000	3000	3 1/4	1 15/16	1 1/4	16	PY0850120		PY0852812~^
8	3	2600	2000	3000	3 1/2	1 15/16	3/4	15 3/4		PY0850912	
8	3	2600	2000	3000	3 1/2	1 31/32	1	15 3/4		PY0850916	
8	3	2600	2000	3000	3 1/2	2 11/32	1 1/4	15 3/4		PY0850920	
8	3	2600	2000	3000	3 1/4	2 7/16	1 1/4	15 1/2	PH0850120		

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Continue on next page >>

PY/PH

PY/PH Continued

See previous page for PY/PH description and product details.

Depending on diameter and tread width, cores may be spoked, solid spoked or solid.

WHEEL OPTIONS

- **80 Shore A** durometer option available (20% capacity reduction) Red-orange tread on light grey 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 13
- For customization & special application options, please consult factory
- Tapered bearings or precision ball bearings are recommended for towing applications

Depending on size, cores may be spoked or solid.

70 Shore D Models

Capacity increases 20% for 70 Shore D durometer models (To order, add 70D to end of wheel number)

Ergonomic Option

80 Shore A Models

Capacity decreases 20% for 80 Shore A durometer models (To order, add 80A to end of wheel number)

Polyurethane on Cast Iron Core (PY, PH)

Wheel Diameter (Inches)	Tread Width (Inches)	95A Capacity (Lbs) (Rated for manual operation)	80A Capacity (Lbs) (Rated for manual operation)	70D Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (LBS)	Wheel Num. Roller Brg. (01,05,07)	Wheel Number Tapered Bearing (09)	Wheel Number Precision Ball (28)
8	3	2600	2000	3000	3 1/4	2 7/16	1 1/2	15 1/2	PH0850124		
8	4	3800	3000	4300	4 1/4	2 7/16	1 1/2	23 3/4	PY0870120		
8	4	3800	3000	4300	4 1/4	2 7/16	1 1/2	23 3/4	PY0870124		
8	4	3800	3000	4300	4 1/2	2 7/16	1	22 1/2		PY0870916	
8	4	3800	3000	4300	4 1/2	2 7/16	1 1/4	22 1/2		PY0870920	
10	2 1/2	2300	1840	2760	2 3/4	1 15/16	1	17 1/2	PY1040516		
10	3	3100	2400	3600	3 1/4	1 15/16	1	20 1/2	PY1050116		
10	3	3100	2400	3600	3 1/4	1 15/16	1 1/4	20 1/2	PY1050120		
10	3	3100	2400	3600	3 1/2	1 15/16	3/4	20		PY1050912	
10	3	3100	2400	3600	3 1/2	1 31/32	1	20		PY1050916	
10	3	3100	2400	3600	3 1/2	2 11/32	1 1/4	20		PY1050920	PY1052812~^
10	3	3100	2400	3600	3 1/4	2 7/16	1 1/4	19 3/4	PH1050120		
10	3	3100	2400	3600	3 1/4	2 7/16	1 1/2	19 3/4	PH1050124		
10	4	4200	3350	5000	4 1/4	2 7/16	1 1/4	30 1/4	PY1070120		
10	4	4200	3350	5000	4 1/4	2 7/16	1 1/2	30 1/4	PY1070124		
10	4	4200	3350	5000	4 1/2	2 7/16	1	29		PY1070916	
10	4	4200	3350	5000	4 1/2	2 7/16	1 1/4	29		PY1070920	
10	5	5000	4000	6000	5 1/4	2 7/16	1 1/4	41 1/4	PY1080120		
10	5	5000	4000	6000	5 1/4	2 7/16	1 1/2	41 1/4	PY1080124		
10	5	5000	4000	6000	5 1/2	2 7/16	1	39 1/4		PY1080916	
10	5	5000	4000	6000	5 1/2	2 7/16	1 1/4	39 1/4		PY1080920	
12	2 1/2	2700	2160	3240	2 3/4	1 15/16	1	22	PY1240516		
12	3	3600	2800	4200	3 1/4	1 15/16	1	28 1/4	PY1250116		
12	3	3600	2800	4200	3 1/4	1 15/16	1 1/4	28 1/4	PY1250120		
12	3	3600	2800	4200	3 1/2	1 15/16	3/4	28		PY1250912	
12	3	3600	2800	4200	3 1/2	1 31/32	1	28		PY1250916	
12	3	3600	2800	4200	3 1/2	2 11/32	1 1/4	28		PY1250920	
12	3	3600	2800	4200	3 1/4	2 7/16	1 1/4	27 1/2	PH1250120		
12	3	3600	2800	4200	3 1/4	2 7/16	1 1/2	27 1/2	PH1250124		
12	4	4800	3840	5760	4 1/4	2 7/16	1 1/4	36 3/4	PY1270120		
12	4	4800	3840	5760	4 1/4	2 7/16	1 1/2	36 3/4	PY1270124		
12	4	4800	3840	5760	4 1/2	2 7/16	1	35 1/2		PY1270916	
12	4	4800	3840	5760	4 1/2	2 7/16	1 1/4	35 1/2		PY1270920	
12	5	6000	4800	7200	5 1/4	2 7/16	1 1/4	48	PY1280120		
12	5	6000	4800	7200	5 1/4	2 7/16	1 1/2	48	PY1280124		

~ Pedestal Precision Ball (29) bearings also available. To order change "28" to "29". Example: PY0522908
^ Bearing ID is 3/4" for these models with Precision Ball bearings

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

PX

Premium Quality

Towing^

Thick Tread Polyurethane on Cast Iron Core

Made in the USA

PX wheels are composed of a polyurethane elastomer, open cast on clean, precision 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

- **Thickness:** 1" thick polyurethane tread
- **Wheel Face:** Available in flat or 3° crown
- **Hardness:** 95 Shore A
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F to +180°F

WHEEL OPTIONS

- **80 Shore A** durometer option available (20% capacity reduction). Provides more debris resistance. Red-orange 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 13
- For customization & special application options, please consult factory
- Tapered bearings are recommended for towing applications

70 Shore D Models

Capacity increases 20% for 70 Shore D durometer models

(To order, add 70D to end of wheel number)

Ergonomic Option

80 Shore A Models

Capacity decreases 20% for 80 Shore A durometer models (To order, add 80A to end of wheel number)

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 Bearing (09)
Thick Tread Polyurethane on Cast Iron Core (PX)								
6	3	2450	3 1/4	1 15/16	1	13 3/4	PX0650116	
6	3	2450	3 1/4	1 15/16	1 1/4	13-3/4	PX0650120	
6	3	2450	3 1/2	1 15/16	3/4	13 1/4		PX0650912
6	3	2450	3 1/2	1 31/32	1	13 1/4		PX0650916
8	3	3500	3 1/4	1 15/16	1	16	PX0850116	
8	3	3500	3 1/4	1 15/16	1 1/4	16	PX0850120	
8	3	3500	3 1/2	1 15/16	3/4	15 3/4		PX0850912
8	3	3500	3 1/2	1 31/32	1	15 3/4		PX0850916
8	4	3850	4 1/4	2 7/16	1 1/4	23 3/4	PX0870120	
8	4	3850	4 1/4	2 7/16	1 1/2	23 3/4	PX0870124	
8	4	3850	4 1/2	2 7/16	1	22 1/2		PX0870916
8	4	3850	4 1/2	2 7/16	1 1/4	22 1/2		PX0870920
10	3	3700	3 1/4	1 15/16	1	20 1/2	PX1050116	
10	3	3700	3 1/4	1 15/16	1 1/4	20 1/2	PX1050120	
10	3	3700	3 1/2	1 15/16	3/4	20		PX1050912
10	3	3700	3 1/2	1 31/32	1	20		PX1050916
10	3	3700	3 1/2	2 11/32	1 1/4	20		PX1050920
10	4	4620	4 1/4	2 7/16	1 1/4	31 1/4	PX1070120	
10	4	4620	4 1/4	2 7/16	1 1/2	30 1/4	PX1070124	
10	4	4620	4 1/2	2 7/16	1	29		PX1070916
10	4	4620	4 1/2	2 7/16	1 1/4	29		PX1070920
10	5	5500	5 1/4	2 7/16	1 1/4	41 1/4	PX1080120	
10	5	5500	5 1/4	2 7/16	1 1/2	41 1/4	PX1080124	
10	5	5500	5 1/2	2 7/16	1	39 1/4		PX1080916
10	5	5500	5 1/2	2 7/16	1 1/4	39 1/4		PX1080920
12	3	4100	3 1/4	1 15/16	1	28 1/4	PX1250116	
12	3	4100	3 1/4	1 15/16	1 1/4	28 1/4	PX1250120	
12	3	4100	3 1/2	1 15/16	3/4	28		PX1250912
12	3	4100	3 1/2	1 31/32	1	28		PX1250916
12	3	4100	3 1/2	2 11/32	1 1/4	28		PX1250920
12	4	5280	4 1/4	2 7/16	1 1/4	36 3/4	PX1270120	
12	4	5280	4 1/4	2 7/16	1 1/2	36 3/4	PX1270124	
12	4	5280	4 1/2	2 7/16	1	35 1/2		PX1270916
12	4	5280	4 1/2	2 7/16	1 1/4	35 1/2		PX1270920
12	5	6600	5 1/4	2 7/16	1 1/4	48	PX1280120	
12	5	6600	5 1/4	2 7/16	1 1/2	48	PX1280124	
12	5	6600	5 1/2	2 7/16	1	47		PX1280916
12	5	6600	5 1/2	2 7/16	1 1/4	47		PX1280920
12	6	8250	6 1/2	2 11/32	1 1/4	25 3/4		PX1290920
16	3	4680	4 1/4	2 7/16	1 1/4	51	PX1650120	
16	3	4680	4 1/4	2 7/16	1 1/2	51	PX1650124	
16	3	4680	4 1/2	2 7/16	1	49 3/4		PX1650916
16	3	4680	4 1/2	2 7/16	1 1/4	49 3/4		PX1650920
16	4	6570	4 1/4	2 7/16	1 1/4	65	PX1670120	
16	4	6570	4 1/4	2 7/16	1 1/2	65	PX1670124	
16	4	6570	4 1/2	2 7/16	1 1/4	63		PX1670920
16	5	8470	5 1/4	2 7/16	1 1/4	85	PX1680120	
16	5	8470	5 1/4	2 7/16	1 1/2	85	PX1680124	
16	5	8470	5 1/2	2 7/16	1 1/4	85		PX1680920

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

PF Polyurethane on Heavy Duty Cast Iron

Ergonomic · Maintenance Free · Premium Quality · Towing^

Ergonomic polyurethane tread is firmly bonded to precision machined cast iron core and features precision ball bearings for smooth, reliability mobility in both hand operated or towed applications.

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Radius tread
- **Finish:** Yellow on black core
- **Temperature Range:** -40°F 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 Bearing (28)
Polyurethane on Heavy Duty Cast Iron (PF)							
6	2	2000	2 7/16	47mm	1/2	8	**PF0622808**
6	3	3300	3 1/2	62mm	3/4	15	**PF0652812**
8	2	2200	2 7/16	47mm	1/2	12	**PF0822808**
8	3	4000	3 1/2	62mm	3/4	19	**PF0852812**
10	3	4200	3 1/2	62mm	3/4	24	**PF1052812**
12	3	4400	3 1/2	62mm	3/4	33	**PF1252812**

AZ Polyurethane Reactive

Premium Quality · Ergonomic · Maintenance Free

This special polyurethane material is resistant to picking up metal chips. Wheels are quiet rolling and provide easy turning.

FEATURES

- **Wheel Face:** Round tread
- **Finish:** Maroon tread on cast iron black core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 90 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 Precision Ball (28)
Polyurethane Reactive on Cast Iron (PR)							
6	3	1800	3 1/2	1 15/16	3/4	15	**AZ0652812**
8	3	2000	3 1/2	1 15/16	3/4	17	**AZ0852812**
10	3	2200	3 1/2	1 15/16	3/4	19	**AZ1052812**
12	3	2400	3 1/2	1 15/16	3/4	28	**AZ1252812**

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

PA/PD

Premium Quality

Polyurethane on Aluminum Core

Composed of a polyurethane elastomer, open cast 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 cores. PD wheels feature die cast aluminum cores.

FEATURES

- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** PA 95 Shore A
  PD 60 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

Polyurethane on Aluminum Core (PA, PD)

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 (01,09)	Wheel Number Precision Ball 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	3	2520	3 1/4	1 15/16	1	8	PD0850116	
8	3	2520	3 1/4	1 15/16	1 1/4	8	PD0850120	
8	3	2520	3 1/2	2	3/4	8		PD0852812
10	3	3000	3 1/4	1 15/16	1	9	PD1050116	
10	3	3000	3 1/4	1 15/16	1 1/4	9	PD1050120	
10	3	3000	3 1/4	1 15/16	3/4	9		PD1052812
12	3	3500	3 1/4	1 15/16	1	5	PD1250116	
12	3	3500	3 1/4	1 15/16	1 1/4	5	PD1250120	
12	3	3500	3 1/4	1 15/16	3/4	5		PD1252812
12	6	7500	6 1/2	2 11/32	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.
* Tread is 1" thick

OG Premium Quality Polyurethane Press-On Tires

Polyurethane tires reduce operating cost because the high wear resistance of this material minimizes replacement. Polyurethane offers easier rollability, higher wear resistance, and greater capacity than rubber. Use press-on polyurethane as an alternative to standard mold-on polyurethane when greater cushioning or speed is involved. These wheels are also the perfect replacement wheel for many forklift brands.

FEATURES

- **Load Capacity:** 1.54 times greater than rubber
- Chunk and cut resistance
- Abrasion resistance
- Energy conservative design
- **Wheel Face:** as specified
- **Finish:** Green polyurethane on steel band
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 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

OD x Width x ID (Inches)	Tire Number	Tread Style	Capacity (6 mph) (lbs)	Capacity (10 mph) (lbs)	Approx. Wt. (lbs)
Polyurethane Press-On Tires (OG)					
12 x 4 x 8	**OG1270032**	Flat	2840	2510	13
12 x 4 x 8	**OG127003201**	Crown	2840	2510	13
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
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 x11 1/4	**OG159004507**	Flat	8700	7700	60
15 x 9 x11 1/4	**OG159004508**	Groove	8700	7700	60
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 x7 x 11 1/4	**OG169004503**	Flat	7300	6450	56
16-1/4 x7 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

Flat tread **Speed groove** **Crowned tread**

- Heavy Duty
- High Wear Resistance

Consult factory for additional options

Continue on next page >>

OG Premium Quality Press-On Mini Polyurethane

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 to +180°F
- **Hardness:** 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

Wheel Diameter (Inches)	Tread Width (Inches)	Tire ID, Core OD (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 Over Spacers (09)
Press-on Mini Polyurethane (OG)									
5	4	3	2240	4 1/4	1 15/16	1 1/4	10	OG057012001	
5	4	3	2240	4 1/2	2	1	10		OG057091601
5	5	3	2800	5 1/4	1 15/16	1 1/4	13	OG058012001	
5	5	3	2800	5 1/2	2	1	13		OG058091601
6	4	4	2990	4 1/4	1 15/16	1 1/4	18 1/2	OG067012001	
6	4	4	2990	4 1/2	2	1	18 1/2		OG067091601
6	5	4	3700	4 1/4	1 15/16	1 1/4	20	OG068012001	
6	6	4	4400	6 1/2	2	1	23		OG069091601
8	4	6	3670	4 1/2	2	1	20		OG087091601
10	4	8	4000	4 1/2	2 7/16	1	31		OG107091601
10	6	8	6000	6 1/2	2 7/16	1 1/4	64		OG109092001
10 1/2	4	8	4400	4 1/2	2 7/16	1	32 1/2		OG107091602
10 1/2	6	8	6600	6 1/2	2 7/16	1 1/4	66		OG109092002

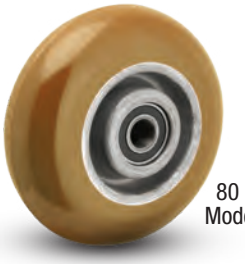
CG-MAX EFFICIENCY WHEEL™

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Debris resistant

PM Round Tread Polyurethane on Aluminum Core

Premium Quality · Ergonomic · Maintenance Free

95 Shore A Models



80 Shore A Models

Composed of a polyurethane elastomer, open cast 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.

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)
Round Tread Polyurethane on Aluminum Core (PM 95A)							
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

Round Tread Polyurethane on Aluminum Core (PM 80A)							
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

FEATURES

- **Wheel face:** Round tread
- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A (green) or 80 Shore A (butterscotch)
- Wheels are complete with top hat and spacers

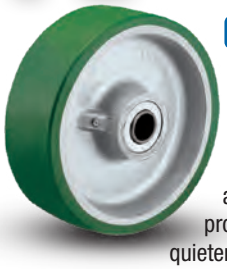
WHEEL OPTIONS

- Available in **80 Shore A** 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

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

PE Economical Polyurethane on Cast Iron

Economical



PE wheels are 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.

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 Bearing (00)
Polyurethane on Cast Iron (PI)								
6	3	2000	3 1/4	1 15/16	1	10	PE0650116	PE0650031
8	3	2500	3 1/4	1 15/16	1	15	PE0850116	PE0850031
10	3	3000	3 1/4	1 15/16	1	21	PE1050116	PE1050031
12	3	3500	3 1/4	1 15/16	1	29	PE1250116	PE1250031

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Green tread on silver painted core
- **Temperature Range:** -40 °F 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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

EY/EZ

Ergonomic Maintenance Free

Aubin Industries Swivel-EAZ® Crown/Flat Tread

Made in the USA

Dual wheels give the Swivel-EAZ® extremely high rollability and durability. Capacities range from 500 lbs to 4800 lbs depending on wheel size and durometer. Also available in 70A, 80A, 60D, and 75D. Made in the USA.

FEATURES

- **Wheel face:** Dual wheel crowned tread (EY) or flat tread (EZ)
- **Finish:** Standard Blue on aluminum
- **Temperature Range:** -40°F to +180°F
- **Hardness:** Standard blue 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 other available durometers please consult factory

EY Crowned Tread

EZ Flat Tread

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)
Swivel-EAZ Crowned Tread (EY)							
4	2	675	2 1/2	N/A	1/2	3	**EY0422808**
5	2	900	2 1/2	N/A	1/2	3	**EY0522808**
6	2	1425	2 1/2	N/A	1/2	5	**EY0622808**
6	3	2137	3 1/2	N/A	3/4	5	**EY0652812**
8	2	2400	2 1/2	N/A	1/2	6	**EY0822808**
8	3	3250	3 1/2	N/A	3/4	6	**EY0852812**
10	3	3800	3 1/2	N/A	3/4	13	**EY1052812**
12	3	3800	3 1/2	N/A	3/4	16	**EY1252812**
Swivel-EAZ Flat Tread (EZ)							
4	2	900	2 1/2	N/A	1/2	3	**EZ0422808**
5	2	1400	2 1/2	N/A	1/2	3	**EZ0522808**
6	2	1900	2 1/2	N/A	1/2	5	**EZ0622808**
6	3	2850	3 1/2	N/A	3/4	5	**EZ0652812**
8	2	3000	2 1/2	N/A	1/2	6	**EZ0822808**
8	3	4000	3 1/2	N/A	3/4	6	**EZ0852812**
10	3	4800	3 1/2	N/A	3/4	13	**EZ1052812**
12	3	4800	3 1/2	N/A	3/4	16	**EZ1252812**

3" wide wheels have 3 wheels instead of 2.
95A durometer is standard; for optional durometers please consult factory.

About Swivel-EAZ®

Swivel-EAZ® By Aubin Industries is a revolutionary rolling system. Available in more than 350 patented sizes and configurations with more being added regularly. The Swivel-EAZ is the "New Standard for Logistics" in the Material Handling Industry.

Durometer Options

70A (Black)

80A (Red)

95A (Blue)

60D (Gray)

75D (Black)

Wheel capacities are lower for 70A and 80A. Consult factory.

Wheel capacities are higher for 60D and 75D. Consult factory.

IP Polyurethane on Cast Iron

Economical

PI wheels are 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.

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)	Pedestal Precision Ball (29)
Polyurethane on Cast Iron (PI)								
4	2	1000	2 3/16	1 3/16	3/4	1	IP0420119	IP0422908
5	2	1000	2 3/16	1 3/16	3/4	1 1/2	IP0520119	IP0522908
6	2	1100	2 3/16	1 3/16	3/4	1 3/4	IP0620119	IP0622908
8	2	1200	2 3/16	3/16	3/4	4	IP0820119	IP0822908

FEATURES

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Red tread on silver painted core
- **Temperature Range:** -40 °F 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

SE Endura Solid Elastomer

Premium Quality · Ergonomic · Maintenance Free

Made in the USA

Designed specifically for high-capacity manual applications involving chemicals, solvents or water. 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.

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (LBS)	Ergonomic Wheel Number Precision Ball (28)
Solid Elastomer Polyurethane (SE)							
4	2	1000	2 7/16	–	1/2	1 3/8	5.000048P5 EN
5	2	1000	2 7/16	–	1/2	1 3/4	5.000058P5 EN
6	2	1100	2 7/16	–	1/2	2	5.000068P5 EN
8	2	1200	2 7/16	–	1/2	2 7/16	5.000088P5 EN

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Grey
- **Temperature Range:** up to +230°F
- **Hardness:** 63(±5) 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

XA

Economical

Hi-Tech Anti-Microbial Polyurethane on Polypropylene Core

Industrial strength polyurethane tread is insert molded to a interlocking "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. The grey tread features anti-microbial material. This wheel has excellent properties where washdown of material handling equipment is required. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is grey on grey core.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 55(±5) Shore D

WHEEL OPTIONS

- 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 (01)	Pedestal Precision Ball (29)	Wheel Number Delrin (51)
Polyurethane Anti-Microbial on Polypropylene Core (XA)									
4	2	720	2 3/16	1 3/16	3/4	1/2	XA0420112~	XA0422912	XA0425112
5	2	900	2 3/16	1 3/16	3/4	1 3/4	XA0520112~	XA0522912	XA0525112
6	2	1100	2 3/16	1 3/16	3/4	2 1/2	XA0620112~	XA0622912	XA0625112
8	2	1200	2 3/16	1 3/16	3/4	2 3/4	XA0820112~	XA0822912	XA0825112

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

Polyurethane Anti-Microbial on Polypropylene Core Less Bearings							
4	2	720	2 3/16	1 3/16	–	1/2	5.00004.926G
5	2	900	2 3/16	1 3/16	–	1 3/4	5.00005.926G
6	2	1100	2 3/16	1 3/16	–	2 1/2	5.00006.926G
8	2	1200	2 3/16	1 3/16	–	2 3/4	5.00008.926G

XM

Economical

Hi-Tech Polyurethane on Polypropylene Core (Maroon)

Industrial strength polyurethane tread is insert molded to a interlocking "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. This wheel has excellent properties where washdown of material handling equipment is required. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is grey on grey core.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 55(±5) Shore D

WHEEL OPTIONS

- 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 (01)	Pedestal Precision Ball (29)	Wheel Number Delrin (51)
Polyurethane Maroon on Polypropylene Core (XA)									
4	2	720	2 3/16	1 3/16	3/4	1/2	XM0420112~	XM0422912	XM0425112
5	2	900	2 3/16	1 3/16	3/4	1 3/4	XM0520112~	XM0522912	XM0525112
6	2	1100	2 3/16	1 3/16	3/4	2 1/2	XM0620112~	XM0622912	XM0625112
8	2	1200	2 3/16	1 3/16	3/4	2 3/4	XM0820112~	XM0822912	XM0825112

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

Polyurethane Maroon on Polypropylene Core Less Bearings							
4	2	720	2 3/16	1 3/16	–	1/2	5.00004.926
5	2	900	2 3/16	1 3/16	–	1 3/4	5.00005.926
6	2	1100	2 3/16	1 3/16	–	2 1/2	5.00006.926
8	2	1200	2 3/16	1 3/16	–	2 3/4	5.00008.926

KW K Wheel Solid Polyurethane

Ergonomic · Maintenance Free · Premium Quality · Towing^

The K Wheel is molded from a high strength urethane compound which possesses the load characteristics of steel but gives the smooth effortless ride you expect from polyurethane. Solid wheel has no plastic or metal core thereby eliminating any possibility of tread separation. It is not affected by blood, brine, greases, oils, or most harsh chemicals. It's steam cleanable.

FEATURES

- **Wheel face:** Round tread
- **Finish:** Solid blue Urethane
- **Temperature Range:** -50°F to +180°F
- **Hardness:** 55 Shore D
- Wheels are complete with top hat and spacers

WHEEL OPTIONS

- 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 Drawn Cup Roller (02)	Pedestal Precision Ball (29)	Wheel Number Delrin (51)
K-Wheel Solid Polyurethane on Aluminum Core (KW)									
4	2	700	2 3/16	1 3/16	1/2		KW0420208	KW0422908	KW0425108
5	2	1000	2 3/16	1 3/16	1/2		KW0520208	KW0522908	KW0525108
6	2	1200	2 3/16	1 3/16	1/2		KW0620208	KW0622908	KW0625108
8	2	1500	2 3/16	1 3/16	1/2		KW0820208	KW0822908	KW0825108

K-Wheel Features:

- Smooth ride
- No tread separation
- Steam cleanable
- Floor protective

XV Polyurethane V-Groove

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.

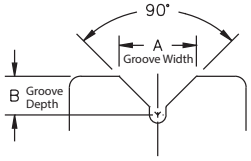
FEATURES

- **Wheel Face:** V-groove
- **Finish:** Green
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 60 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 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)
Polyurethane V-Groove (XV)									
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



Letters match to chart descriptions

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

^Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

NYLON TREAD WHEELS

Trionix™ High Impact Polymer (NX)
Page **129**

Trionix™ High Impact Polymer (NX)
Page **129**

Glass Filled Nylon (DT)
Page **130**

Glass Filled Nylon High Temperature (HT)..
Page **130**

Maxim® Glass-filled Nylon (NG)
page **131**

White Nylon (NW)
Page **131**

NX Trionix™ High Impact Polymer

Premium Quality · Maintenance Free · Ergonomic

These unique high impact polymer wheels deliver superior rollability, capacity and slide resistance. Trionix™ features unique polymers that resist corrosion and most chemicals. Wheels are machined and straight sided.

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)
Trionix High Impact Polymer (NX)							
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	3	7200	3 1/2	2	3/4	6 1/2	NX0652812
8	2	2160	2 7/16	2	1/2	8	NX0822808
8	3	7200	3 1/2	2	3/4	9	NX0852812
10	3	7200	3 1/2	2	3/4	10	NX1052812
12	3	7200	3 1/2	2	3/4	12	NX1252812

NV Trionix™ High Impact Polymer V-Groove

Premium Quality · Maintenance Free

Like the NX wheels, these unique high impact polymer wheels deliver superior rollability, capacity and slide resistance. Trionix™ features unique polymers that resist corrosion and most chemicals. Wheels are machined with V-groove.

FEATURES

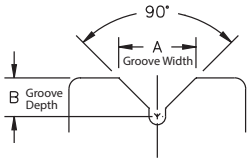
- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -30°F to +220°F
- **Hardness:** 78-82 Shore D

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)	Groove Width "A" (Inches)	Groove Depth "B" (Inches)	Wheel Number Precision Ball (28)
Trionix V-Groove High Impact Polymer (NV)							
4	2	2160	2 7/16	1/2	7/8	7/16	NV0422808
5	2	2160	2 7/16	1/2	7/8	7/16	NV0522808
6	2	2160	2 7/16	1/2	7/8	7/16	NV0622808
8	2	2160	2 7/16	1/2	7/8	7/16	NV0822808

*Spanner held in place with snap rings to prevent loss of top hat.



Letters match to chart descriptions

DT Heavy Duty Glass Filled Nylon

Premium Quality Heat Resistant

Need tough, heat resistant wheels? Albion offers DT and HT high temperature wheels. These wheels are ideal for food processing, tool storage, sanitary maintenance, and applications requiring easy mobility under heavy loads. DT and HT are extremely resistant to water, chemical absorption, steam cleaning, and HEAT!

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Wheel Number Roller Bearing (01)	Wheel Number Pedestal Precision Ball Bearing (28)	Wheel Number Pedestal Precision Ball Bearing (29)
Heavy Duty Glass Filled Nylon (DT)								
4	2	1000	2 3/16	1 3/16	3/4	DT0420112		
4	2	800	2 3/16	1 3/16	1/2		DT0422808	DT0422908
5	2	1200	2 3/16	1 3/16	3/4	DT0520112		
5	2	1000	2 3/16	1 3/16	1/2		DT0522808	DT0522908
6	2	1400	2 3/16	1 3/16	3/4	DT0620112		
6	2	1200	2 3/16	1 3/16	1/2		DT0622808	DT0622908
8	2	1600	2 3/16	1 3/16	3/4	DT0820112		
8	2	1400	2 3/16	1 3/16	1/2		DT0822808	DT0822908

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Dark Grey
- **Material:** Heavy duty version of the RT wheels with regards to impact and load capacity and are made from a glass filled nylon with impact modifiers and temperature stabilization formulation
- **Temperature Range:** -20°F to +350°F
- **Hardness:** 5-80 Shore D

WHEEL OPTIONS DT and HT

- 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.
- For stainless steel roller bearing specify **ZB03.**

HT High Heat Glass Filled Nylon

Premium Quality Heat Resistant

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Wheel Number Roller Bearing (01)	Wheel Number Pedestal Precision Ball Bearing (28)	Wheel Number Delrin Bearing (51)
High Heat Glass Filled Nylon (HT)								
4	2	800	2 3/16	1 3/16	3/4	HT0420112	HT0422808	HT0425112
5	2	1000	2 3/16	1 3/16	3/4	HT0520112	HT0522808	HT0525112
6	2	1200	2 3/16	1 3/16	3/4	HT0620112	HT0622808	HT0625112
8	2	1400	2 3/16	1 3/16	3/4	HT0820112	HT0822808	HT0825112

High temp Delrin bearing available, consult factory.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Material:** Glass filled nylon designed for higher temperature applications
- **Temperature Range:** -20°F to +480°F
- **Hardness:** DT: 75-80 Shore D

NG Maxim® Glass Filled Nylon

Economical

Albion's Maxim® wheel delivers maximum performance and an 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) (Rated for 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)*
Maxim Glass-Filled Nylon (NG)								
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
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
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
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
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

* Hub length of pedestal precision bearing (29) models is 2 7/16".

NW White Nylon

Premium Quality

Economical

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
White Nylon (NW)								
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

POLYPROPYLENE WHEELS

Glass Filled Polypropylene (RT)
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RETORT Polypropylene (RW)
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Polypropylene (PB)
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White Polypropylene (PW)
Page **134**

Economical

RT Glass Filled Polypropylene

These economical wheels are ideal for food processing, tool storage, sanitary maintenance, and applications requiring easy mobility under heavy loads. Extremely resistant to water, chemical absorption, steam cleaning, and HEAT!

Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Wheel Number Roller Bearing (01)	Wheel Number Pedestal Precision Ball Bearing (29)
Glass Filled Polypropylene (RT)							
4	2	800	2 3/16	1 3/16	3/4	RT0420112	
4	2	800	2 3/16	1 3/16	1/2		RT0422908
5	2	1000	2 3/16	1 3/16	3/4	RT0520112	
5	2	1000	2 3/16	1 3/16	1/2		RT0522908
6	2	1200	2 3/16	1 3/16	3/4	RT0620112	
6	2	1200	2 3/16	1 3/16	1/2		RT0622908
8	2	1400	2 3/16	1 3/16	3/4	RT0820112~	
8	2	1400	2 3/16	1 3/16	3/4		RT0822908

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Material:** Glass filled polypropylene
- **Temperature Range:** -20°F to +250°F
- **Hardness:** 65-70 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.

Heat Resistant

RW RETORT Polypropylene

Designed to withstand the rigors of high temperature, RW wheels are perfect for cooker racks and retort carts. The oversized bore ID ensures smooth movement, even if wheels experience heat expansion.

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 Delrin Bearing (51)
RETORT Polypropylene (RW)								
4	1 1/2^	375	1 5/8	1 3/16	3/4	1	RW0410112	RW0415112
4	2	500	2 3/16	1 3/16	3/4	1	RW0420112	RW0425112
5	1 1/2^	540	1 5/8	1 3/16	3/4	1	RW0510112	RW0515112
5	2	650	2 3/16	1 3/16	3/4	1/2	RW0520112	RW0525112
6	1 1/2^	600	1 5/8	1 3/16	3/4	1/2	RW0610112	RW0615112
6	2	700	2 3/16	1 3/16	3/4	2	RW0620112	RW0625112
8	1 1/2^	750	1 5/8	1 3/16	3/4	2	RW0810112	RW0815112
8	2	900	2 3/16	1 3/16	3/4	2 1/2	RW0820112	RW0825112

^ 2 7/16" spanner and spacers included.

FEATURES

- **Wheel Face:** Moderate crown
- **Finish:** White
- **Temperature Range:** -20°F degrees up to +290°F
- **Hardness:** 75 Shore D
- Same options as PB

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.

PB Polypropylene

Economical

This wheel is an injection molded blend of thermoplastic polymers which resist absorption and are resistant to most chemicals and solvents. Capacity ratings are comparable to hard rubber wheels with the added advantage of being lighter in weight and having greater impact resistance.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20°F to +180°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)
Polypropylene (PB)							
4	2	450	2 3/16	1 3/16	3/4	1	**PB0420112~**
5	2	650	2 3/16	1 3/16	3/4	1 1/4	**PB0520112~**
6	2	750	2 3/16	1 3/16	3/4	1 1/2	**PB0620112~**
8	2	1000	2 3/16	1 3/16	3/4	1 3/4	**PB0820112~**

~ Wheels are complete with spanner bushing & nylon retaining thrust washers.
^ 2 7/16" spanner and spacers included.

PW White Polypropylene

Economical

This white colored polypropylene wheel is an injection molded blend of thermoplastic polymers which resist absorption and are resistant to most chemicals and solvents. Capacity ratings are comparable to hard rubber wheels with the added advantage of being lighter in weight and having greater impact resistance.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20°F to +180°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

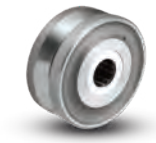
Wheel Diameter (Inches)	Tread Width (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (LBS)	Wheel Number Plain Bore (41)	Wheel Number Delrin (51)*
White Polypropylene (PW)								
4	1 1/2	400	1 5/8	3/4	3/4	1/2	**PW0414112**	
4	2	450	2 3/16	3/4	3/4	3/4	**PW0424112**	
4	2	450	2 3/16	1/2	1/2	3/4	**PW0424108**	
5	1 1/2	450	1 5/8	3/4	3/4	1/2	**PW0514112**	
5	2	550	2 3/16	3/4	3/4	3/4	**PW0524112**	
5	2	650	2 3/16	1/2	1/2	3/4	**PW0524108**	
5	2	650	2-3/8	1/2	3/4	3/4		**PW0525112**
6	1 1/2	550	1 5/8	3/4	3/4	3/4	**PW0614112**	
6	2	650	2 3/16	3/4	3/4	3/4	**PW0624112**	
6	2	750	2 3/16	1/2	1/2	3/4	**PW0624108**	
6	2	750	2-3/8	1/2	3/4	3/4		**PW0625112**

* Hub length of Delrin bearing (51) models is 2 9/16".

METAL WHEELS

Steel Tread Wheels

Drop Forged and Large Bore Forged (FS/FH).....**136**



Drop Forged V-Groove (VF/VH).....**137**

Cast Iron Tread Wheels

Single Flange (FL).....**138**

Double Flange (FD).....**138**

Ductile Iron (Flat & Crowned) FM/FR.....**139**

Ductile V-Groove (VM).....**139**

Cast Iron (CA).....**140**

Cast Iron V-Groove (VG/VL).....**141**

FS Drop Forged Steel

Premium Quality

Heat Resistant

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 for high temperature requirements
- **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

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 (08, 09)
Drop Forged Steel Wheels (FS)								
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	1700	2 3/16	1 3/16	1/2	6 1/4	FS0620108	
6	2	1700	2 3/16	1 3/16	5/8	6 1/4	FS0620110	
6	2	1700	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	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	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	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

Premium Quality

Heat Resistant

These dropped forged steel wheels are a large bore version of FS wheels. See FS wheels for features and options.

Up to 20,000 lbs Capacity!

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)
Large Bore Drop Forged Steel Wheels (FH)								
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

VF/VH

Premium Quality

Heat Resistant

Drop Forged Steel V-Groove

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.

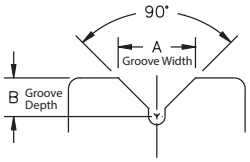
Please note: Track alignment is critical when utilizing v-groove wheels.

FEATURES

- **Wheel face:** V-Groove
- **Finish:** Clear Coat Enamel w/Rust Inhibitor
- **Temperature Range:** Up to +350°F, consult factory for high temperature requirements
- **Hardness:** Brinell 149 (converted from Rockwell 80 B)
- **Tensile:** 64,000 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



Letters match to chart descriptions

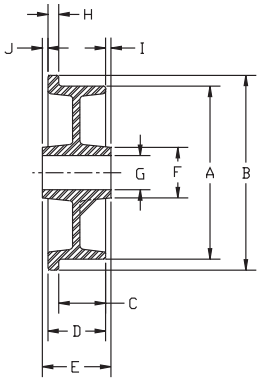
Drop Forged Steel V-Groove (VF, VH)

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	10000	3 1/2	2 7/16	1	1 3/8	11/16	19 3/4		VF0650916
6	3	10000	3 1/2	2 7/16	1 1/4	1 3/8	11/16	19 3/4		VF0650920
6	3	15000	3 1/2	3 1/8	1 1/4	1 3/8	11/16	22		VH0650920
6	3	15000	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

FL Single Flange

Premium Quality

Heat Resistant



Letters match to chart descriptions below.

Various bore sizes are available for FL for use as plain bore wheels or to be used with keyway and set screw or with a variety of bearings. This cast iron wheel offers 30,000 psi tensile strength.

FEATURES

- **Finish:** Gray enamel
- **Temperature Range:** Up to +800°F, consult factory for high temperature requirements
- **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)
Single Flange (FL)														
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	19/16	2 3/8	2 1/2	2 1/2	1 15/16	3/16	1/16	1/16	1500	1	9 1/2	FL0410116	
4 1/2	5 1/2	19/16	2 3/8	2 1/2	2 1/2	1 15/16	3/16	1/16	1/16	1500	3/4	9 1/2		FL0410912
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	
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
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

Premium Quality

Heat Resistant

FD offers various bore sizes for use as plain bore wheels or to be used with keyway and set screw or with a variety of bearings. This cast iron wheel 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)
Double Flange (FD)														
10	12	1 3/4	3	3 1/2	3	1 15/16	5/8	1/8	1/8	2000	3/4	35		FD1050912

FR

Premium Quality

Heat Resistant

Full Radius Ductile Tread

FR Full Radius Ductile 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. Wheels are painted black.

FEATURES

- **Wheel face:** Full radius tread design
- **Finish:** Black paint
- **Temperature Range:** Up to +800°F, consult factory for high temperature requirements
- **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) (Rated for manual 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)
Full Radius Tread Ductile (FR)									
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	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	3/4	11	FR0820019	FR0820112	
8	2	2000	2 7/16	1 3/8	1/2	11			FR0820908
8	3	6000	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	6000	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

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

VM

Premium Quality

Heat Resistant

Ductile V-Groove

Albion VM Ductile Wheels feature higher capacities compared to cast iron V-Groove wheels. Wheels are painted black.

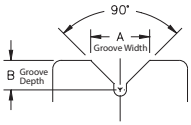
FEATURES

- **Wheel face:** V-Groove
- **Finish:** Flat Black Paint w/Rust Inhibitor
- **Temperature Range:** Up to +350°F, consult factory for high temperature requirements
- **Hardness:** Brinell 131 – 217 (mechanical properties ASTM A536 grade 65-45-12)
- **Tensile:** 65,000 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

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)
Ductile Cast Iron V-Groove (VM)										
6	2	1100	2 3/16	1 3/16	3/4	7/8	7/16	7 1/2	VM0620112	
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	VM0650116	
6	3	5000	3 1/4	1 15/16	1 1/4	7/8	7/16	10 1/2	VM0650120	
6	3	5000	3 1/2	1 15/16	3/4	7/8	7/16	10 1/2		VM0650912
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

CA

Premium Quality

Heat Resistant

Cast Iron

Premium cast iron, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). CA wheels are 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 for high temperature requirements
- **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

Cast Iron Wheels (CA)

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, 07)	Wheel Number Tapered Roller (09)
4	2	1000	2 3/16	1 7/16	1/2	3 3/4	CA0420108	
4	2	1000	2 3/16	1 7/16	5/8	3 1/4	CA0420110	
4	2	1000	2 3/16	1 3/16	3/4	3 1/4	CA0420112~	
4	3	2000	3 1/4	1 15/16	1	8 1/4	CA0450116	
4	3	2000	3 1/4	1-15/16	1 1/4	8 1/4	CA0450120	
4	4	4000	4 1/4	2 7/16	1 1/4	10 3/4	CA0470120*	
4	4	4000	4 1/4	2 7/16	1 1/2	10 3/4	CA0470124*	
5	2	1300	2 3/16	1 3/16	1/2	4 1/4	CA0520108	
5	2	1300	2 3/16	1 3/16	5/8	4 1/4	CA0520110	
5	2	1300	2 3/16	1 3/16	3/4	4 1/4	CA0520112~	
5	2 1/8	1500	2 3/16	1 7/16	7/8	5 1/4	CA0530114	
5	2 1/8	1500	2 3/16	1 7/16	1	5 1/4	CA0530116	
5	2 1/2	2300	3 1/4	1 15/16	1	10	CA0540116	
5	2 1/2	2300	3 1/4	1 15/16	1 1/4	10	CA0540120	
6	2	1400	2 3/16	1 3/16	1/2	6 1/4	CA0620108	
6	2	1400	2 3/16	1 3/16	5/8	6 1/4	CA0620110	
6	2	1400	2 3/16	1 3/16	3/4	6 1/4	CA0620112~	
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	3	2800	3 1/4	1 15/16	1	11 3/4	CA0650116	
6	3	2800	3 1/4	1 15/16	1 1/4	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	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
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 1/2	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	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
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	4	5000	5 1/4	2 7/16	1 1/4	65 1/4	CA1670120	
16	4	5000	5 1/4	2 7/16	1 1/2	65 1/4	CA1670124	
18	3	4000	4 1/4	2 7/16	1 1/4	58	CA1850120	
18	3	4000	4 1/4	2 7/16	2	58	CA1850124	

~ Nylon retainer thrust washers & hardened metal spanner bushing included.
^ 2 7/16" spanner and spacers included. * Crown face

Continue on next page >>

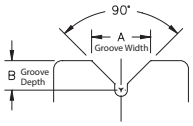
VG/VL

Premium Quality

Heat Resistant

Cast Iron V-Groove

Letters match to chart descriptions



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.

FEATURES

- **Wheel face:** V-Groove
- **Finish:** Silver Enamel Paint
- **Temperature Range:** Up to +350°F, consult factory for high temperature requirements
- **Hardness:** Brinell 145 **Tensile:** 30,000 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

Premium Quality

Heat Resistant

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)
Cast Iron V-Groove (VG, VL)										
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

RUBBER TREAD WHEELS

Mold-on Rubber on Cast Iron Wheels

Heavy Duty Mold-On Rubber on Cast Iron Core (MH) **143**

Mold-On Rubber on Cast Iron Core (MR) **144**

Mold-on Rubber on Aluminum Wheels

Mold-On Rubber on Die Cast Aluminum (MD) **145**

Rubber on Polypropylene Wheels

Performa Round (XR) **146**

Performa Flat (XS) **147**

Pneumatic Wheels

Black Monoprene Semi-Pneumatic (SZ) .. **148**

Grey Monoprene Semi-Pneumatic (SV) ... **149**

Black Pneumatic (SF) **149**

Grey Pneumatic (SG) **149**

Pneumatic Handtruck Wheel (SO) **150**

MH

Premium Quality

Heavy Duty Mold-On Rubber on Iron Core

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

- **High Tensile Strength**
- **Wheel face:** Moderate crown
- **Finish:** Black tread on iron core
- **Temperature Range:** -40°F to +180°F
- **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

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

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, 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		MH1040524
10	3	1800	3 1/4	1 15/16	1		MH1050116
12	2 1/2	1700	2 3/4	1 15/16	1		MH1240516
12	2 1/2	1700	2 3/4	1 15/16	1 1/4		MH1240520
16	3	2500	3	2 7/16	1 1/4		MH1650120

MR

Premium Quality

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

- **High Tensile Strength**
- **Wheel face:** Moderate crown
- **Finish:** Black tread on black enamel core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 70-85 Shore A

WHEEL OPTIONS

- For 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

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, 07)	Wheel Number Tapered Roller (09)
Moldon Rubber on Iron Core (MR)								
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	3/16	3/4	1 1/2	MR0420112~	
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	2 3/4	1 3/16	3/4	6 1/4	MR0640712	
6	2 1/2	700	3 1/2	1 3/16	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	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	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	2 3/4	1 15/16	1	12 3/4	MR1040516	
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
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	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

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
^ 2 7/16" spanner and spacers included.

Continue on next page >>

MD

Premium Quality

Mold-On Rubber on Die Cast Aluminum

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°F to +180°F
- **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

Heavy Duty Mold-On Rubber on Aluminum Core (MD)

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)
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	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.

XR

Premium Quality

Performa Rubber

The Performa 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.
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A (unless otherwise specified)

WHEEL OPTIONS

- For customization, special applications or alternate bearings consult factory

XR Hand Truck Wheels

Made in the USA

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 Bearing	Wheel Number
Performa Round Grey Tread (XR) (Medium Heavy Duty)								
6	2	450	2 3/16	1 3/16	3/4	1 3/8	Delrin	**XR0625112**
6	2	450	2 3/16	1 3/16	3/4	1 3/8	Roller	**XR0620112~**
6	2	450	2 7/16	1 9/16	1/2	1 3/8	Precision Ball	**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	600	2 7/16	1 9/16	1/2	2 3/8	Precision Ball	**XR0822808***

Performa Round Grey Tread (XR) (Heavy Duty)								
10	2 1/2	850	3 1/2	2 7/16	3/4	3	Precision Ball	**XR1042812***
10	2 1/2	850	3 1/4	1 15/16	1	3	Roller	**XR1040116**
10	2 1/2	850	3 1/4	1 15/16	1	1	Delrin	**XR1045116**

Tread Hardness is 50-60 Shore A.
~ Wheels are complete with spanner bushing & nylon sealed retaining washers.
* Precision sealed bearings and top hats.

8" diameter model

10" diameter model

Performa Round Black Tread (XR) (Hand Truck Offset Hub)								
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	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.

XS

Premium Quality

Performa Rubber

The Performa 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:** Moderate crown
- **Finish:** Non-marking grey tread on grey core
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A

WHEEL OPTIONS

- For customization, special applications or alternate bearings, consult factory

Made in the USA

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 Bearing	Wheel Number
Performa Flat Grey Tread (XS) (Medium Heavy Duty)								
4	2	400	2 3/16	1 3/16	3/4	1	Delrin	**XS0425112**
4	2	400	2 3/16	1 3/16	3/4	1	Roller	**XS0420112~**
4	2	400	2 7/16	1 9/16	1/2	1	Precision Ball	**XS0422808***
5	2	500	2 3/16	1 3/16	3/4	1 1/8	Delrin	**XS0525112**
5	2	500	2 3/16	1 3/16	3/4	1 1/8	Roller	**XS0520112~**
5	2	500	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	600	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	675	2 7/16	1 9/16	1/2	2 3/8	Precision Ball	**XS0822808***

Made in the USA

Performa Flat Black Tread (XS) (Center Hub)								
8	1 1/2	350	2 5/16	1 3/8	1/2	3	Industrial Ball	**XS0812708**
8	1 1/2	350	2	1 3/16	N/A	3	Plain	**XS081001901**

SZ Monoprene Semi-Pneumatic

Premium Quality

The SZ wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat. These maintenance free wheels, constructed of solid monoprene material, which rejects debris and will not go flat, offer the same great features of a pneumatic wheel.

FEATURES

- **Wheel Face:** Traction tread
- **Finish:** Zinc plated hub
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 65-75 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)	Tire Size/Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bearing ID (Inches)	Tread Style	Wheel Number Precision Ball Bearing (28)
Black Monoprene Semi-Pneumatic (SZ)						
6	2	250	2 7/16	1/2	Lug	**SZ0622808**
8	2	280	2 7/16	1/2	Lug	**SZ0822808**
10	3 1/2	440	3 1/4	1/2	Ribbed	**SZ1062808**
10	3 1/2	440	2 1/4	5/8	Ribbed	**SZ1062810H**

SV Monoprene Semi-Pneumatic

Premium Quality

The SV wheel provides you with all the benefits of a pneumatic tire, without the hassle of getting a flat. These maintenance free wheels, constructed of solid monoprene material, which rejects debris and will not go flat, offer the same great features of a pneumatic wheel.

FEATURES

- **Wheel Face:** Traction tread
- **Finish:** Zinc plated hub
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 65-75 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)	Tire Size/Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bearing ID (Inches)	Tread Style	Wheel Number Precision Ball Bearing (28)
Grey Monoprene Semi-Pneumatic (SV)						
6	2	250	2 7/16	1/2	Lug	**SV0622808**
8	2	280	2 7/16	1/2	Lug	**SV0822808**
10	3 1/2	440	3 1/4	1/2	Ribbed	**SV1062808**
10	3 1/2	440	2 1/4	5/8	Ribbed	**SV1062810H**

SF Premium Quality Black Pneumatic

Full Pneumatic (SF) are 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. These tires can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity. Suitable for extended service.

FEATURES

- Black 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 3630 lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion for additional information

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 Tapered (09)
Black Pneumatic (SF)										
8	2	210	4	2 7/16	50	1/2	3	SF0822708*		
8 9/16	2.50/4	220	4	2 3/4	50	3/4	3		SF0840112	
8 9/16	2.50/4	220	4	3	50	1/2	3	SF0842708*		
9	2.80/4	295	4	3 1/2	50	3/4	4 1/4		SF0850112	
9	2.80/4	295	4	3 1/2	50	1/2	4 1/4	SF0852708*		
10 29/32	4.10/4	350	4	3 1/2	50	3/4	5 1/2		SF1060112	
10 29/32	4.10/4	350	4	3 1/2	50	1/2	5 1/2	SF1062708*		
13	4.10/6	445	4	4 1/2	50	1	6 1/4		SF1270116	
13	4.10/6	445	4	4 1/2	50	3/4	6 1/4	SF1272712		
13	4.10/6	445	4	4 1/2	50	1	10 1/4			SF1270916
14 19/32	5.30/6	785	4	4 1/2	65	1	9		SF1480116	
14 19/32	5.30/6	785	4	4 1/2	65	3/4	9	SF1482712		
16 3/16	4.80/8	1300	6	6	90	1	16			SF1680916
16 15/16	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	5.70/8	1530	6	6 1/2	75	1	25			SF1890916
21	6.90/9	2420	10	7	100	1 1/4	37 1/2			SF2190920
23 1/2	6.50/10	2775	10	6	100	1 1/4	38			SF2390920
25 11/16	7.50/10	3630	10	9	95	1 1/4	40			SF2590920

*Precision bearings now available. Replacement parts now available, consult factory.

SG Premium Quality Grey Pneumatic

See SF description above.

FEATURES

- 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 350 lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion for additional information

Wheel Diameter (Inches)	Tire Size/ Type (Inches)	Capacity (Lbs) (Rated for manual operation)	Hub Length (Inches)	Bearing ID (Inches)	Approx. Wt. (Inches)	Ply Rating	Air Pressure (PSI)	Bearing Type	Wheel Number
Grey Pneumatic (SG) 2" Tread Width									
8	2	210	2 7/16	1/2	3	4	50	Precision Ball	SG0822808
Grey Pneumatic (SG) 2.50" to 4.10" Tread Width									
8 19/32	2.50/4	220	2 3/4	3/4	3	4	30	Roller	SG0840112
8 19/32	2.50/4	220	3 1/2	1/2	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	Precision Ball	SG0852808
10 29/32	4.10/4	350	3 1/2	3/4	5 1/2	4	50	Roller	SG1060112
10 29/32	4.10/4	350	3 1/2	1/2	5 1/2	4	50	Precision Ball	SG1062808

SO Pneumatic Hand Truck

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)
Pneumatic Hand Truck Tire (SO)										
10 1/2	4.10/4	350	4	2 1/4 Offset	50	5/8	2	**S01062710**	**S01060110**	**S01062810**

FEATURES

- Black 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 350 lbs per tire
- Wheels can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity ... consult Albion for additional information

PHENOLIC WHEELS

Phenolic Wheels

Phenolic (TM) **152**

Heat Resistant Phenolic (TR) **153**

Laminated Phenolic (TL) **154**

Straight Sided Phenolic (TH/TS) **155**

TM Phenolic

TM 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

Less capacity compared to TM, but more heat resistant

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)
Phenolic (TM)								
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	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	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	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	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 11/16	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	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	3	2500	33 1/4	1 15/16	1	7 1/4	TM0850116	
8	3	2500	33 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 11/16	1 1/4	7		TM0850920
8	6**	5000	6 1/2	2 11/16	1 1/4	15 1/2		TM0890920
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 11/16	1 1/4	9 1/2		TM1050920
10	6**	5800	6 1/2	2 11/16	1 1/4	20 1/2		TM1090920
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 11/16	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.
^ 2 7/16" spanner and spacers included.
**Specially machined wheel built from 2 modified 3" tread width wheels.

TR Heat Resistant Phenolic

Heat Resistant

Made in the USA

TR have similar benefit of TM wheels, but are designed for higher heat applications. 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:** Reddish Brown
- **Temperature Range:** -65°F to +525°F (+475°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) (Rated for manual operation)	Hub Length (Inches)	Bore ID (Inches)	Bearing ID (Inches)	Approx. Wt. (LBS)	Wheel Number Roller (01, 05, 07)	Wheel Number Tapered Roller (09)
Phenolic (TR)								
4	2	600	2 3/16	1 3/16	1/2	1 1/2	TR0420108	
4	2	600	2 3/16	1 3/16	5/8	1 1/2	TR0420110	
4	2	600	2 3/16	1 3/16	3/4	1 1/2	TR0420112~	
5	2	750	2 3/16	1 3/16	1/2	1 3/4	TR0520108	
5	2	750	2 3/16	1 3/16	5/8	1 3/4	TR0520110	
5	2	750	2 3/16	1 3/16	3/4	1 3/4	TR0520112~	
6	2	900	2 3/16	1 3/16	1/2	2 1/2	TR0620108	
6	2	900	2 3/16	1 3/16	5/8	2 1/2	TR0620110	
6	2	900	2-3/16	1 3/16	3/4	2 1/2	TR0620112~	
6	3	1400	3 1/4	1 3/16	1	5	TR0650116	
6	3	1700	3 1/4	1 3/16	1 1/4	5	TR0650120	
6	3	1700	3 1/2	1 3/16	3/4	4 3/4		TR0650912
6	3	1700	3 1/2	1 3/16	1	4 3/4		TR0650916
6	3	1700	3 1/2	1 1/16	1 1/4	4 3/4		TR0650920
8	2	1100	2 3/16	1 3/16	5/8	4	TR0820110	
8	2	1100	2 3/16	1 3/16	3/4	4	TR0820112~	
8	3	1900	3 1/4	1 15/16	1	7 1/4	TR0850116	
8	3	1900	3 1/4	1 15/16	1 1/4	7 1/4	TR0850120	
8	3	1900	3 1/2	1 15/16	3/4	7		TR0850912
8	3	1900	3 1/2	2	1	7		TR0850916
8	3	1900	3 1/2	2 11/16	1 1/4	7		TR0850920
10	3	2400	3 1/4	1 15/16	1	9 3/4	TR1050116	
10	3	2400	3 1/4	1 15/16	1 1/4	9 3/4	TR1050120	
10	3	2400	3 1/2	1 15/16	3/4	9 1/2		TR1050912
10	3	2400	3 1/2	2	1	9 1/2		TR1050916
10	3	2400	3 1/2	2 11/16	1 1/4	9 1/2		TR1050920
12	3	2600	3 1/4	1 15/16	1	12 3/4	TR1250116	
12	3	2600	3 1/4	1 15/16	1 1/4	12 3/4	TR1250120	
12	3	2600	3 1/2	1 15/16	3/4	12 1/2		TR1250912
12	3	2600	3 1/2	2	1	12 1/2		TR1250916
12	3	2600	3 1/2	2 11/16	1 1/4	12 1/2		TR1250920

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
^ 2 7/16" spanner and spacers included.
**Specially machined wheel built from 2 modified 3" tread width wheels.

TL Laminated Phenolic

Premium Quality

Made in the USA

TL wheels feature a laminated tread that 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.

FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Brown with black core
- **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

40% greater capacity compared to TM 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 Roller (01, 05, 07)	Wheel Number Tapered Roller (09)
Phenolic (TR)								
8	2	1750	2 3/16	1 3/16	5/8	4	TL0820110	
8	2	1750	2 3/16	1 3/16	3/4	4	TL0820112~	
8	3	3125	3 1/4	1 15/16	1	7 1/4	TL0850116	
8	3	3125	3 1/4	1 15/16	1 1/4	7 1/4	TL0850120	
8	3	3125	3 1/2	1 15/16	3/4	7		TL0850912
8	3	3125	3 1/2	2	1	7		TL0850916
8	3	6250	3 1/2	2 11/32	1 1/4	7		TL0850920
10	3	3625	3 1/4	1 15/16	1	9 3/4	TL1050116	
10	3	3625	3 1/4	1 15/16	1 1/4	9 3/4	TL1050120	
10	3	3625	3 1/2	1 15/16	3/4	9 1/2		TL1050912
10	3	3625	3 1/2	2 11/32	1 1/4	9-1/2		TL1050920
12	3	4375	3 1/4	1 15/16	1	12 3/4	TL1250116	
12	3	4375	3 1/4	1 15/16	1 1/4	12 3/4	TL1250120	
12	3	4375	3 1/2	1 15/16	3/4	12 1/2		TL1250912
12	3	4375	3 1/2	2	1	12 1/2		TL1250916

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.
^ 2 7/16" spanner and spacers included.

TH/TS Straight Sided Phenolic

Economical

Made in the USA

TH/TS 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

Straight Sided Phenolic (TH, TS)

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)
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	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.

CASTER ACCESSORIES

Caster Brakes

Brakes for Medium & Heavy Duty Casters.....**157-158**

Brakes Kits.....**158**

Swivel Locks/Pads/Jacks

Swivel Locks.....**159**

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Floor Locks

16 Series ERGO (LE).....**160**

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Standard (LF).....**161**

Turntables.....**161**

Caster and Wheel Replacement Parts.....**162-163**

Caster Brakes

Brakes for Medium and Heavy Duty Casters

16 FBA Face Brake

Available on 16 Series.
Step down to engage and release brake. Will not work with swivel locks.

Part #	Dia.
FB140400	4"
FB140500	5"
FB140600	6"
FB140800	8"

FBB Face Brake

Available on 16, 18, 61, 62, 71, 72, 110, 170 Series.

Part #	Arm Angle	Dia.
WK060202WA	55°	6"
WK080202W	75°	8"

Available on 81, 310, 370 Series.

Part #	Dia.
WK062525WA	6"
WK082535W	8"
WK102535W	10"
WK122535W	12"

Available on 90, 410, 470 Series.

Part #	Dia.
WK060335WA	6"
WK080335W	8"
WK100335W	10"
WK120335W	12"

FBC Face Brake

Available on 18, 100, 110, and 170 Series.

Part #	Dia.
FB180400	4"
FB180500	5"
FB180600	6"
FB180800	8"

FBE Face Brake

Available on 16, 18, 61, 62, 71, 110 and 170 Series.
Works on 6" and 8" rigid casters.

Part #	Dia.
FB160400	4"
FB160500	5"
FB160600	6"
FB160800	8"

FBG Stainless Steel Face Brake

Available on 120 Series stainless steel. Works on 6" and 8" rigid casters.

Part #	Dia.
WK1200400	4"
WK1200500	5"
WK1200600	6"
WK1200800	8"

FBK Steel Face Brake

28 Series Part #	Dia.	38 Series	Dia.
FB280400	4"	FB380600	6"
FB280500	5"	FB380800	8"
FB280600	6"	FB381000	10"
FB280800	8"		

Works on 16, 18, 28, 110, 170, 62

Cam Brake

Available on 16, 18, 61, 62, 71, 72, 110 and 170 Series.
Works on swivel or rigid casters. Can be used with roller, Delrin, and Oilex bearings. May appear different on other series. Please note: Not all brake / bearing combinations will work – please consult factory.

Part #	
CAMXX2L	Long pedal
CAMXX2S	Short pedal

Total Lock Brake

Available on 16 Series.
6" rig requires 7-1/2" HS60 option.

Part #	Dia.
TL160400	4"
TL160500	5"
TL160600	6"
TL160800	8"

Integrated Poly Lock Brake

Available on 110, 310, 410, 600, 610 and 700 Series.
Laser cut design. Large poly brake pedal engages metal plate against wheel tread for positive braking. Brake can mount trailing or leading position (leading shown).

Continue on next page >>

Caster Brakes

Brakes for Medium and Heavy Duty Casters (continued)

Poly Cam Brake

Available on all swivel and rigid casters. Integrated design available on select models.
Add **P** to end of the part number for factory orders.

Single Side Brake

Available on all swivel and rigid casters, except stainless.
Right hand installation standard, left hand option available. Add **SSB** to end of part number for factory orders.

Double Side Brake

Available on all swivel and rigid casters, except stainless. Same as Single Side Brake, except brake on both sides. Add **DSB** to end of part number for factory orders.

Face Contact Brake

Available on all swivel and rigid casters, except stainless and spring loaded. Turn lever to apply shoe against wheel tread for positive locking action. Add **F** to end of part number for factory orders.

Swivel Locks

Welded Hand 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 on your caster, please refer to the individual caster series ACCESSORIES instructions.** For field installable locks, see chart at right to order correct swivel lock by series.

Field Installable Hand Operated

Field Installable Foot Operated

Series	Factory Install Code	Hand Operated Part Numbers	Foot Operated Part Numbers
Swivel Locks			
16	L	**SL16000013A**	**SL160002**
18	L	**SL16000013A**	N/A
40	L	**SL16000013A**	N/A
42	L	**SL810000**	N/A
44	L	**SL900000**	N/A
62	L	**SL620000**	N/A
72	L	**SL720000**	N/A
81	L	**SL810000**	N/A
90	L	**SL900000**	N/A
110	L	**SL16000013A**	**SL160002**
120	L	**SL1200000**	N/A
170	L	**SL16000013A**	**SL160002**
310	L	**SL3000000**	N/A
330	L	**SL3300000**	N/A
410	L	**SL4000000**	N/A
610	L	**SL6000000**	N/

Consult factory for optional top plates and if yoke base is notched

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
Quick Release Caster Pads		
Fits 4" x 4 1/2" Top Plate	16	**PC160000**
Fits 4" x 4 1/2" Top Plate	18, 110	**PC110000**
Fits 4 1/2"" x 6 1/4" Top Plate	62, 63, 72, 16 Pattern K, 310	**PC620000**

Leveling Jacks

- Retractable Folding Hand Crank
- Reinforced rubber pad on base
- Zinc plated for corrosion resistance
- For leveling, stabilizing and elevating portable equipment

Overall Height	Min. Ht. Below Frame of Equipment	Max. Extended Ht. Below Frame of Equipment	Length of Screw Travel	Approx. Weight (lbs)	Part Number
Leveling Jacks					
18"	4 1/2"	13 1/2""	9"	10 1/2	**LJ625000**
26"	4 1/2"	21 1/2""	17"	12 1/2	**LJ622000**

Field Installable Toe Guards

- Easy to install! No drilling or modification needed to fit existing casters
- Safety yellow powder coat finish
- Durable 1/4" steel construction
- 1/2" clearance from floor
- Made in the USA

Caster Wheel Dia.	Tread Width	Recommended Series	Toe Guard Part Number
4"	2"	28, 38, 110	**TGRD04X2**
5"	2"	28, 38, 110	**TGRD05X2**
6"	2"	28, 38, 110	**TGRD06X2**
	3"	310, 410	**TGRD06X3**
8"	2"	28, 38, 110	**TGRD08X2**
	3"	310, 410	**TGRD08X3**
10"	3"	310, 410	**TGRD10X3**
12"	3"	310, 410	**TGRD12X3**

Kit Comes With:

- *High visibility toe guard*
- *Axle and axle nut*
- *Set allen screws specially designed to stabilize toe guard on fork*

LE 16 Series ERGOnomic Floor Locks

Caster Wheel Diameter (Inches)	Caster Series Number	Caster Height (Inches)	Retracted Clearance (Inches)	Approx. Wt. (LBS)	Floor Lock Number
LE ERGOnomic Floor Locks					
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**

FEATURES

- 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

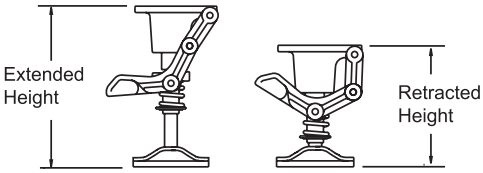
Easy to engage. Simply push down on ergonomically designed extended pedal to activate.

Easy to disengage. Simply push down on top pedal to deactivate.

LF Cast Iron Floor Locks

This floor 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.

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
LF Cast Iron Floor Locks							
4	5 5/8	4 11/16	3 11/16 x 5 3/8	2-5/8 x 3 5/8	3/8	8	**930LF0410U**
4	5 13/32	4 11/16	3 11/16 x 5 3/8	2 5/8 x 3 5/8	3/8	8	**920LF0430U**
6	7 1/4	6 1/4	4 1/2 x 6	2 7/16 x 4 15/16	1/2	10	**980LF0550S**
6	7 3/4	6 3/4	4 1/2 x 6	2 7/16 x 4 15/16	1/2	10	**940LF0600U**
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**



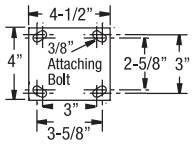
FEATURES

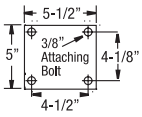
- **Brake Shoe:** Large, non-skid, molded rubber for solid, no-slip contact
- **Foot Pedal:** Adjusted by slight foot pressure for simple, instant locking
- **Finish:** Painted

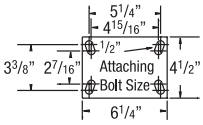
LF Standard Floor Locks

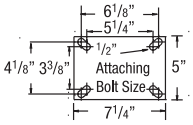
Designed to hold portable equipment in a desired location. Intended for use on level surfaces. Floor lock is activated by toe pressure on the extension pedal or released by toe touching one of the dual retractable plates. The large non-skid brake pad, under high spring compression, holds the portable piece of equipment until released. For best results, units should be used in pairs.

Caster Wheel Diameter (Inches)	Caster Series Number	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (LBS)	Floor Lock Number
16/71 Series Floor Locks					
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**
12/61 Series Floor Locks					
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 Floor Locks					
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 Floor Locks					
6	90	8	1	6	**90LF0680**
8	90	10 1/2	1	6 1/2	**90LF0880**



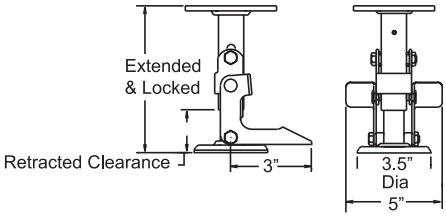






FEATURES

- **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 plating for long-use



Turntables

Turntable Description	Top Plate Size (Inches)	Overall Height (Inches)	Capacity (LBS)	Part Number
Shockmaster Turntables				
1/2" thick mounting plates, 3/4" ball bearings (4-1/2" raceway)	6 1/4" X 7 1/4"	2 3/4"	10000	**TT600000**
1/2" thick mounting plates, 3/4" ball bearings (7" raceway)	8 1/2" X 8 1/2"	3 1/8"	20000	**TT700000**
Turntables				
1/4" thick mounting plates, 3/8" ball bearings	4" X 4 1/2"	1 17/32"	1400	**TT110000**
5/16" mounting plates, 1/2" ball bearings	4 1/2" X 6 1/4"	1 3/4"	4100	**TT310000**
3/8" thick mounting plates, 1/2" ball bearings	5 1/4" X 7 1/4"	1 3/4"	5400	**TT410000**
1/2" thick mounting plates, 3/4" ball bearings (4-1/2" raceway)	6 1/4" X 7 1/4"	2 25/32"	9500	**TT610000**

APPLICATIONS

- Manufacturing
- Packaging
- Assembly
- Repairs
- Material Handling
- Displays
- Painting
- More ...

Replacement Parts

Axle and Bearing Components for Standard Models (Consult factory for parts not in this chart)

Caster Number	Wheel Hub Length (Inches)	Axle Hollow	Axle Solid	Nut	Lock Nut	Spanner Bushing	Lock Washer	Roller Bearing	Plain Retaining Washer	Sealed Retaining Washer	Nylon Sealed Combo-Washer	Metal Combo-Washer	Thrust Washer
16, 18, 28, 38, 40, 61, 62, 71, 72 110, 170, 141	2 3/16"	05953.75	ZJ085403	67260.15	NL082000	52000.08		32084.30	52006.79	WA121990	WA121905	30116.02	WA122600
120	2 3/16"	AXLEZRKEX2SS	AXLESLDEX2SS	AXLENUTEX2SS	SPANNEREX2SS			BRGCROLLEX2SS	WA121904	WA121990	WA121905		WA122603
42, 62, 72	2 3/4"	ZJ086400	ZJ086403		NL082000	ZF081248		ZB121940	52006.79	WA121990	WA121905	30116.02	WA122600
44, 81, 90, 310, 410, 610	3 1/4"	ZJ127600		NL121001		ZF121657		ZB163148	WA163103	WA163190		WA163199	WA163900
330	3 1/4"	ZJ12801001		NJ121000		ZF12165703	WA122006	ZB16314803	WA16310304				WA16390005
600	3 1/4"		ZJ16149604		NL161403	ZF162073		ZB203148	WA203103				WA204800
90	4 1/4"	ZJ169601			NL161403	ZF162073			WA203903				WA204800
600, 610	4 1/4"		ZJ16149604		NL161403	ZF162073		ZB203964	WA203903				WA204800

Axles and Nuts

	Diameter	Length
Axle Hollow		
AXLEZRKEX2	1/2	3 3/8
ZJ127600	3/4	4 3/4
Axle Solid		
ZJ085403	1/2	3 3/8
ZJ127603	3/4	4 3/4
Nut		
AXLENUTEX2		
NL121001		
AXLENUTEX2		
NL121001		
Nut Solid		
NL082000		
NL121001		

Bearings

Part Number	Bearing ID	Bearing OD	Bearing Length	Bearing Type
BRGROLLEX2	3/4	1 3/16	1 7/8	Roller
55000.22	3/4	1 3/16	1 7/8	Caged Roller
ZB163148	1	1 15/16	3	Roller
ZT082200	1/2	1 3/8		Tapered
ZT123100	3/4	1 15/16		Tapered
ZT163200	1	2		Tapered
ZT163900	1	2 7/16		Tapered
ZT203900	1 1/4	2 7/16		Tapered
ZT203920	1 1/4	2 11/32		Tapered
BRGPBALLEX2	1/2	1 3/16	1 1/4	Pedestal Precision
ZA123102	3/4	1 15/16	1 5/8	Pedestal Precision
BRGDELRNEX2	3/4	1 3/16		Flanged Delrin Bearing

Roller Bearing
ZB121930
Shown

Tapered Roller Bearing

Solid Axle & Nut
ZJ085409
Shown

Hollow Axle & Nut
ZJ085408
Shown

Delrin

Pedestal Precision Ball

Precision Ball

Spanners

Spanners	Bushing ID	Bushing OD	Bushing Length
SPANNEREX2	1/2	3/4	2 1/4
ZF121657	3/4	1	3 1/2

Spanner Bushing
ZF081239
Shown

Washers

Washers	Washer ID	Washer OD	Washer Type
WHLCAPPLEX2	3/4	1 3/16	Retaining Washer Plastic
WHLCAPSTEX2	3/4	1 3/16	Retaining Washer Steel
WA121905	3/4	1 3/16	Nylon Combo
WA163199	1	1 15/16	Sintered Washer

Metal Step Retaining Thrust Washer

Nylon Sealed Retaining Thrust Washer
WA121905
Shown

Sealed Retaining Thrust Washer

Replacement Parts

Tapered Roller Bearing

Tapered Roller Bearing and Spacers

Kit Number	Bearing ID (Inches)	Bearing OD (Inches)	Spacer Number	Spacer ID (Inches)	Spacer OD (Inches)	Spacer Length (Inches)
ZT082200	1/2	1 3/8	ZM082800	1/2	1 3/4	3/18
ZT123100	3/4	1 15/16	ZY121600	3/4	1	9/32
ZT163200	1	2	ZY162004	1	1 1/4	9/32
ZT163900	1	2 7/16	ZY162005	1	1 1/4	5/16
ZT203900	1 1/4	2 7/16	ZY202406	1 1/4	1 1/2	11/32
ZT203920	1 1/4	2 7/16	ZY202404	1 1/4	1 1/2	9/32
ZT205000	1 1/4	3 1/8	ZY202606	1 1/4	1 5/8	3/8
ZT244100	1 1/2	2 9/16	ZY242806	1 1/2	1 3/4	13/32
ZT245000	1 1/2	3 1/8	ZY242806	1 1/2	1 3/4	13/32

Industrial Ball

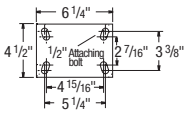
StainlesssPedestal Precision Ball

Precision Ball Stainless

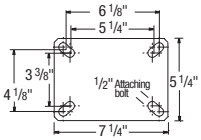
Other Bearing Types

Kit Number	Bearing ID (Inches)	Bearing OD (Inches)	Spacer Number	Spacer ID (Inches)	Spacer OD (Inches)
ZA081900	Industrial Ball	1/2	1 3/16	1 13/16	
ZA081902	Industrial Ball	1/2	1 3/16	2 7/16	
57703.11	Pedestal Precision Ball	1/2	1 3/16	1 1/4	
BRGPBALLEX2SS	Stainless Steel Pedestal Precision Ball	1/2	1 3/16	1 1/4	
ZA112500	Precision Ball	21/32	1 9/16	14/32	
ZT203920	1 1/4	2 7/16	ZY202404	1 1/4	1 1/2
ZT205000	1 1/4	3 1/8	ZY202606	1 1/4	1 5/8
ZT244100	1 1/2	2 9/16	ZY242806	1 1/2	1 3/4
ZT245000	1 1/2	3 1/8	ZY242806	1 1/2	1 3/4

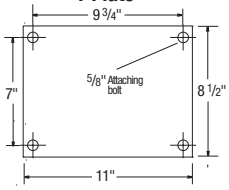
K Plate



P Plate



T Plate



Top Plate and Bolt Hole Center Charts

F & G Bolt Hole Centers (Inches)	D & E Top Plate Size (Inches)	Attaching Bolt (Inches)	Series 16, 110, 120, 141, 410, 415, S410	Series 310, 315, S310, 330	Series 95
Slotted for 3 3/8 x 5 1/4 to 2 7/16 x 4 15/16"	4 1/2x 6 1/4	1/2	K		
Slotted for 4 1/8 x 6 1/8 to 3 3/8 x 5 1/4	5 1/4 x 7 1/4	1/2		P	
7 x 9 3/4	8 1/2 x 11	5/8			T

Optional Overall Heights

Series	Wheel Diameter (Inches)	Optional Height (Inches)	Swivel Lead (Inches)	Swivel Option Number	Rigid Option Number
16	3 1/4	5 1/4	1 11/16	**HS42**	**HR42**
16	4	5 1/4	1 11/16	**HS86**	**HR86**
16	5	6 1/8	1 11/16	**HS50**	**HR50**
16	5	6 3/4	1 3/4	**HS54**	**HR54**
16	6	6 7/8	2 1/2	**HS56**	**HR56**
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**
16	8	10	1 3/4	**HS81**	**HR81**
62	8	9 1/2	2 1/4	**HS76**	**HR76**
62	8	9 3/4	1 3/4	**HS83**	**HR83**
63	8	9 1/2	2 1/4	**HS84**	**HR84**
110	8	9 1/2	2 1/4	**S01**	**R01**
170	8	9 1/2	2 1/4	**S01**	**R01**
120	8	9 1/2	2 1/4	**S01**	**R01**

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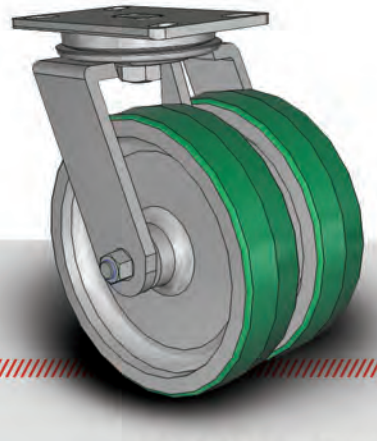

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Product Revisions CATALOG 2024

Colson Group Brand	Action	Removed	Replace With
shepherd	Removed Series	Institutional 3" to 5" Diameter	PEMCO A-Line
		Institutional 6" Diameter	Colson 2 Series 6"
		Starlet Series	Planet (closest)
		Satellite Series	Planet (closest)
		Cosmo Series	Saturn (closest)
		Nova Series	Saturn (closest)
	Removed Colors	Satin Chrome - decorative casters	Not Applicable, high MOQ required
		Brass plate - Pacer	
		Satin Chrome - Pacer	
ALBION	Removed Series	02	Colson 2 Series
		E5	PEMCO E-Line Stainless
		68	Albion 38 Series
		05	Defender
		41	Albion 42
		216	115 (Closest)
		263	Not Applicable
		281	Not Applicable
		290	Albion 415 Series
		295	Albion 615 Series
		Bassick Honcho	Not Applicable
		Jarvis Air Cargo	Albion 03
	Re-moved, but still available	DC	DC
		P2	P2
		04	04
		63	63
		92	92
		292	292
		93	93
		293	293

Colson Group Brand	Action	Removed	Replace With
colson	Removed Series	Enforcer 4 & 6	Albion 110
		Enforcer 7 & 8	Albion 310
		4 Series SS	Defender D4
		4 Series Encore	4 Series or Pemco E-line
		4 Series Encore SS	Pemco E-Line SS
	Removed Wheels	Commander	Albion NX
		Conquest	CG-Max
		Triumph	CG-Max
		Forged Steel	Albion FS
	Removed 2.5" - 3" Wide Tread Wheels	Mold on Rubber	Albion MR
		Mold on Polyurethane	Albion PY
		Phenolic	Albion TM
		Cast Iron	Albion CI
		V-Groove	Albion VG/VL
MedCaster	Removed Series	TW	Shepherd PUT
		GT	Shepherd PSF
		DL	Not Applicable
		SL	MedCaster BBTEK / DT
		Optimus	MedCaster Avant 75mm
		CH	MedCaster FX Chrome
		CX	MedCaster FX Chrome
		CP	Not Applicable
		SS (2" Wide)	Defender D4
		Original SX	MedCaster SX Gen 2
		AC	MedCaster SX Gen 2
		MP - Marquee	MedCaster Avant
		PG	MedCaster Avant
		PT	MedCaster TT & CT
		MU	MedCaster TT & CT
		PC	MedCaster 390 Series (Rhombus)
		PP	MedCaster 391 Series (Rhombus)
		PL	MedCaster TT & CT
		MB	MedCaster 390 & 391 (Rhombus)
		389	Not Applicable
		399	Available from Colson EU
		367	MedCaster FX Chrome

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