



# ATLANTA CASTER

WHEEL KEEP YOU ROLLING

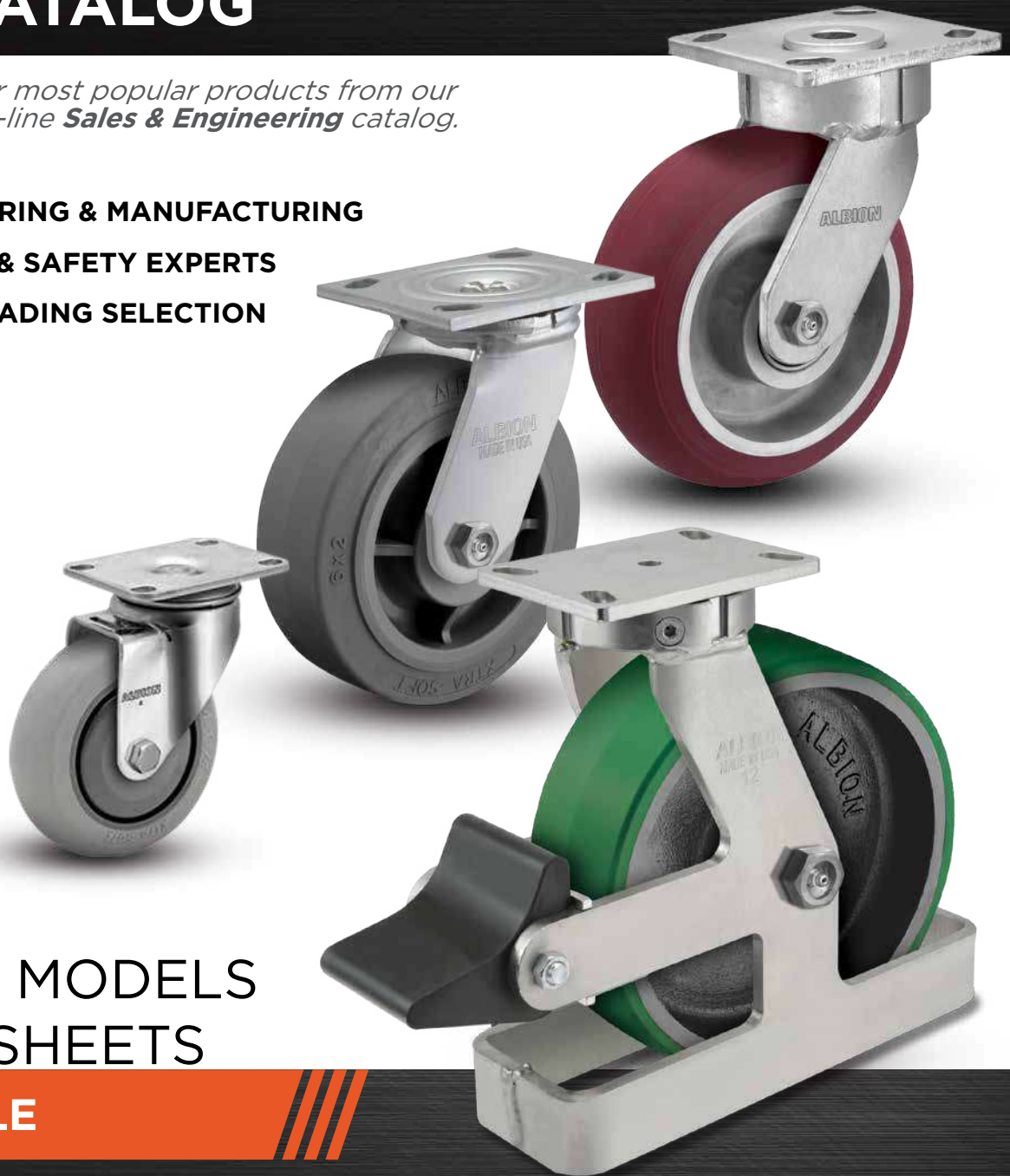


## MINI CATALOG

**2019**

*Our most popular products from our full-line **Sales & Engineering** catalog.*

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



3D CAD MODELS  
& DATASHEETS

**AVAILABLE**

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

## HEAVY-DUTY & MATERIAL HANDLING EXPERTS

For over 70 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.



### ■ 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.



### ■ CUSTOM SOLUTIONS

Albion is happy to partner with you when an off-the-shelf product does not meet your application requirements. We have the engineering expertise and technology to bring your custom mobility needs to life on-time and on-budget.



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.

### ■ 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.



#### NSF Rated

Many Albion casters are NSF listed for use in the food & beverage industries. Look under Features in each series for qualifying products.



#### 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

Designed to reduce the amount of force required to push, pull and turn a cart or product to reduce work related injuries. Gains in rollability will increase your efficiency.



#### Towing

Rig specifically designed for towing applications; consult factory before ordering to ensure wheel and bearing are properly specified for all power towed applications.



## 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.



## QUICK-START PRODUCT CATEGORIES

Full Visual Table of Contents  
Follows on Next Pages >>



**1 1/4" WIDE  
LIGHT DUTY**  
(up to 350 lbs.)

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**2" WIDE MEDIUM  
HEAVY DUTY &  
MAINTENANCE-  
FREE**

(up to 2,000 lbs.)



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**HEAVY DUTY  
KINGPINLESS  
& KINGPIN**  
(up to 17,000 lbs.)

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**14-23**

**STAINLESS  
STEEL**

(up to 3,000 lbs.)



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**SPRING-  
LOADED  
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**DUAL  
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**WHEEL  
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**Accessory  
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# Selection Guide How to Select the Right Caster Solution

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RIGS • KINGPINLESS • KINGPIN • MAINTENANCE FREE • WHEELS • BEARINGS

## Light Duty

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8-9



### 02 SERIES INSTITUTIONAL CASTERS

**Tread Width:** 1-1/4"  
**Capacity:** Up to 350 lbs. each

**Wheel Diameters:** 3", 3-1/2", 4", 5"  
**Brake:** Grip Lock, Face Contact, Total Lock

## Medium Heavy Duty

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### 16 SERIES CASTERS

**Tread Width:** 2" (1-1/2" option)  
**Capacity:** Up to 1250 lbs. each

**Wheel Diameters:** 3-1/4", 4", 5", 6", 8"  
**Brake:** Total Lock, Face Contact FBA, Face Contact FBE



16 Series USA-made rigs with 3/4" kingpin **last 40% longer** than leading imports with 5/8" kingpin.

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### 62 SERIES CASTERS

**Tread Width:** 2", 2-1/2"  
**Capacity:** Up to 1500 lbs. each

**Wheel Diameters:** 4", 5", 6", 8", 10"  
**Brake:** Face Contact, Cam

## Maintenance-Free Medium Heavy Duty Ergonomic and Quiet

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### 18 SERIES ERGONOMIC PRECISION CASTERS

**Tread Width:** 2"  
**Capacity:** Up to 1250 lbs. each

**Wheel Diameters:** 4", 5", 6", 8"  
**Brake:** Face Contact

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### 68 SERIES ERGONOMIC PRECISION CASTERS

**Tread Width:** 2"  
**Capacity:** Up to 2000 lbs. each

**Wheel Diameters:** 6", 8"

## Heavy Duty Kingpinless Designed to Handle Impact and Shock

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### 110 CONTENDER SERIES CASTERS

**Tread Width:** 2" (1-7/8" options)  
**Capacity:** Up to 2000 lbs. each

**Wheel Diameters:** 4", 5", 6", 8"  
**Brake:** Poly Lock Brake, Face Contact, Poly Cam



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### 310 CONTENDER SERIES CASTERS

**Tread Width:** 3"  
**Capacity:** Up to 4100 lbs. each

**Wheel Diameters:** 6", 8", 10", 12"  
**Brake:** Poly Lock Brake, Face Contact



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### 410 CONTENDER SERIES CASTERS

**Tread Width:** 3"  
**Capacity:** Up to 5400 lbs. each

**Wheel Diameters:** 6", 8", 10", 12"  
**Brake:** Poly Lock Brake, Face Contact



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### 170 EMPIRE ECONOMY SERIES CASTERS

**Tread Width:** 2"  
**Capacity:** Up to 1500 lbs. each

**Wheel Diameters:** 4", 5", 6", 8"  
**Brake:** Face Contact

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### 370 EMPIRE ECONOMY SERIES CASTERS

**Tread Width:** 3"  
**Capacity:** Up to 3000 lbs. each

**Wheel Diameters:** 6", 8", 10", 12"  
**Brake:** Face Contact

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### 470 EMPIRE ECONOMY SERIES CASTERS

**Tread Width:** 3"  
**Capacity:** Up to 3500 lbs. each

**Wheel Diameters:** 6", 8", 10", 12"  
**Brake:** Face Contact

## Heavy Duty Kingpin Legacy Heavy Duty Favorites

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### 81 SERIES CASTERS

**Tread Width:** 3"  
**Capacity:** Up to 2000 lbs. each

**Wheel Diameters:** 6", 8", 10", 12"  
**Brake:** Poly Cam, Face Contact

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### 90 SERIES CASTERS

**Tread Width:** 3"  
**Capacity:** Up to 3500 lbs. each

**Wheel Diameters:** 6", 8", 10", 12"  
**Brake:** Poly Cam, Face Contact

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### 95 SERIES (BBL/TRL) CASTERS

**Tread Width:** 3", 3-1/2", 4", 5"  
**Capacity:** BBL Up to 8000 lbs. each  
TRL Up to 17,000 lbs. each

**Wheel Diameters:** 6", 8", 10", 12", 16"  
**Brake:** Poly Cam, Face Contact

## Stainless Steel SS Safer and Longer Lasting in Harsh Environments

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### 04 SERIES CASTERS

**Tread Width:** 1-1/4"  
**Capacity:** Up to 350 lbs. each

**Wheel Diameters:** 3", 3-1/2", 4", 5"  
**Brake:** Grip Lock, Face Contact

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### 05 SERIES CASTERS

**Tread Width:** 2"  
**Capacity:** Up to 1200 lbs. each

**Wheel Diameters:** 4", 5", 6", 8"  
**Brake:** Cam, Face Contact

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### 120 SERIES CONTENDER KINGPINLESS CASTERS

**Tread Width:** 2"  
**Capacity:** Up to 1400 lbs. each

**Wheel Diameters:** 4", 5", 6", 8"  
**Brake:** Face Contact, Cam

Designed to Handle  
Impact and Shock

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### 330 SERIES CONTENDER KINGPINLESS CASTERS

**Tread Width:** 3"  
**Capacity:** Up to 3000 lbs. each

**Wheel Diameters:** 6", 8", 10", 12"  
**Brake:** Poly Cam

Designed to Handle  
Impact and Shock

## Spring-Loaded Overview Better Protection for your Equipment and Floors

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### AVAILABLE SERIES: 40, 42, 141, S310, S410, S610

**Tread Width:** 2", 2-1/2", 3"  
**Capacity:** Up to 500 to 3000 lbs. each

**Wheel Diameters:** 5", 6", 8", 10", 12"  
**Brake:** Consult factory

## Dual Wheel Overview More Stability and Higher Load Capacities

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### AVAILABLE SERIES: 115, 315, 415/615, 272/281, 290, 295

**Tread Width:** 1-1/2", 2", 2-1/2", 3", 3-1/2"  
**Capacity:** 2000 to 17,000 lbs. each

**Wheel Diameters:** : 3-1/4", 4", 5", 6", 8", 10", 12"  
**Accessories:** PLB Integrated Brake,  
Swivel Lock, Toe Guard  
Consult factory for additional options

## Wheel Overview The Right Wheel Can Make a Big Difference

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METAL • NYLON • POLYURETHANE • POLYOLEFIN • RUBBER • THERMOPLASTIC

## Accessory Overview Accessories Designed to Improve Your Caster Installations

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BRAKES • FLOOR LOCKS • SWIVEL LOCKS • TURNTABLES • BUMPERS • PADS • JACKS

# Selection Guide

## Rig Types

### Kingpin



- » Conventional caster construction
- » Variety of raceway designs to support performance and load requirements

### Heavy Duty Kingpinless



**LONGER LASTING THAN CONVENTIONAL CASTERS**

- » Best for rugged applications where impact, shock, or regular swiveling is present
- » Eliminates kingpin failures

### Maintenance-Free



- » No-maintenance design provides excellent ergonomics, reduced noise, and helps improve a plant's efficiency

### Stainless Steel



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

### Spring Loaded



- » Protects cargo and equipment from shocks and unwanted vibration

### Dual Wheels



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

## Wheel Bearings

### 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.

### 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.

### 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.

# Wheel Materials

Learn about our most popular wheels and what makes each wheel solution unique on pages 30-37.

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](http://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 (X-tra Soft, MG, NP, 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



# 02

## Institutional Casters

CAPACITY TO 350



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

### POPULAR WHEEL OPTIONS



**XR** Precision X-tra  
Soft Round Tread



**XS** X-tra Soft  
Rubber Flat Tread



**TM** Phenolic



**PB** Polypropylene



**XA** Polyurethane on  
Polypropylene



**CA** Cast Iron

### FLOOR LOCK OPTION



The Albion 02 Series floor locks are designed to hold your portable equipment in a desired location. Intended for use on level surfaces, the floor lock is activated by toe pressure on the extension pedal or released by toe touching one of the dual retractable plates. For best results, units should be used in pairs.



Premium Quality

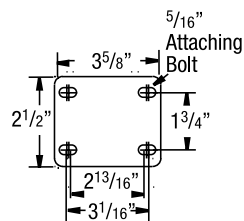


Environmentally Friendly

### FEATURES

- **Top Plate & Yoke:** Heavily embossed, formed steel to extend caster life under rugged conditions
- **Swivel Section:** Heat treated double ball bearing raceways to resist wear and improve maneuverability
- **Kingpin:** 1/2" hydraulically formed steel rivet
- **Axle:** 3/8" diameter hollow axle with lock nut
- **Finish:** All rigs are zinc plated to resist rust and corrosion
- **NSF** Listed for food service industry, consult factory
- Alternate or custom caster configurations available

### MOUNTING OPTIONS



**Threaded Stem**  
1/2" diameter  
13NC x 1", 1-1/2"  
or 2-1/2" long  
(see next page)



**Expandable Adapter**  
Kit numbers on next page. To order on caster, consult factory.

### RIG OPTIONS

- **Hollow kingpin** swivel rig available specify **YH** in place of wheel code (02YH03001S)

### BRAKE OPTIONS

To order, add brake code below to end of model. Example: 02XS05031S**GL**

### Grip Lock

specify **GL**



**Face Contact**  
specify **F**

### Total Lock

specify **T**



### TYPICAL APPLICATIONS

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

Caster Wheel Diameter (Inches)	Caster Series Number	Caster Height (Inches)	Retracted Clearance (Inches)	Approx. Wt. (Lbs)	Floor Lock Number
<b>LF 02 Series Floor Locks</b>					
3-1/2	02	4-11/16	3/4	2-3/4	<b>02LF03X80</b>
4	02	5-1/8	3/4	2-3/4	<b>02LF0480</b>
5	02	6-3/16	3/4	2-3/4	<b>02LF0580</b>



Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height Plate (Inches)	Overall Height Stem (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on manual operation)	Wheel Code	Wheel Type	Roller Bearing	Precision Ball Bearing*	Annular Ball Bearing	Delrin Bearing	Plain Bearing
3	1 1/4	4 1/4	4 3/32	1 5/15	200	XS	X-tra Soft Rubber Flat Tread			02XS03031S	02XS03051S	
					200	XR	Precision X-tra Soft Round Tread		02XR03028S			
					250	PB	Polypropylene				02PB03051S	02PB03041S
					300	XA	Polyurethane on Polypropylene		02XA03028S	02XA03031S	02XA03051S	
					350	TM	Phenolic	02TM03001S				02TM03041S
					200	CA	Cast Iron	02CA03001S				02CA03041S
3 1/2	1 1/4	4 11/16	4 17/32	1 1/4	250	XS	X-tra Soft Rubber Flat Tread			02XS03X31S	02XS03X51S	
					250	XR	Precision X-tra Soft Round Tread		02XR03X28S			
					350	XA	Polyurethane on Polypropylene		02XA03X28S	02XA03X31S	02XA03X51S	
					350	TM	Phenolic	02TM03X01S				02TM03X41S
					250	CA	Cast Iron	02CA03X01S				02CA03X41S
4	1 1/4	5 1/8	4 31/32	1 1/4	300	XS	X-tra Soft Rubber Flat Tread			02XS04031S	02XS04051S	
					300	XR	Precision X-tra Soft Round Tread		02XR04028S			
					350	PB	Polypropylene				02PB04051S	02PB04041S
					350	XA	Polyurethane on Polypropylene		02XA04028S	02XA04031S	02XA04051S	
					350	TM	Phenolic	02TM04001S				02TM04041S
					300	CA	Cast Iron	02CA04001S				02CA04041S
5	1 1/4	6 3/16	6 1/32	1 1/2	325	XS	X-tra Soft Rubber Flat Tread			02XS05031S	02XS05051S	
					325	XR	Precision X-tra Soft Round Tread		02XR05028S			
					350	PB	Polypropylene				02PB05051S	02PB05041S
					350	XA	Polyurethane on Polypropylene		02XA05028S	02XA05031S	02XA05051S	
					350	TM	Phenolic	02TM05001S				02TM05041S
					325	CA	Cast Iron	02CA05001S				02CA05041S

Prevenz™ antimicrobial models available on many wheels (consult factory)

\*Precision ball bearing models provide easiest push/pull for improved ergonomics.

Plate models shown in chart above are swivels, for rigid change "S" to "R"



Swivel

Rigid

**Threaded Stem Order Codes (To order, add to base number above.)**  
**Example:** 02RR03001S-**S32** **Note:** Threads are 1/2" Diameter 13 NC.



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

#### Expandable Adapter Kits\*

(Will work with casters ordered with 1/2" x 2 1/2" long threaded stems above; codes: -S33, -SX3, -S43, -S53)



#### Stem Description For Round and Square Tubing

3/4" to 7/8" (19.1mm to 22.2mm)
7/8" to 1" (22.2mm to 25.4mm)
1" to 1-1/8" (25.4mm to 28.6mm)
1-1/8" to 1-1/4" (28.6mm to 31.8mm)
1-1/4" to 1-1/2" (31.8mm to 38.1mm)
1-1/2" to 1-3/4" (38.1mm to 44.5mm)
1-3/4" to 2" (44.5mm to 50.8mm)

Kit Number
SX123200
SX143200
SX163200
SX183200
SX203200
SX243200
SX283200

\*Kits come in individual plastic bags and include nut, black rubber expander and white nylon spacer. Will work with casters ordered with 1/2" x 2 1/2" long threaded stems above; codes: 33, X3, 43, 53.

To order pre-installed adapters, consult factory.

#### Hollow Kingpin Swivel Rig



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

To order complete caster assembly, consult factory.

# 16 Series Medium Heavy Duty Casters

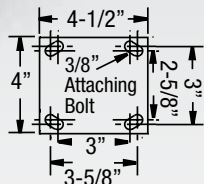
Made in the **USA**

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.

## STANDARD PLATE



16 Series USA-made rigs with 3/4" kingpin **last 40% longer** than leading imports with 5/8" kingpin.



Premium Quality



Environmentally Friendly

## FEATURES

- All caster rigs and many wheels **made in the USA** with **3-Year** warranty
- Improved zinc plated finish** for attractive appearance, better corrosion resistance and longer caster life
- Bigger kingpin:** New stronger 3/4" kingpin provides 40% longer rig life than leading imports with 5/8" kingpin
- 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 for roller bearing and Delrin models. Axle is solid for precision ball bearing models
- Wheel seals:** Nylon seal retaining/thrust washers
- Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle models

## RIG OPTIONS

- NSF Listed** food service industry, specify **NSF**
- Optional Overall Heights:** Consult factory

## POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 16XS06201**SFBA**



**Total Lock Brake** specify **T** specify optional 7 1/2" (HS-60) overall height model if ordering 6"

**Face Contact Brake** specify **FBA**



**Face Contact Brake** specify **FBE**

**Swivel Locks** For welded specify **L**. For field installable order **SL160000** separately



## TYPICAL APPLICATIONS

- Shop/Distribution Carts
- Dollies
- Waste disposal trucks
- Warehouse trucks
- Floor Trucks

## POPULAR WHEEL OPTIONS



**XS X-tra Soft (Flat Tread)**



**AX Polyurethane on Polypropylene**



**PD Polyurethane on Aluminum**








**TM Phenolic**



**NG Maxim® Nylon Glass**



**CA Cast Iron**

Wheel Diameter (Inches)		Tread Width (Inches)		Overall Height (Inches)		Swivel Lead (Inches)		Capacity (Lbs) (rated for nominal speed)		Wheel Code		Wheel Type	Base Swivel Caster Number In Chart For rigid models change "S" to "R" at end of base caster number.		
										Roller Bearing	Precision Ball Bearing		Delrin Bearing		
3 1/4	1 1/2	4 1/4	1 3/4	400	CA	Cast Iron				16CA03101	S				
	700			NG	Maxim® Nylon Glass				16NG03201	S		16NG03251	S		
4	1 1/2	5 5/8	1 11/16	600	PD	Polyurethane on Aluminum				16PD04101	S				
	600			CA	Cast Iron				16CA04101	S					
	700			AX	Polyurethane on Aluminum Round Tread						16AX04228	S			
	350			XS	X-tra Soft (Flat Tread)				16XS04201	S	16XS04228	S	16XS04251	S	
	800			NG	Maxim® Nylon Glass				16NG04201	S			16NG04251	S	
	800			TM	Phenolic				16TM04201	S			16TM04251	S	
	1000			CA	Cast Iron				16CA04201	S					
5	1 1/2	6 1/2	1 5/8	600	CA	Cast Iron				16CA05101	S				
	720			PD	Polyurethane on Aluminum				16PD05101	S					
	375			XS	X-tra Soft (Flat Tread)				16XS05201	S	16XS05228	S	16XS05251	S	
	1000			AX	Polyurethane on Aluminum Round Tread						16AX05228	S			
	1000			NG	Maxim® Nylon Glass				16NG05201	S			16NG05251	S	
	1000			TM	Phenolic				16TM05201	S			16TM05251	S	
	1250			CA	Cast Iron				16CA05201	S					
6	2	7 1/4	1 3/4	600	XS	X-tra Soft (Flat Tread)				16XS06201	S	16XS06228	S	16XS06251	S
	1200			AX	Polyurethane on Aluminum Round Tread						16AX06228	S			
	1200			NG	Maxim® Nylon Glass				16NG06201	S			16NG06251	S	
	1200			TM	Phenolic				16TM06201	S			16TM06251	S	
	1230			PD	Polyurethane on Aluminum				16PD06201	S					
	1250			CA	Cast Iron				16CA06201	S					
	675			XS	X-tra Soft (Flat Tread)				16XS08201	S	16XS08228	S	16XS08251	S	
	1250			AX	Polyurethane on Aluminum Round Tread						16AX08228	S			
8	2	9 1/2	1 3/4	1250	PD	Polyurethane on Aluminum				16PD08201	S				
	1250			NG	Maxim® Nylon Glass				16NG08201	S			16NG08251	S	
	1250			TM	Phenolic				16TM08201	S			16TM08251	S	
	1250			CA	Cast Iron				16CA08201	S					

Prevenz™ antimicrobial models available on many wheels (consult factory)

# 62

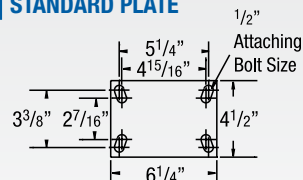
## Medium Heavy Duty Casters

CAPACITY TO 1500



Manufactured from cold-formed steel, this popular series features a heat treated king bolt and nut, ensuring durability and a longer caster life.

### STANDARD PLATE



Premium Quality



Environmentally Friendly

### 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

- NSF Listed** for food service industry, specify **NSF**
- Optional Overall Heights:** Consult factory

### POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 62XS06201S**CB62**



### TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production jigs and fixtures

### POPULAR WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on manual operation)	Wheel Code	Wheel Type	Roller Bearing	Precision Ball Bearing	Delrin Bearing
4	2	5 5/8	1 5/16	400	XS	X-tra Soft Flat Tread	62XS04201S	62XS04228S	62XS04251S
				800	TM	Phenolic	62TM04201S		
				1500	NX	Trionix™ High Impact		62NX04228S	
5	2	6 1/2	1 1/2	500	XS	X-tra Soft Flat Tread	62XS05201S	62XS05228S	62XS05251S
				1000	TM	Phenolic	62TM05201S		
				1000	AX	Polyurethane on Alum. Round Tread		62AX05228S	
				1500	NX	Trionix™ High Impact		62NX05228S	
				1500	FR	Ductile Iron Crowded Tread	62FR05201S		
6	2	7 1/2	1 3/4	600	XS	X-tra Soft Flat Tread	62XS06201S	62XS06228S	62XS06251S
				1200	TM	Phenolic	62TM06201S		
				1250	AX	Polyurethane on Alum. Round Tread		62AX06228S	
				1500	NX	Trionix™ High Impact		62NX06228S	
	2 1/2	7 1/2	1 3/4	1500	PF	Polyurethane on Iron (Yellow)		62PF06228S	
				1500	FR	Ductile Iron Crowded Tread	62FR06201S		
				1500	TM	Phenolic	62TM06407S		
				1500	TM	Phenolic	62TM08201S		
8	2	10 1/8	1 3/4	675	XS	X-tra Soft Flat Tread	62XS08201S	62XS08228S	62XS08251S
				1400	TM	Phenolic	62TM08201S		
				1500	NX	Trionix™ High Impact		62NX08228S	
				1500	AX	Polyurethane on Alum. Round Tread		62AX08228S	
	2 1/2	10 1/8	1 3/4	1500	PF	Polyurethane on Iron (Yellow)		62PF08228S	
				1500	FR	Ductile Iron Crowded Tread	62FR08201S		
				1500	TM	Phenolic	62TM08407S		
				1500	TM	Phenolic	62TM10407S		

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



# 18 Maintenance-Free Ergonomic Precision Casters

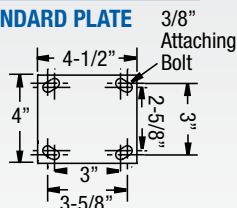
CAPACITY TO 1250



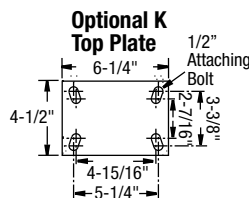
Ergonomically designed for ease of movement and quiet mobility. Sealed precision swivel bearing is maintenance free and significantly reduces push/pull force, keeping equipment operators safer and improving efficiency.

- Boost Efficiency
- Reduce Noise
- Work Safer

## STANDARD PLATE



## ADDITIONAL MOUNTING PLATE\*



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



Ergonomic



Premium Quality



Maintenance Free



Towing ^

## 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

## POPULAR ACCESSORIES

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

**Face Contact Brake** specify **FBC**



**Face Contact Brake** specify **FBB**

**Swivel Locks**

Hand operated:

**SL160000**

Foot operated:

**SL160002** field installable order separately



## TYPICAL APPLICATIONS

- Picking carts
- Light towing carts
- Just-in-time Carts
- AGV & tow line applications
- Hospital food carts

## POPULAR WHEEL OPTIONS



**XS X-tra Soft (Flat Tread)**



**XR X-tra Soft (Round Tread)**



**AX Polyurethane on Alum. Round Tread**



**NX Trionix™ High Impact Polymer**



**UA Magnum Round Tread Polyurethane**  
(Additional durometers available, see below)



(Capacities are different, consult factory to order)

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Rated for manual operation)	Wheel Code	Wheel Type	Precision Ball Bearing	Pedestal Precision Ball Bearing
4	2	55/8	111/16	350	XS	X-tra Soft (Flat Tread)	18XS04228S	18XS04229S
				700	UA	Magnum Round Tread Polyurethane 95A	18UA04228S	
				800	AX	Polyurethane on Aluminum Round Tread	18AX04228S	
				1250	NX	Trionix™ High Impact Polymer	18NX04228S	
5	2	61/2	15/8	375	XS	X-tra Soft (Flat Tread)	18XS05228S	18XS05229S
				1000	AX	Polyurethane on Aluminum Round Tread	18AX05228S	
				1250	NX	Trionix™ High Impact Polymer	18NX05228S	
				600	XS	X-tra Soft (Flat Tread)	18XS06228S	18XS06229S
6	2	71/2	13/4	450	XR	X-tra Soft (Round Tread)	18XR06228S	18XR06229S
				750	UA	Magnum Round Tread Polyurethane 95A	18UA06228S	
				1250	AX	Polyurethane on Aluminum Round Tread	18AX06228S	
				1250	NX	Trionix™ High Impact Polymer	18NX06228S	
8	2	91/2	13/4	675	XS	X-tra Soft (Flat Tread)	18XS08228S	18XS08229S
				600	XR	X-tra Soft (Round Tread)	18XR08228S	18XR08229S
				900	UA	Magnum Round Tread Polyurethane 95A	18UA08228S	
				1250	AX	Polyurethane on Aluminum Round Tread	18AX08228S	
				1250	NX	Trionix™ High Impact Polymer	18NX08228S	

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

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

# 68

## Maintenance Free Ergonomic Tow & Impact Casters

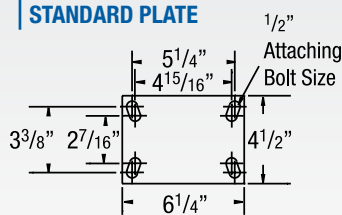
CAPACITY TO 2000



Specifically designed for rugged use at automotive plants, this series is exceptional for towing and impact applications when durability is needed. Special construction provides extremely smooth operation at all times.

- Boost Efficiency
- Reduce Noise
- Work Safer

### STANDARD PLATE



Ergonomic



Premium Quality



Maintenance Free



Towing<sup>^</sup>

### FEATURES

- **Top Plate & Yoke Base:** Cold formed from 5/16" steel plate
- **Swivel Section:** Precision sealed ball bearing eliminates need for routine maintenance
- **Legs:** 5/16" steel, formed to increase strength and welded on inside and outside of yoke base
- **Axle:** 1/2" diameter solid axle with lock nut
- **Finish:** Yellow zinc dichromate
- **Maintenance Free:** Lubrication unnecessary with maintenance free swivel section and wheel bearing design

### TYPICAL APPLICATIONS

- Towline carts
- Tilt carts
- Automotive line carts and racks
- Mother-daughter cart systems
- Custom-engineered manufacturing carts

### POPULAR WHEEL OPTIONS



95A

PM Polyurethane on Aluminum



80A

PM Polyurethane on Aluminum  
Butterscotch



85A

AX Polyurethane on Aluminum



78-82D

NX Trionix™ High Impact Polymer



63D

SE Solid Elastomer



75-80D

DT Heavy Duty Glass Filled Nylon



Standard 95A

UA Magnum Round Tread Polyurethane  
(Additional durometers available, see below)



80A

73D

70A

(Capacities are different, consult factory to order)

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Rated for manual operation)	Wheel Code	Wheel Type	Precision Ball Bearing	Pedestal Precision Ball Bearing
6	2	8 1/4	1 3/4	750	UA	Magnum	68UA06228S	
				1100	SE	Solid Elastomer	68SE06228S	
				1200	DT	Heavy Duty Glass Filled Nylon	68DT06228S	68DT06229S
				1250	PM	Polyurethane on Aluminum Green	68PM06228S	
				1250	PM	Polyurethane on Aluminum Butterscotch	68PM06228S80A	
				1250	AX	Polyurethane on Aluminum	68AX06228S	
				2000	NX	Trionix™ High Impact Polymer	68NX06228S	
8	2	10 1/4	2 5/16	900	UA	Magnum	68UA08228S	
				1200	SE	Solid Elastomer	68SE08228S	
				1400	DT	Heavy Duty Glass Filled Nylon	68DT08228S	68DT08229S
				1500	PM	Polyurethane on Aluminum Green	68PM08228S	
				1500	PM	Polyurethane on Aluminum Butterscotch	68PM08228S80A	
				1500	AX	Polyurethane on Aluminum	68AX08228S	
				2000	NX	Trionix™ High Impact Polymer	68NX08228S	

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

<sup>^</sup>Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

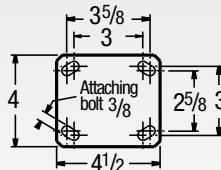
# 110 Impact & Shock Contender™ Kingpinless Casters

CAPACITY TO 2000



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

## STANDARD PLATE



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 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 bearing models)
- **Finish:** Zinc plating
- Alternate or custom caster configurations available

## RIG OPTIONS

- **Optional overall heights** of 9 1/2" for 8" wheel diameter models add **01** to end of caster number
- **Optional swivel leads** of 2-1/4" for 6" casters add **018** to end of model number. Optional swivel lead of 3-1/2" for 8" casters add **02**. Extended leads lower capacity.

## POPULAR ACCESSORIES

To order, add brake code below to end of caster number.

**Face Contact Brake**  
specify **FBC** (Not available with swivel lock)



**PLB Integrated Brake** 6" & 8" only, specify **PLB**

**Swivel Locks** field installable order **SL160000** separately

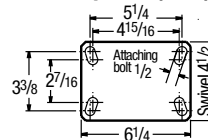


## TYPICAL APPLICATIONS

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

## ADDITIONAL MOUNTING PLATE

### Optional (PATK)



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)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (rated for normal operation)	Wheel Code	Wheel Type	Roller Bearing	Precision Ball Bearing	Pedestal Precision Ball Bearing
4	2	5 5/8	1 3/16	400	XS	X-tra Soft Flat Tread	110XS04201S	110XS04228S	110XS04229S
				700	PD	Polyurethane on Alum. Flat Tread	110PD04201S		
				700	UA	Magnum Polyurethane on Aluminum		110UA04228S	
				800	AX	Polyurethane on Alum. Round Tread		110AX04228S	
				1000	CA	Cast Iron	110CA04201S		
				2000	NX	Trionix™ High Impact Polymer		110NX04228S	
5	2	6 1/2	1 3/8	500	XS	X-tra Soft Flat Tread	110XS05201S	110XS05228S	110XS05229S
				1050	PD	Polyurethane on Alum. Flat Tread	110PD05201S		
				1000	AX	Polyurethane on Alum. Round Tread		110AX05228S	
				1300	CA	Cast Iron	110CA05201S		
				2000	NX	Trionix™ High Impact Polymer		110NX05228S	
6	2	7 1/2	1 9/16	600	XS	X-tra Soft Flat Tread	110XS06201S	110XS06228S	110XS06229S
				750	UA	Magnum Polyurethane on Aluminum		110UA06228S	
				1250	AX	Polyurethane on Alum. Round Tread		110AX06228S	
				1230	PD	Polyurethane on Alum. Flat Tread	110PD06201S		
				1400	CA	Cast Iron	110CA06201S		
				2000	PF	Polyurethane on Heavy Duty Cast Iron		110PF06228S	
				2000	NX	Trionix™ High Impact Polymer		110NX06228S	
8	2	10 1/8	2 1/4	675	XS	X-tra Soft Flat Tread	110XS08201S	110XS08228S	110XS08229S
				900	UA	Magnum Polyurethane on Aluminum		110UA08228S	
				1500	PD	Polyurethane on Alum. Flat Tread	110PD08201S		
				1500	AX	Polyurethane on Alum. Round Tread		110AX08228S	
				1800	CA	Cast Iron	110CA08201S		
				2000	PF	Polyurethane on Heavy Duty Cast Iron		110PF08228S	
				2000	NX	Trionix™ High Impact Polymer		110NX08228S	

## POPULAR WHEEL OPTIONS



XS X-tra Soft Flat



Ergonomic!

95A

PF Polyurethane on Heavy Duty Cast Iron



PD Polyurethane on Aluminum

Excellent steel wheel replacement!



NX Trionix™ High Impact Polymer



AX Polyurethane on Aluminum



CA Cast Iron



UA Magnum Polyurethane on Aluminum

(Available in multiple durometers, consult factory to order)

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



# 310

## Made in the **USA** Contender™ Kingpinless Casters CAPACITY TO 4100



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



Premium Quality



Towing^

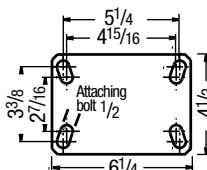


Environmentally Friendly

### FEATURES

- **3-Year warranty**
- **Laser cut steel construction**
- **Top Plate:** 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a heat treated precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out for strength
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating with clear coat, for greater corrosion resistance than paint

### STANDARD PLATE



### POPULAR ACCESSORIES

To order, add brake code below to end of model. Example:  
310PY08501S**PLB**



**PLB Integrated Brake**  
specify **PLB**



**Swivel Locks**  
field installable  
order **SL3000000**  
separately

### TOE GUARD



Specify **TO**  
for caster  
integrated toe  
guard.

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

### TYPICAL APPLICATIONS

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

### POPULAR WHEEL OPTIONS



**PY** Polyurethane on  
Cast Iron\*\*



**PD** Polyurethane  
on Aluminum



**PF** Polyurethane on  
Heavy Duty Cast Iron



**VY** Vulkollan®  
Polyurethane



**NX** Trionix™  
High Impact Polymer



**FR** Ductile Iron  
Crowned Tread

\*\*For PY 80A add "80A"  
to end of PY caster  
number. Swivel example:  
(310PY06501S**80A**):  
Capacity reduces 20%.



Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Rated for normal operation)	Wheel Code	Wheel Type	Roller Bearing	Tapered Roller Bearing	Precision Ball Bearing
6	3	7 1/2	1 3/8	2000	PY	Polyurethane on Cast Iron	310PY06501S	310PY06509S	
				3000	VY	Vulkollan® on Cast Iron	310VY06501S	310VY06509S	
				4000	PF	Polyurethane on Heavy Duty Cast Iron			310PF06528S
				4100	NX	Trionix™ High Impact Polymer			310NX06528S
				4100	FR	Ductile Iron Crowned Tread	310FR06501S	310FR06509S	
8	3	10 1/8	2 1/16	2500	PY	Polyurethane on Cast Iron	310PY08501S	310PY08509S	
				2520	PD	Polyurethane on Aluminum	310PD08501S	310PD08509S	310PD08528S
				4000	PF	Polyurethane on Heavy Duty Cast Iron			310PF08528S
				4000	VY	Vulkollan® on Cast Iron	310VY08501S	310VY08509S	
				4100	NX	Trionix™ High Impact Polymer			310NX08528S
10	3	11 1/2	2 1/4	4100	FR	Ductile Iron Crowned Tread	310FR08501S	310FR08509S	
				3000	PY	Polyurethane on Cast Iron	310PY10501S	310PY10509S	
				3000	PD	Polyurethane on Aluminum	310PD10501S	310PD10509S	310PD10528S
				4100	PF	Polyurethane on Heavy Duty Cast Iron			310PF10528S
				4100	NX	Trionix™ High Impact Polymer			310NX10528S
12	3	13 1/2	2 11/16	4100	VY	Vulkollan® on Cast Iron	310VY10501S	310VY10509S	
				4100	FR	Ductile Iron Crowned Tread	310FR10501S	310FR10509S	
				3500	PY	Polyurethane on Cast Iron	310PY12501S	310PY12509S	
				3500	PD	Polyurethane on Aluminum	310PD12501S	310PD12509S	310PD12528S
				4100	PF	Polyurethane on Heavy Cast Iron			310PF12528S
				4100	NX	Trionix™ High Impact Polymer			310NX12528S

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

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

### Selecting The Right HD Wheel For Your Application

#### PY:

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering

#### PD:

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

#### PF:

- High capacity formulation & construction
- Excellent ergonomic performance and value
- Standard precision ball bearing

#### VY:

- Highest quality formulation and capacities
- Lasts up to 40% longer than standard polyurethane
- High abrasion resistance

#### NX:

- High capacity and impact strength
- Superior rollability; standard precision ball bearings
- Best steel wheel replacement for added floor protection

# 410

**Made in the USA**  
**Contender™**  
**Kingpinless Casters**  
 CAPACITY TO 5400



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.



Premium Quality



Towing<sup>^</sup>

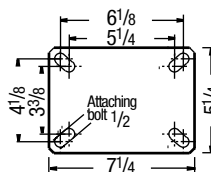


Environmentally Friendly

## FEATURES

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

## STANDARD PLATE



## POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 410PY08501**SPLB**



**PLB Integrated Brake** specify **PLB**

**Face Contact Brake** specify **FBB**



**Swivel Locks** field installable order **SL4000000** separately

## TOE GUARD



Specify **TO** for caster integrated toe guard.

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

## TYPICAL APPLICATIONS

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

<div>Wheel Diameter (Inches)</div> <div>Tread Width (Inches)</div> <div>Overall Height (Inches)</div> <div>Swivel Lead (Inches)</div> <div>Capacity (Lbs) (rated for manual operation)</div> <div>Wheel Code</div>							Base Swivel Caster Number In Chart For rigid models change "S" to "R" at end of base caster number.			
						Wheel Type	Roller Bearing	Tapered Roller Bearing	Precision Ball Bearing	
6	3	8	27/32	2000	PY	Polyurethane on Cast Iron	410PY06501S	410PY06509S		
				2900	PF	Polyurethane on Heavy Duty Cast Iron			410PF06528S	
				3000	VY	Vulkollan® on Iron	410VY06501S	410VY06509S		
				5400	NX	Trionix™ High Impact			410NX06528S	
				5400	FR	Ductile Iron Crowned Tread	410FR06501S	410FR06509S		
8	3	10 1/2	2 15/16	2500	PY	Polyurethane on Cast Iron	410PY08501S	410PY08509S		
				2520	PD	Polyurethane on Aluminum	410PD08501S	410PD08509S	410PD08528S	
				4000	VY	Vulkollan® on Iron	410VY08501S	410VY08509S		
				4000	PF	Polyurethane on Heavy Duty Cast Iron			410PF08528S	
				2000	XP	X-treme Plus Solid Polyurethane			410XP08528S	
				5400	NX	Trionix™ High Impact			410NX08528S	
				5400	FR	Ductile Iron Crowned Tread	410FR08501S	410FR08509S		
10	3	12 1/2	3 3/8	2500	XP	X-treme Plus Solid Polyurethane			410XP10528S	
				3000	PY	Polyurethane on Cast Iron	410PY10501S	410PY10509S		
				3000	PD	Polyurethane on Aluminum	410PD10501S	410PD10509S	410PD10528S	
				4200	PF	Polyurethane on Heavy Duty Cast Iron			410PF10528S	
				5000	VY	Vulkollan® on Iron	410VY10501S	410VY10509S		
				5400	FR	Ductile Iron Crowned Tread	410FR10501S	410FR10509S		
12	3	15 1/2	4 5/16	3500	PY	Polyurethane on Cast Iron	410PY12501S	410PY12509S		
				3500	PD	Polyurethane on Aluminum	410PD12501S	410PD12509S	410PD12528S	
				4100	PF	Polyurethane on Heavy Cast Iron			410PF12528S	
				5300	VY	Vulkollan® on Iron	410VY12501S	410VY12509S		
				5400	NX	Trionix™ High Impact			410NX12528S	

<sup>^</sup>Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

## Selecting The Right HD Wheel For Your Application

### PY:

- Our standard, versatile polyurethane formulation
- Introductory capacity range of our premium wheel offering

### PD:

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

### PF:

- High capacity formulation & construction
- Excellent ergonomic performance and value
- Standard precision ball bearing

### VY:

- Highest quality formulation and capacities
- Lasts up to 40% longer than standard polyurethane
- High abrasion resistance

### NX:

- High capacity and impact strength
- Superior rollability; standard precision ball bearings
- Best steel wheel replacement for added floor protection

## POPULAR WHEEL OPTIONS



**PY** Polyurethane on Cast Iron



**XP** X-treme Plus Solid Polyurethane



**PD** Polyurethane on Aluminum



**NX** Trionix™ High Impact



**VY** Vulkollan® on Iron



**FR** Ductile Iron Crowned Tread



**PF** Polyurethane on Heavy Duty Cast Iron

Vulkollan® is a registered trademark of Covestro.



# 170

## Empire Economical Impact & Shock Kingpinless Casters

CAPACITY TO 1500



One-year standard warranty. Ideal for economical applications where standard kingpin casters simply will not hold-up due to shock or impact. Also see our premium 3-year warranty offering, the 110 Series on page 14.



Economical



Ergonomic

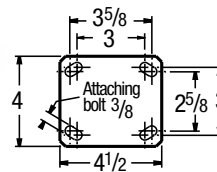


Towing<sup>^</sup>

### FEATURES

- **1-Year** standard warranty
- **Top Plate:** 5/16" AISI 1045 steel
- **Yoke Base:** Notched AISI 1045 steel
- **Swivel Section:** One row of 3/8" ball bearings are mounted in a **heat treated** 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

### STANDARD PLATE



### POPULAR ACCESSORIES

To order, add brake code below to end of caster number



**Face Contact Brake**  
specify **FBB**

**Face Contact Brake**  
specify **FBC** (Not available with swivel lock)



**Swivel Locks** field installable order **SL160000** separately

### TYPICAL APPLICATIONS

- Carts / Trucks
- Fixtures / Dollies

### POPULAR WHEEL OPTIONS



**TM Phenolic**



**MR Moldon Rubber**



**CA Cast Iron**



**RT Glass Filled Polypropylene**



**XS X-tra Soft Flat**



**PM Polyurethane on Aluminum**



**PM Polyurethane on Aluminum 80A**



**PF Polyurethane on Heavy Duty Cast Iron**

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on manual operation)	Wheel Code	Wheel Type	Roller Bearing	Precision Ball Bearing	Pedestal Precision Ball Bearing
4	2	5 5/8	1 3/16	300	MR	Moldon Rubber on Cast Iron	170MR04201S		
				400	XS	X-tra Soft Flat Tread	170XS04201S	170XS04228S	170XS04229S
				800	TM	Phenolic	170TM04201S		170TM04229S
				800	RT	Glass Filled Polypropylene	170RT04201S		170RT04229S
				1000	CA	Cast Iron	170CA04201S		
5	2	6 1/2	1 3/8	450	MR	Moldon Rubber on Cast Iron	170MR05201S		
				500	XS	X-tra Soft Flat Tread	170XS05201S	170XS05228S	170XS05229S
				1000	PM	Polyurethane on Alum. 95A		170PM05228S	
				1000	PM	Polyurethane on Aluminum (Butterscotch 80A)		170PM05228S80A	
				1000	TM	Phenolic	170TM05201S		170TM05229S
				1000	RT	Glass Filled Polypropylene	170RT05201S		170RT05229S
				1300	CA	Cast Iron	170CA05201S		
6	2	7 1/2	1 9/16	500	MR	Moldon Rubber on Cast Iron	170MR06201S		
				600	XS	X-tra Soft Flat Tread	170XS06201S	170XS06228S	170XS06229S
				1200	TM	Phenolic	170TM06201S		170TM06229S
				1200	RT	Glass Filled Polypropylene	170RT06201S		170RT06229S
				1250	PM	Polyurethane on Alum. 95A		170PM06228S	
				1250	PM	Polyurethane on Aluminum (Butterscotch 80A)		170PM06228S80A	
				1400	CA	Cast Iron	170CA06201S		
				1500	PF	Polyurethane on Iron (Yellow)		170PF06228S	
8	2	9 1/2	2 1/4	600	MR	Moldon Rubber on Cast Iron	170MR08201S01		
				675	XS	X-tra Soft Flat Tread	170XS08201S01	170XS08228S01	170XS08229S01
				1400	TM	Phenolic	170TM08201S01		170TM08229S01
				1400	RT	Glass Filled Polypropylene	170RT08201S01		170RT08229S01
				1500	PM	Polyurethane on Alum. 95A		170PM08228S01	
				1500	PM	Polyurethane on Aluminum (Butterscotch 80A)		170PM08228S0180A	
				1500	CA	Cast Iron	170CA08201S01		
				1500	PF	Polyurethane on Iron (Yellow)		170PF08228S01	

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

<sup>^</sup>Towing: Consult factory prior to ordering to ensure selection supports your towing requirement



# 370

## Empire Economical Impact & Shock Kingpinless Casters

CAPACITY TO 3000



Ideal for applications that are on the border of exceeding 2" wide safety factors, or where a premium 3" wide caster may be overkill for the application or budget. This series provides that next step in a trusted, economical solution. Be sure to also review our premium 3" wide series – featuring USA-made rigs, higher load capacities, performance wheels, and longer warranty on page 15.



Economical



Towing<sup>^</sup>



Environmentally Friendly

### FEATURES

- **1-Year** standard warranty
- **Top Plate:** 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- **Kingpinless construction** eliminates kingpin failure, and better handles shock/impact
- **Tested:** ANSI ICWM:2012 tested for capacities up to 3,000 lbs.
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating

### POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 370PE08501S**FBB**

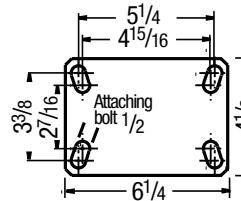


**Swivel Locks** field installable order **SL3000000** separately

### TYPICAL APPLICATIONS

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

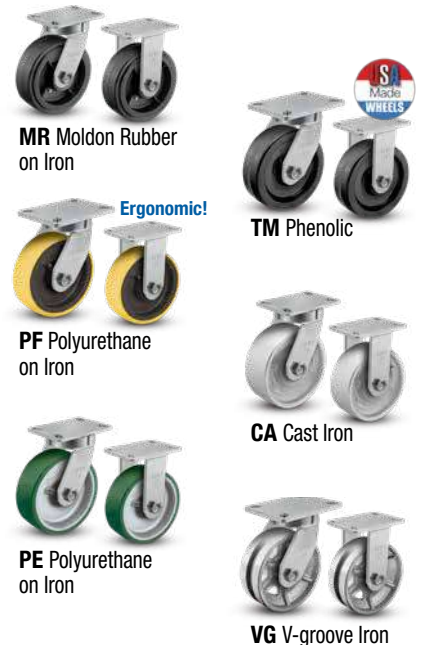
### STANDARD PLATE



<div>Wheel Diameter (Inches)</div> <div>Tread Width (Inches)</div> <div>Overall Height (Inches)</div> <div>Swivel Lead (Inches)</div> <div>Capacity (Lbs) (Rated for manual operation)</div> <div>Wheel Code</div>										<div>Base Swivel Caster Number In Chart</div> <div>For rigid models change “S” to “R” at end of base caster number.</div>									
										Wheel Type	Roller Bearing	Ergonomic Precision Ball Bearing							
6	3	7 1/2	1 3/8	750	MR	Moldon Rubber on Iron	370MR06501S												
				2000	TM	Phenolic	370TM06501S												
				2000	PE	Polyurethane on Iron (Green)	370PE06501S												
				2800	CA	Cast Iron Iron	370CA06501S												
				2900	PF	Polyurethane on Iron (Yellow)				370PF06528S									
8	3	10 1/8	2 1/16	900	MR	Moldon Rubber on Iron	370MR08501S												
				2500	TM	Phenolic	370TM08501S												
				2500	PE	Polyurethane on Iron (Green)	370PE08501S												
				2500	VG	V-Groove Iron	370VG08501S												
				2800	CA	Cast Iron	370CA08501S												
10	3	11 1/2	2 1/4	3000	PF	Polyurethane on Iron (Yellow)				370PF08528S									
				1000	MR	Moldon Rubber on Iron	370MR10501S												
				2800	CA	Cast Iron	370CA10501S												
				2900	TM	Phenolic	370TM10501S												
				3000	PE	Polyurethane on Iron (Green)	370PE10501S												
12	3	13 1/2	2 11/16	3000	PF	Polyurethane on Iron (Yellow)				370PF10528S									
				3000	VG	V-Groove Iron	370VG10501S												
				1200	MR	Moldon Rubber on Iron	370MR12501S												
				2800	CA	Cast Iron	370CA12501S												
				3000	TM	Phenolic	370TM12501S												
				3000	PE	Polyurethane on Iron (Green)	370PE12501S												
				3000	PF	Polyurethane on Iron (Yellow)				370PF12528S									

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

### POPULAR WHEEL OPTIONS



<sup>^</sup>Towing: Consult factory prior to ordering to ensure selection supports your towing requirement.

# 470 Empire Economical Impact & Shock Kingpinless Casters

CAPACITY TO 3500



Ideal for applications that are on the border of exceeding 2" wide safety factors, or where a premium 3" wide caster may be overkill for the application or budget. This series provides that next step in a trusted, economical solution. Be sure to also review our premium 3" wide series – featuring USA-made rigs, higher load capacities, performance wheels, and longer warranty on page 16.



Premium Quality



Towing<sup>^</sup>



Environmentally Friendly

## FEATURES

- **1-Year** standard warranty
- **Top Plate:** 3/8" AISI 1045 heat treated steel welded inside and out for longer life
- **Kingpinless construction** eliminates kingpin failure, and better handles shock/impact
- **Tested:** ANSI ICWM:2012 tested for capacities up to 3,500 lbs.
- **Yoke Base:** Notched AISI 1045 steel
- **Legs:** 3/8" thick welded inside and out
- **Axle:** 3/4" diameter
- **Finish:** RoHS Zinc plating

## POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 470PE08501S**FBB**



**Face Contact Brake** specify **FBB**

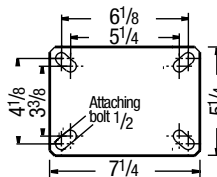
**Swivel Locks** field installable order **SL4000000** separately



## TYPICAL APPLICATIONS

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

## STANDARD PLATE



Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on rated load)	Wheel Code	Wheel Type	Roller Bearing	Ergonomic Precision Ball Bearing
6	3	8	27/32	750	MR	Moldon Rubber on Iron	470MR06501S	
				2000	TM	Phenolic	470TM06501S	
				2000	PE	Polyurethane on Iron (Green)	470PE06501S	
				2800	CA	Cast Iron	470CA06501S	
				2900	PF	Polyurethane on Iron (Yellow)		470PF06528S
8	3	10 1/2	2 15/16	900	MR	Moldon Rubber on Iron	470MR08501S	
				2500	TM	Phenolic	470TM08501S	
				2500	PE	Polyurethane on Iron (Green)	470PE08501S	
				2500	VG	V-Groove Iron	470VG08501S	
				2800	CA	Cast Iron	470CA08501S	
10	3	12 1/2	3 3/8	3500	PF	Polyurethane on Iron (Yellow)		470PF08528S
				1000	MR	Moldon Rubber on Iron	470MR10501S	
				2800	CA	Cast Iron	470CA10501S	
				2900	TM	Phenolic	470TM10501S	
				3000	PE	Polyurethane on Iron (Green)	470PE10501S	
12	3	15 1/2	4 5/16	3500	PF	Polyurethane on Iron (Yellow)		470PF10528S
				3500	VG	V-Groove Iron	470VG10501S	
				1200	MR	Moldon Rubber on Iron	470MR12501S	
				2800	CA	Cast Iron	470CA12501S	
				3500	TM	Phenolic	470TM12501S	
				3500	PE	Polyurethane on Iron (Green)	470PE12501S	
				3500	PF	Polyurethane on Iron (Yellow)		470PF12528S

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

## POPULAR WHEEL OPTIONS



**MR** Moldon Rubber on Iron



**PF** Polyurethane on Iron



**PE** Polyurethane on Iron



**TM** Phenolic



**CA** Cast Iron



**VG** V-groove Iron

<sup>^</sup>Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

# 81

## 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.



Premium Quality

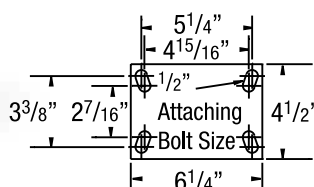


Environmentally Friendly

### 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

### STANDARD PLATE



### POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 81PY06501SP

**Poly Cam Brake**  
specify **P**



**Face Contact Brake**  
specify **FBB**

**Swivel Locks** For welded specify **L**. For field installable order **SL810000** separately



### TYPICAL APPLICATIONS

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

### POPULAR WHEEL OPTIONS



**MR Moldon Rubber**  
on Cast Iron

Excellent steel wheel replacement!



**NX Trinox™ High Impact**



**PF Polyurethane**  
on HD Cast Iron



**PY Polyurethane**  
on Cast Iron



**TM Phenolic**



**PD Polyurethane**  
on Aluminum



**CA Cast Iron**

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Rated for manual operation)	Wheel Code	Wheel Type	Roller Bearing	Precision Ball Bearing
6	3	7 5/8	1 1/2	750	MR	Moldon Rubber on Cast Iron	81MR06501S	
				2000	PY	Polyurethane on Cast Iron	81PY06501S	
				2000	PF	Polyurethane on Heavy Duty Cast Iron		81PF06528S
				2000	TM	Phenolic	81TM06501S	
				2000	NX	Trinox High Impact Polymer		81NX06528S
8	3	10 1/8	2 1/4	900	MR	Moldon Rubber on Cast Iron	81MR08501S	
				2000	PY	Polyurethane on Cast Iron	81PY08501S	
				2000	PD	Polyurethane on Aluminium	81PD08501S	
				2000	PF	Polyurethane on Heavy Duty Cast Iron		81PF08528S
				2000	TM	Phenolic	81TM08501S	
10	3	11 1/2	2 1/2	2000	NX	Trinox High Impact Polymer		81NX08528S
				2000	CA	Cast Iron	81CA08501S	
				1000	MR	Moldon Rubber on Cast Iron	81MR10501S	
				2000	PY	Polyurethane on Cast Iron	81PY10501S	
				2000	PF	Polyurethane on Heavy Duty Cast Iron		81PF10528S
12	3	13 1/2	3	2000	PD	Polyurethane on Aluminium	81PD10501S	
				2000	TM	Phenolic	81TM10501S	
				2000	NX	Trinox High Impact Polymer		81NX10528S
				2000	CA	Cast Iron	81CA10501S	
				1200	MR	Moldon Rubber on Cast Iron	81MR12501S	
				2000	PY	Polyurethane on Cast Iron	81PY12501S	
				2000	PF	Polyurethane on Heavy Duty Cast Iron		81PF12528S
				2000	PD	Polyurethane on Aluminium	81PD12501S	
				2000	TM	Phenolic	81TM12501S	
				2000	NX	Trinox High Impact Polymer		81NX12528S

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



# 90

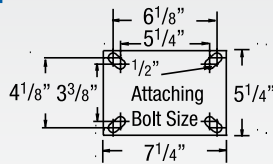
## 90 Heavy Duty Casters

CAPACITY TO 3500



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

### STANDARD PLATE



### FEATURES

- **Swivel Top Plate:** AISI 1045 drop forged steel, for strength and reliability
- **Yoke Base:** AISI 1045 drop forged steel with machined raceway for extended service life
- **Swivel Load Bearing:** 4" diameter deep-grooved load raceway with 1/2" steel balls for better load distribution. The thrust race is 2-5/8" diameter using 3/8" diameter steel balls for increased capacity
- **Legs:** 3/8" steel plate welded inside and out for added strength
- **King Bolt:** 1" diameter bolt heat treated for extended service
- **Axle:** 3/4" and 1" hollow axles are used for wheel bearing lubrication
- **Lubrication:** Zerk fitting in yoke base and in wheel hub or recessed in head of hollow axle
- Alternate or custom caster configurations available

### POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 90PY06501SP

**Poly Cam Brake**  
specify **P**



**Face Contact Brake**  
specify **FBB**



**Swivel Locks** For welded specify **L**. For field installable order **SL900000** separately



### 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

Wheel Diameter (Inches)				Tread Width (Inches)		Overall Height (Inches)		Swivel Lead (Inches)		Capacity (Lbs) (Based on manual operation)		Wheel Code		Wheel Type			Base Swivel Caster Number In Chart For rigid models change "S" to "R" at end of base caster number.		
																	Roller Bearing	Tapered Roller Bearing	Precision Ball Bearing
6	3	8	2 1/4	750	MR	Moldon Rubber on Cast Iron	90MR06501S	90MR06509S											
				2000	PY	Polyurethane on Cast Iron	90PY06501S	90PY06509S											
				2900	PF	Polyurethane on HD Cast Iron													90PF06528S
				2000	TM	Phenolic	90TM06501S												
				3500	NX	Trionix™ High Impact													90NX06528S
				2800	CA	Cast Iron	90CA06501S												
8	3	10 1/2	2 1/2	900	MR	Moldon Rubber on Cast Iron	90MR08501S	90MR08509S											
				2520	PD	Polyurethane on Aluminum	90PD08501S												
				2500	PY	Polyurethane on Cast Iron	90PY08501S	90PY08509S											
				3500	PF	Polyurethane on HD Cast Iron													90PF08528S
				2500	TM	Phenolic	90TM08501S												
				3500	NX	Trionix™ High Impact													90NX08528S
10	3	12 1/2	2 1/2	1000	MR	Moldon Rubber on Cast Iron	90MR10501S	90MR10509S											
				3000	PY	Polyurethane on Cast Iron	90PY10501S	90PY10509S											
				3500	PF	Polyurethane on HD Cast Iron													90PF10528S
				3000	PD	Polyurethane on Aluminum	90PD10501S												
				2900	TM	Phenolic	90TM10501S												
				3500	NX	Trionix™ High Impact													90NX10528S
12	3	15 1/2	2 1/2	2800	CA	Cast Iron	90CA10501S												
				1200	MR	Moldon Rubber on Cast Iron	90MR12501S	90MR12509S											
				3500	PY	Polyurethane on Cast Iron	90PY12501S	90PY12509S											
				3500	PF	Polyurethane on HD Cast Iron													90PF12528S
				3500	TM	Phenolic	90TM12501S												
				2800	CA	Cast Iron	90CA12501S												
				3500	NX	Trionix™ High Impact													90NX12528S

### POPULAR WHEEL OPTIONS



**MR** Moldon Rubber on Cast Iron



**TM** Phenolic



**NX** Trionix™ High Impact Polymer



**PY** Polyurethane on Cast Iron



**PF** Polyurethane on Heavy Duty Cast Iron



**CA** Cast Iron



**PD** Polyurethane on Aluminum

# 95

## 95 BBL Super Duty Casters (Ball Load Swivel)

CAPACITY TO 8000



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.



Premium Quality



Towing<sup>^</sup>

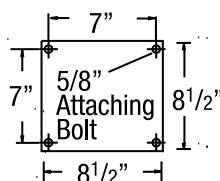


Environmentally Friendly

### 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

### STANDARD PLATE



### RIG OPTIONS

- **Sealed swivel** section specify **NS95**

### POPULAR ACCESSORIES

To order, add brake code after S if swivel or R if rigid and shorten BBL to B. Example: 95PY10709SPB

**Poly Cam Brake**  
specify **P**



**Face Contact Brake**  
specify **F**



**Swivel Locks**  
Welded  
specify **L**



### TYPICAL APPLICATIONS

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

### POPULAR WHEEL OPTIONS



**PY** Polyurethane on Cast Iron



**PX** Thick Tread Polyurethane on Cast Iron



**NX** Trionix™ High Impact Polymer



**VY** Vulkollan® on Iron



**FS** Drop Forged steel

Wheel Diameter (inches)	Tread Width (inches)	Overall Height (inches)	Swivel Lead (inches)	Capacity (Lbs) (Rated for manual operation)	Wheel Code	Wheel Type	Roller Bearing	Tapered Roller Bearing*	Precision Ball Bearing
6	3	9	2 1/4	7200	NX	Trionix™ High Impact Polymer			95NX06528SBBL
				8000	FS	Drop Forged Steel		95FS06509SBBL	
8	3	11	2 1/4	7200	NX	Trionix™ High Impact Polymer			95NX08528SBBL
	4			3850	PX	Thick Tread Polyurethane	95PX08701SBBL	95PX08709SBBL	
				8000	FS	Drop Forged Steel	95FS08701SBBL	95FS08709SBBL	
10	3	13	2 1/2	7200	NX	Trionix™ High Impact Polymer			95NX10528SBBL
				5000	FS	Drop Forged Steel	95FS10501SBBL	95FS10509SBBL	
				4200	PY	Polyurethane on Cast Iron	95PY10701SBBL	95PY10709SBBL	
	4			4620	PX	Thick Tread Polyurethane	95PX10701SBBL	95PX10709SBBL	
				6050	VY	Vulkollan® on Iron	95VY10701SBBL	95VY10709SBBL	
				8000	FS	Drop Forged Steel	95FS10701SBBL	95FS10709SBBL	
12		15 1/2	2 1/2	5000	PY	Polyurethane on Cast Iron	95PY10801SBBL	95PY10809SBBL	
	4			4800	PY	Polyurethane on Cast Iron	95PY12701SBBL	95PY12709SBBL	
				5280	PX	Thick Tread Polyurethane	95PX12701SBBL	95PX12709SBBL	
				6925	VY	Vulkollan® on Iron	95VY12701SBBL	95VY12709SBBL	
	5			6000	PY	Polyurethane on Cast Iron	95PY12801SBBL	95PY12809SBBL	
				6600	PX	Thick Tread Polyurethane	95PX12801SBBL	95PX12809SBBL	
16	4	19	3	5970	PY	Polyurethane on Cast Iron	95PY16701SBBL	95PY16709SBBL	
				6570	PX	Thick Tread Polyurethane	95PX16701SBBL	95PX16709SBBL	
				7700	PY	Polyurethane on Cast Iron	95PY16801SBBL	95PY16809SBBL	
	5			8470	PX	Thick Tread Polyurethane	95PX16801SBBL	95PX16809SBBL	

\*Use Tapered Roller Bearing for radial and thrust loading to achieve maximum capacity and durability.

<sup>^</sup>Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

# 95

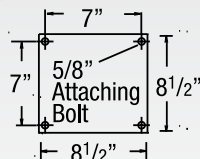
## 95 TRL Super Duty Casters (Tapered Thrust Swivel Section)

CAPACITY TO 17000



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.

### STANDARD PLATE



Premium Quality



Towing<sup>^</sup>



Environmentally Friendly

### 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 that 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

### TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants

### RIG OPTIONS

- **Sealed swivel** section specify **NS95**

### POPULAR ACCESSORIES

To order, add brake code after S if swivel or R if rigid and shorten TRL to T. Example: 95PY10709SP

**Poly Cam Brake**  
specify **P**



**Face Contact Brake**  
specify **F**



**Swivel Locks**  
Welded  
specify **L**



Wheel Diameter (Inches)		Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on manual operation)	Wheel Code	Base Swivel Caster Number In Chart For rigid models change "S" to "R" at end of base caster number.		
							Roller Bearing	Tapered Roller Bearing*	Precision Ball Bearing
6	3	9	2 1/4	7200	NX	Trionix™ High Impact Polymer			95NX06528
				3000	VY	Vulkollan® on Iron	95VY06501	95VY06509	TRL
				17000	FH	Large Bore Drop Forged Steel		95FH06509	TRL
8	4	11	2 1/4	7200	NX	Trionix™ High Impact Polymer			95NX08528
				3800	PY	Polyurethane on Cast Iron	95PY08701	95PY08709	TRL
				17000	FH	Large Bore Drop Forged Steel		95FH08709	TRL
				3850	PX	Thick Tread Polyurethane	95PX08701	95PX08709	TRL
				5050	VY	Vulkollan® on Iron	95VY08701	95VY08709	TRL
10	4	13	2 1/2	7200	NX	Trionix™ High Impact Polymer			95NX10528
				6050	VY	Vulkollan® on Iron	95VY10501	95VY10509	TRL
				6000	FH	Large Bore Drop Forged Steel		95FH10509	TRL
				4200	PY	Polyurethane on Cast Iron	95PY10701	95PY10709	TRL
				4620	PX	Thick Tread Polyurethane	95PX10701	95PX10709	TRL
				17000	FH	Large Bore Drop Forged Steel		95FH10709	TRL
12	5	15 1/2	2 1/2	5000	PY	Polyurethane on Cast Iron	95PY10801	95PY10809	TRL
				4800	PY	Polyurethane on Cast Iron	95PY12701	95PY12709	TRL
				5280	PX	Thick Tread Polyurethane	95PX12701	95PX12709	TRL
				6925	VY	Vulkollan® on Iron	95VY12701	95VY12709	TRL
				6000	PY	Polyurethane on Cast Iron	95PY12801	95PY12809	TRL
16	5	19	3	6600	PX	Thick Tread Polyurethane	95PX12801	95PX12809	TRL
				5970	PY	Polyurethane on Cast Iron	95PY16701	95PY16709	TRL
				6570	PX	Thick Tread Polyurethane	95PX16701	95PX16709	TRL
				7700	PY	Polyurethane on Cast Iron	95PY16801	95PY16809	TRL
				8470	PX	Thick Tread Polyurethane	95PX16801	95PX16809	TRL

\*Use Tapered Roller Bearing for radial and thrust loading to achieve maximum capacity and durability.

<sup>^</sup>Towing: Consult factory prior to ordering to ensure selection supports your towing requirement

Vulkollan® is a registered trademark of Covestro.

### POPULAR WHEEL OPTIONS



**PY** Polyurethane on Cast Iron



**PX** Thick Tread Polyurethane on Cast Iron



**NX** Trionix™ High Impact Polymer



**VY** Vulkollan® on Iron



**FH** Large Bore Drop Forged steel



# 04

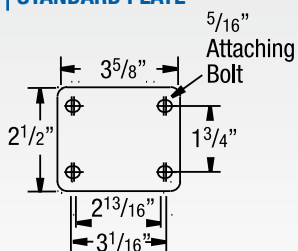
## Light Duty Stainless Steel Casters

CAPACITY TO 350



These brightly polished stainless steel casters are designed for applications exposed to corrosive agents (including cleaning solutions, steam, saltwater, and other oxidizing agents) that cause standard zinc plated casters to rust and fail. These casters are also an ideal solution for applications where frequent wash downs are necessary.

### STANDARD PLATE



Stainless Steel



Premium Quality



Environmentally Friendly

### FEATURES

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

### RIG OPTIONS

- Sealed swivel specify **SS01**

### POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 04XS05051**SF**



**Face Contact  
Brake**  
specify **F**

### TYPICAL APPLICATIONS

- Food Service
- Pharmaceuticals
- Laboratories
- Hospitals
- Outdoor Carts & Equipment
- Marine Equipment
- Stainless Carts & Tables

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on manual operation)	Wheel Code	Wheel Type	Delrin Bearing	Precision Ball Bearing*	Plain Bearing
3	1 1/4	4 1/4	15/16	200	XS	X-tra Soft Rubber Flat Tread	04XS03051 <b>S</b>		04XS03041 <b>S</b>
				200	XR	Precision X-tra Soft Round Tread		04XR03028 <b>S</b>	
				250	PB	Polypropylene	04PB03051 <b>S</b>		
3 1/2	1 1/4	4 11/16	1 1/4	300	XA	Polyurethane on Polypropylene	04XA03051 <b>S</b>		
				250	XS	X-tra Soft Rubber Flat Tread	04XS03X51 <b>S</b>		04XS03X41 <b>S</b>
				250	XR	Precision X-tra Soft Round Tread		04XR03X28 <b>S</b>	
4	1 1/4	5 1/8	1 1/4	350	XA	Polyurethane on Polypropylene	04XA03X51 <b>S</b>		
				300	XS	X-tra Soft Rubber Flat Tread	04XS04051 <b>S</b>		04XS04041 <b>S</b>
				300	XR	Precision X-tra Soft Round Tread		04XR04028 <b>S</b>	
				350	PB	Polypropylene	04PB04051 <b>S</b>		
				350	XA	Polyurethane on Polypropylene	04XA04051 <b>S</b>		
5	1 1/4	6 3/16	1 1/2	300	TR	Hi-Temp Phenolic			04TR04041 <b>S</b>
				325	XS	X-tra Soft Rubber Flat Tread	04XS05051 <b>S</b>		04XS05041 <b>S</b>
				325	XR	Precision X-tra Soft Round Tread		04XR05028 <b>S</b>	
				350	PB	Polypropylene	04PB05051 <b>S</b>		
				350	XA	Polyurethane on Polypropylene	04XA05051 <b>S</b>		
				325	TR	Hi-Temp Phenolic			04TR05041 <b>S</b>

Prevenz™ antimicrobial models available on many wheels (consult factory)

\*Precision ball bearing models contain zinc plated bearings;  
consult factory for stainless bearing options.

### POPULAR WHEEL OPTIONS



**XS** X-tra Soft  
Rubber Flat Tread



**XR** Precision X-tra  
Soft Round Tread



**PB** Polypropylene



**XA** Polyurethane on  
Polypropylene



**TR** Hi-Temp  
Phenolic

# 05

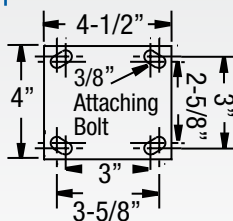
## Medium Heavy Duty Stainless Steel Casters

CAPACITY TO 1200



These brightly polished stainless steel casters are designed for applications exposed to corrosive agents (including cleaning solutions, steam, saltwater, and other oxidizing agents) that cause standard zinc plated casters to rust and fail. These casters are also an ideal solution for applications where frequent wash downs are necessary.

### STANDARD PLATE



Stainless Steel



Premium Quality



Environmentally Friendly

### FEATURES

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

### TYPICAL APPLICATIONS

- Food Processing/Service
- Bakery Dough Troughs
- Stainless Carts & Tables
- Pharmaceuticals
- Laboratory Equipment
- Clean Room
- Hospital Waste Management
- Marine

### RIG OPTIONS

- **Neoprene sealed swivel** section specify **NS05**
- **Un-notched seal kit** order **SD016002** separately

### POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 05XS06201SCB

**Face Contact Brake**  
Specify **FBD**

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

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



### POPULAR WHEEL OPTIONS



**XS X-tra Soft Flat**



**HT High Temp Glass Filled Nylon**



**RT Glass Filled Polypropylene**



**NW White Nylon**



**NG Maxim®**



**XP X-treme Plus Solid Polyurethane**

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on manual operation)	Wheel Code	Wheel Type	Stainless Steel Roller Bearing	Delrin Bearing
4	2	5 5/8	17/16	400	XS	X-tra Soft Rubber Flat Tread	05XS04201S	05XS04251S
				800	HT	High Temp Glass Filled Nylon	05HT04201S	
				800	RT	Glass Filled Polypropylene	05RT04201S	
				800	NG	Maxim®	05NG04201S	05NG04251S
				1200	XP	X-Treme™ Plus	05XP04201S	
5	2	6 1/2	15/8	500	XS	X-tra Soft Rubber Flat Tread	05XS05201S	05XS05251S
				1000	HT	High Temp Glass Filled Nylon	05HT05201S	
				1000	RT	Glass Filled Polypropylene	05RT05201S	
				600	NW	White Nylon	05NW05201S	05NW05251S
				1000	NG	Maxim®	05NG05201S	05NG05251S
6	2	7 1/2	17/8	1200	XP	X-Treme™ Plus	05XP05201S	
				600	XS	X-tra Soft Rubber Flat Tread	05XS06201S	05XS06251S
				1200	HT	High Temp Glass Filled Nylon	05HT06201S	
				1200	RT	Glass Filled Polypropylene	05RT06201S	
				900	NW	White Nylon	05NW06201S	05NW06251S
8	2	9 1/2	23/8	1200	NG	Maxim®	05NG06201S	05NG06251S
				1200	XP	X-Treme™ Plus	05XP06201S	
				675	XS	X-tra Soft Rubber Flat Tread	05XS08201S	05XS08251S
				1200	HT	High Temp Glass Filled Nylon	05HT08201S	
				1200	RT	Glass Filled Polypropylene	05RT08201S	
				1100	NW	White Nylon	05NW08201S	05NW08251S
				1200	NG	Maxim®	05NG08201S	05NG08251S
				1200	XP	X-Treme™ Plus	05XP08201S	

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

Prevenz™ antimicrobial models available on many wheels (consult factory)

# 120

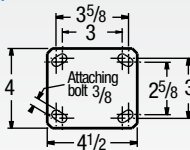
## Contender™ Kingpinless Stainless Steel

CAPACITY TO 1400

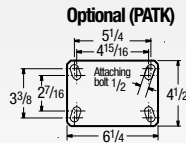


The 120 Series is constructed from 304 stainless steel and features a precision machined swivel section that is welded inside and outside to legs for maximum durability. The stainless construction is highly polished and ideal for applications exposed to cleaning agents, washdowns, caustic solutions,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

### STANDARD PLATE



### ADDITIONAL MOUNTING PLATE\*



\* Available on 6" and 8" wheel diameter models; consult factory



Stainless Steel



Premium Quality



Ergonomic



Environmentally Friendly

### FEATURES

- **Top Plate:** 5/16" 304 stainless steel and welded construction for longer life
- **Yoke Base:** Notched 304 stainless steel welded inside and out
- **Legs:** 304 stainless welded inside and out
- **Swivel Section:** One row of 3/8" ball bearings mounted in a precision machined raceway. Zerk in swivel section
- **Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, and precision ball models)
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

### TYPICAL APPLICATIONS

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

### RIG OPTIONS

- **Optional Overall height** of 10-1/8" available for 8" wheel diameter models; to specify, remove "01" from end of caster number

### POPULAR ACCESSORIES

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

**Cam Brake**  
specify **CB**.



**Face Contact Brake**  
specify **FBD**



**Face Contact Brake**  
specify **FBG**



**Swivel Locks** field installable order **SL1200000** separately



### POPULAR WHEEL OPTIONS



**HT High Temp Glass Filled Nylon**



**DT Heavy Duty Glass Filled Polypropylene**



**NW White Nylon**



**PD Polyurethane on Aluminum**



**NX Trionix™ High Impact Polymer**

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Rated for normal operation)	Wheel Code	Wheel Type	Stainless Steel Roller Bearing	Delrin Bearing	Stainless Precision Ball Bearing
4	2	5 5/8	1 3/16	700	PD	Polyurethane on Aluminum	120PD04201S		
				800	HT	High Temp Glass Filled Nylon	120HT04201S		
				1000	DT	HD Glass Filled Polypropylene	120DT04201S		120DT04228S*
				1400	NX	Trionix™ High Impact			120NX04228S
5	2	6 1/2	1 3/8	600	NW	White Nylon	120NW05201S	120NW05251S	
				1000	HT	High Temp Glass Filled Nylon	120HT05201S		
				1050	PD	Polyurethane on Aluminum	120PD05201S		
				1200	DT	HD Glass Filled Polypropylene	120DT05201S		120DT05228S*
6	2	7 1/2	1 9/16	1400	NX	Trionix™ High Impact			120NX05228S
				900	NW	White Nylon	120NW06201S	120NW06251S	
				1200	HT	High Temp Glass Filled Nylon	120HT06201S		
				1200	DT	HD Glass Filled Polypropylene	120DT06201S		120DT06228S*
8	2	9 1/2	2 1/4	1230	PD	Polyurethane on Aluminum	120PD06201S		
				1400	NX	Trionix™ High Impact			120NX06228S
				1100	NW	White Nylon	120NW08201S01	120NW08251S01	
				1400	HT	High Temp Glass Filled Nylon	120HT08201S01		
8	2	9 1/2	2 1/4	1400	PD	Polyurethane on Aluminum	120PD08201S01		
				1400	DT	HD Glass Filled Polypropylene	120DT08201S01		120DT08228S01*
				1400	NX	Trionix™ High Impact			120NX08228S01

\*DT wheel capacities decrease 200 lbs if you specify Precision Ball Bearing.



# 330

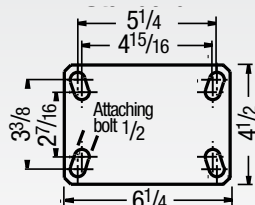
## Contender™ Kingpinless Premium Stainless Steel

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 that could cause rust.

### STANDARD PLATE

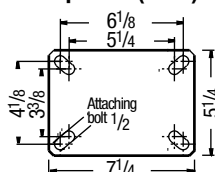


### FEATURES

- **Built for a long life** of service; can withstand impact and shock in the most punishing applications
- **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

### ADDITIONAL MOUNTING PLATE

#### Optional (PATP)



Stainless Steel



Premium Quality



Ergonomic



Environmentally Friendly

### POPULAR ACCESSORIES

Consult factory for stainless steel brakes.



**Poly Cam Integrated Brake**  
specify **P**

**Swivel Locks** field installable order **SL3300000** separately



### TYPICAL APPLICATIONS

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

Wheel Diameter (Inches)		Tread Width (Inches)		Overall Height (Inches)		Swivel Lead (Inches)		Capacity (Lbs) (Rated for manual operation)		Wheel Code		Wheel Type	Stainless Steel Roller Bearing	Stainless Precision Ball Bearing
6	3	7 1/2	13/8	1700	XP	X-Treme™ Plus	330XP06501S	330XP06528S						
				2000	TM	Phenolic	330TM06501S	330TM06528S						
				2000	TR	High Temp Phenolic	330TR06501S	330TR06528S						
				3000	NX	Trionix™ High Impact Polymer		330NX06528S						
				2000	XP	X-treme Plus Solid Polyurethane	330XP08501S	330XP08528S						
				2500	TM	Phenolic	330TM08501S							
				2500	TR	High Temp Phenolic	330TR08501S	330TR08528S						
				2520	PD	Polyurethane on Aluminum	330PD08501S	330PD08528S						
				3000	NX	Trionix™ High Impact Polymer		330NX08528S						
				2500	XP	X-treme Plus Solid Polyurethane	330XP10501S	330XP10528S						
				2900	TM	Phenolic	330TM10501S							
				2900	TR	High Temp Phenolic	330TR10501S	330TR10528S						
				3000	PD	Polyurethane on Aluminum	330PD10501S	330PD10528S						
				3000	NX	Trionix™ High Impact Polymer		330NX10528S						
				3000	TM	Phenolic	330TM12501S	330TM12528S						
				3000	TR	High Temp Phenolic	330TR12501S	330TR12528S						
				3000	PD	Polyurethane on Aluminum	330PD12501S	330PD12528S						
				3000	NX	Trionix™ High Impact Polymer		330NX12528S						

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

### POPULAR WHEEL OPTIONS



**PD** Polyurethane on Aluminum



**TM** Phenolic



**TR** High Temp Phenolic



**XP** X-treme Plus Solid Polyurethane



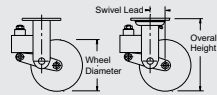
**NX** Trionix™ High Impact Polymer

# Spring-Loaded

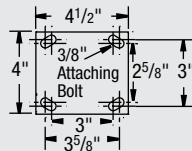
## Overview

This overview does not contain part numbers or detailed specs; it is designed to provide high-level information on our available series. For detailed specs and part numbers, please see our full-line catalog or website – or contact your Albion sales representative today.

Consult factory for options for top plate and wheel/bearing options



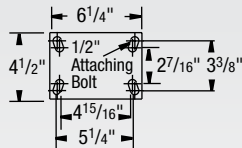
### STANDARD PLATE



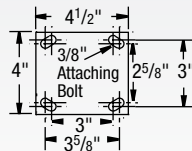
## 40 SERIES



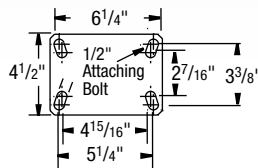
## 42 SERIES



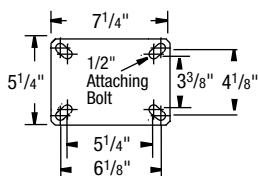
## 141 SERIES



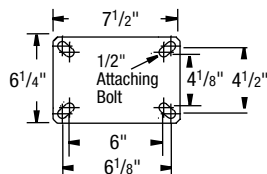
## S310 SERIES



## S410 SERIES



## S610 SERIES



### FEATURES

- Better floor and equipment protection
- Reduce operating noise
- Reduce unwanted vibration
- Increase product life expectancy

### SPECIFICATIONS

Wheel Diameter (Inches)	Tread Width (Inches)	Max Capacity (Lbs) (Rated for normal operation)	Overall Height (Inches)	Swivel Lead (Inches)
5	2	8	1 3/4	3/8
6		8 1/2		
8		10 1/2		

### TYPICAL APPLICATIONS

- Manufacturing Plant Carts
- Aerospace / Automotive
- Specialty Toolboxes
- Ground Support Equipment
- Technology Carts
- Portable Cranes & Hoists
- Mobile Workstations
- Monitoring Carts
- Laboratory Equipment

### POPULAR WHEEL CHOICES



Round Tread Poly on Aluminum 95A (PM)



Magnum Polyurethane on Aluminum Core 95A (UA)



Polyurethane on Aluminum 85A (AX)



Polyurethane on Iron Core 95A (PY)



Vulkollan® on Cast Iron (VY)



Polyurethane on Iron Core 80A (PY 80A)

# Dual Wheel

## Overview

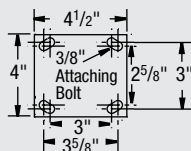
This overview does not contain part numbers or detailed specs; it is designed to provide high-level information on our available series. For detailed specs and part numbers, please see our full-line catalog or website – or contact your Albion sales representative today.

## Kingpinless 115 SERIES



Consult factory for options for top plate and wheel/bearing options

### STANDARD PLATE



### FEATURES

- 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

### SPECIFICATIONS

<div> <div>Wheel Diameter (Inches)</div> <div>Tread Width (Inches)</div> <div>Max Capacity (Lbs) (Rated for manual operation)</div> <div>Overall Height (Inches)</div> <div>Swivel Lead (Inches)</div> </div>				
4	2	2000	5 3/4	1.188
5			6 3/4	1.37
6			7 3/4	1.563
8			10 1/8	2.250

### TYPICAL APPLICATIONS

- Tool Carts
- Group Support Equipment
- Storage Racks
- Low-Profile Carts
- Platforms
- Custom Material Handling
- Towable Transportation Equipment
- Workstations/Packaging

### POPULAR WHEEL CHOICES



Trinox High Impact Polymer (NX)



Polyurethane on Iron Core 95A (PY)

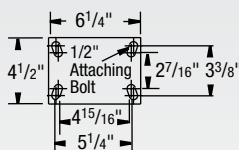


Vulkollan® on Cast Iron (VY)

## 315 SERIES



Made in the USA



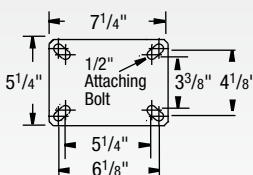
10	3	4100	12	2.25
12			14	2.69

## 415/615 SERIES

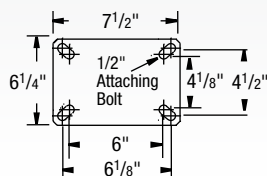


Made in the USA

415



615



6	3 or 3 1/2	12000	8 to 15 1/2	2.25 to 4.3
8				
10				
12				

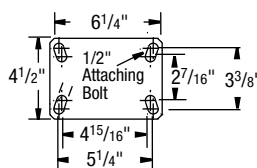
## Standard Kingpin

## 272/281 SERIES



272

281

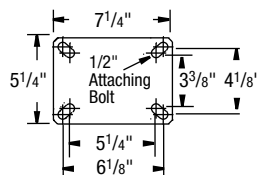


3 1/4	1 1/2 or 2	2000	5 1/4 to 18 1/8	17/16 to 2 1/4
4				
5				
6				
8				



Phenolic (TM)

## 290 SERIES

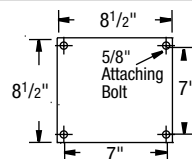


6	2 1/2	3500	8	2 1/4
8			10 1/2	2 1/2
10			12 1/2	2 1/2
12			14	2 1/2



Thick Tread Polyurethane on Iron Core 95A (PX)

## 295 SERIES



6	3 or 3 1/2	17000	9	2 1/4
8			11	2 1/2
10			13	2 1/2
12			15 1/2	2 1/2



Drop Forged Steel (FS)

Vulkollan® is a registered trademark of Covestro.



# Wheel Selection Guide

## Popular Wheel Solutions

### Maximum Ergonomics: AX Wheel



Improve your efficiency and safety with this extremely ergonomic polyurethane on aluminum wheel.

#### **AX: Polyurethane on Aluminum 85A**

See in caster pages: 10, 11, 12, 13 14.

See overview on page 34.

### Strength and Floor Protection: NX Wheel



Excellent metal wheel replacement to maintain durability but gain floor protection and ergonomics.

#### **NX: Trionix™ High Impact Polymer**

See in caster pages: 11-16, 20, 21, 22, 23, 26, 27.

See overview on page 32.

### Cushioned, Non-Marking, Durable: XS / XR Wheels



The best soft, high performance rubber wheels on the market. Ideal to replace any black, rubber on iron wheel for a lasting wheel that rejects debris (including metal shavings), absorbs shock, and is USA-made on all 2" wide models.

#### **XS: Ultimate Extra Soft Flat Tread**

See in caster pages: 8, 9, 10, 11, 12, 14, 17, 24, 25.

See overview on page 36.



Same features as XS wheels, but the rounded tread makes turns and navigation over floor obstructions easier.

#### **Ultimate Extra Soft Round Tread**

See in caster pages: 8, 9, 12, 24.

See overview on page 37.



### Heavy Duty Ergonomics: PF Wheel



Performance polyurethane on heavy duty iron core construction with sealed precision bearings, and specifically designed for maximum ergonomic and payload benefits. Capacities up to 10,000+ lbs. depending on size.

#### **PF: Polyurethane on Heavy Duty Cast Iron**

See in caster pages: 11, 14, 15, 16, 17, 18, 19, 20, 21.

See overview on page 33.

### Ergonomic Performance and Durometer Catered to Your Application: UA Wheels



Standard **95A** – Excellent **all-purpose** option for **ergonomic** performance polyurethane on aluminum cores; available in three durometer options to best support your application.

#### **UA: Magnum Round on Aluminum 95A**

See in caster pages: 12, 13, 14.

See overview on page 34.

#### Optional Durometers:



**80A** – Excellent for **debris resistant ergonomic hand push and towing** requirements.



**73D** –Excellent for **heavier load hand push ergonomic** requirements.



**70A** – Excellent for **debris resistant and noise reduction**. Recommended for light towing applications.

# Wheels

## Metal Wheels

# 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.

- **Wheel Diameters:** 3", 3 1/4", 3 1/2", 4", 5", 6", 8", 10", 12", 14", 16" and 18"
- **Wheel Tread Widths:** 1 1/4" to 4"
- **Capacity Each:** 300 lbs to 6,000 lbs
- **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



# FR



Premium Quality



Heat Resistant

### Ductile Iron Radius Tread

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.

- **Wheel Diameters:** 5", 6", 8" and 10"
- **Wheel Tread Widths:** 2" to 3"
- **Capacity Each:** 1500 lbs to 6,000 lbs
- **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



# FS



Premium Quality



Heat Resistant

### Drop Forged Steel

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.

- **Wheel Diameters:** 4", 5", 6", 8" and 10"
- **Wheel Tread Widths:** 1 1/2" to 4"
- **Capacity Each:** 1,400 lbs to 10,000 lbs
- **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



## Nylon Wheels

# NG



Economical

### Maxim® Glass Filled Nylon

Albion's Maxim® 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!

- **Wheel Diameters:** 3 1/4", 4", 5", 6", 8" and 10"
- **Wheel Tread Widths:** 2" to 2 1/2"
- **Capacity Each:** 700 lbs to 1,500 lbs
- **Wheel Face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -40° to +250°F
- **Hardness:** 85 Shore D ±5



# NW



Economical

### White Nylon

These wheels are economical, strong and clean injection molded white nylon. The color and style of wheel make it perfect for clean room applications.

- **Wheel Diameters:** 5", 6", and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 600 lbs to 1,100 lbs
- **Wheel Face:** Moderate crown
- **Finish:** White
- **Temperature Range:** -20°F to 250°F
- **Hardness:** 85 Shore D ±5



# HT



Premium Quality



Heat Resistant

### High Heat Glass Filled Nylon

These wheels are ideal for food processing, tool storage, sanitary maintenance, and applications requiring easy mobility under heavy loads. The wheel is extremely resistant to water, chemical absorption, steam cleaning, and HEAT!

- **Wheel Diameters:** 4", 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 800 lbs to 1,400 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20°F to +480°F
- **Hardness:** 75-80 Shore D



# Wheels

## Nylon Wheels (Continued)



Premium Quality



Heat Resistant

### Heavy Duty Glass Filled Nylon

DT is a heavy duty version of the HT wheels with These wheels are ideal for food processing, tool storage, sanitary maintenance, and applications requiring easy mobility under heavy loads. The wheel is extremely resistant to water, chemical absorption, steam cleaning, and HEAT!

- **Wheel Diameters:** 4", 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 800 lbs to 1,600 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Dark grey
- **Temperature Range:** -20°F to +350°F
- **Hardness:** 75-80 Shore D

# DT



Premium Quality



Maintenance Free



Ergonomic

### Trionix™ High Impact Polymer

These unique high impact polymer wheels deliver superior rollability, capacity and slide resistance. Trionix™ features unique polymers that resist corrosion and most chemicals. Wheels are machined and straight sided.

- **Wheel Diameters:** 4", 5", 6", 8", 10" and 12"
- **Wheel Tread Widths:** 2" to 3"
- **Capacity Each:** 2,160 lbs to 7,200 lbs
- **Wheel Face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -30°F to +220°F
- **Hardness:** 78-82 Shore D

# NX



Economical

### 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.

- **Wheel Diameters:** 3", 3 1/4", 5", 6", 7", 8", 10", 12", 16" and 18"
- **Wheel Tread Widths:** 1 1/4" to 6"
- **Capacity Each:** 400 lbs to 4,000 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (+300°F intermittent)
- **Hardness:** Rockwell 102 E

# TM



## Polyurethane on Iron Wheels



Depending on diameter and tread width, cores may be spoked, solid-spoked or solid.



Premium Quality



Towing\*

### Vulkollan® on Cast Iron

Wheels made with Vulkollan® are the highest quality polyurethane wheels with unmatched performance and durability. The wheels are extremely durable and high abrasion resistance. IMPORTANT: The color of Vulkollan® will change over time and exposure to UV rays from an off-white to a very dark brown.

Vulkollan® is a registered trademark of Covestro.



**VULKOLLAN®**  
THE ULTIMATE ELASTOMER

- **Wheel Diameters:** 4", 5", 6", 8", 10" & 12"
- **Wheel Tread Widths:** 2" to 4"
- **Capacity Each:** 1,100 lbs to 6,925 lbs
- **Thickness:** 1/2" thick polyurethane tread
- **Wheel Face:** Tapered 3° Crown
- **Finish:** Orange/Brown tread on cast iron core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A

# VY



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



# Wheels

## Polyurethane on Iron Wheels (Continued)



Premium Quality



Towing\*

### Thick Tread Vulkollan® on Cast Iron

Wheels made with Vulkollan® are the highest quality polyurethane wheels with unmatched performance and durability. The wheels are extremely durable and high abrasion resistance. IMPORTANT: The color of Vulkollan® will change over time and exposure to UV rays from an off-white to a very dark brown.

Vulkollan® is a registered trademark of Covestro.



**VULKOLLAN®**  
THE ULTIMATE ELASTOMER

- **Wheel Diameters:** 6", 8", 10" and 12"
- **Wheel Tread Widths:** 2 1/2" to 3"
- **Capacity Each:** 2,350 lbs to 5,000 lbs
- **Thickness:** 1" thick polyurethane tread
- **Wheel Face:** Flat
- **Finish:** Orange/Brown tread on cast iron core
- **Hardness:** 95 Shore A
- **Temperature Range:** -40°F to +180°F



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



Premium Quality



Towing\*

### Polyurethane on Iron

PY 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.

- **Wheel Diameters:** 3 1/4", 4", 5", 6", 8", 10", 12", 14", 16" and 18"
- **Wheel Tread Widths:** 1 5/8" to 5"
- **Capacity Each:** 420 lbs to 10,800 lbs
- **Thickness:** 1/2" thick polyurethane tread
- **Wheel Face:** Available in flat or 3° crown
- **Temperature Range:** -40°F to +180°F
- **Finish/Hardness:** Green 95 Shore A; Black 75 Shore D; Red-Orange 80 Shore A



Depending on diameter and tread width, cores may be spoked, solid-spoked or solid.



Standard tread 95 Shore A



Harder tread 70 Shore D



Softer tread 80 Shore A

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



Premium Quality



Towing\*

### Thick Tread Polyurethane on Cast Iron Core

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.

- **Wheel Diameters:** 6", 8", 10", 12" and 16"
- **Wheel Tread Widths:** 2 1/2" to 5"
- **Capacity Each:** 2,250 lbs to 8,470 lbs
- **Thickness:** 1" thick polyurethane tread
- **Wheel Face:** Available in flat or 3° crown
- **Temperature Range:** -40°F to +180°F
- **Finish/Hardness:** Green 95 Shore A; Black 75 Shore D; Red-Orange 80 Shore A



Harder tread 70 Shore D



Softer tread 80 Shore A

Standard tread 95 Shore A

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



Ergonomic



Maintenance Free



Premium Quality



Towing\*

### Polyurethane on Heavy Duty Cast Iron

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.

- **Wheel Diameters:** 6", 8", 10" and 12"
- **Wheel Tread Widths:** 2" to 3"
- **Capacity Each:** 2,000 lbs to 10,500 lbs
- **Wheel Face:** Radius tread
- **Finish:** Yellow on black core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A



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

# Wheels

## Polyurethane on Aluminum Wheels



Premium Quality

### Polyurethane on Aluminum Core

Composed of a polyurethane elastomer, cast on clean, close tolerance aluminum 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. Aluminum cores are strong, have better corrosion resistance than iron cores and are lighter weight.

- **Wheel Diameters:** PD: 4", 5", 6", 8" and 10"  
PA 4" and 12"
- **Wheel Tread Widths:** PD: 1 1/2" to 3"; PA: 3 1/4" to 6"
- **Capacity Each:** 600 lbs to 7,500 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Green tread on die cast aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** PA: 95 Shore A; PD: 60 Shore D

PA  
PD



Standard tread  
95 Shore A



Ergonomic



Maintenance Free



Premium Quality



Towing\*

### Polyurethane Round Tread on Aluminum Core

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 Diameters:** 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 1,000 lbs to 1,500 lbs
- **Wheel Face:** Round tread
- **Temperature Range:** -40°F to +180°F
- Wheels are complete with top hat and spacers
- **Finish/Hardness:** Green 95 Shore A; Butterscotch 80 Shore A

PM

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

Softer tread  
80 Shore A



Ergonomic



Maintenance Free



Premium Quality



Towing\*

### Round Tread Polyurethane on Aluminum Core

Designed for ergonomic applications. 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 Diameters:** 4", 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 800 lbs to 1,500 lbs
- **Wheel Face:** Round tread
- **Finish:** Red tread on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 85 Shore A
- Wheels are complete with top hat and spacers

AX

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



Standard 95A  
all-purpose option  
for ergonomic  
applications



Ergonomic



Maintenance Free



Premium Quality



Towing\*

### Magnum Polyurethane on Aluminum Core

Magnum polyurethane wheels are designed to meet today's most stringent ergonomic needs. These premium polyurethane wheels are standard with crowned treads, sealed precision ball bearings and top hat reducing bushings for optimum rollability. Magnum wheels will perform well in both manual and power-towed material handling applications.

- **Wheel Diameters:** 4, 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 700 lbs to 1,200 lbs
- **Wheel Face:** Round tread
- **Temperature Range:** -40°F to +180°F
- Wheels are complete with top hat and spacers

UA  
USA  
Made  
WHEELS



73D –Excellent for heavier load hand push ergonomic requirements.



80A – Excellent for debris resistant ergonomic hand push and towing requirements.



70A – Excellent for debris resistant and noise reduction. Recommended for light towing applications.

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

# Wheels

## Solid Polyurethane Wheels



Ergonomic



Maintenance Free



Premium Quality



### X-Treme Solid Polyurethane

Albion now uses a proprietary poured mold technique that results in a cleaner, smoother looking wheel. These wheels are designed specifically for high-capacity manual applications involving chemicals, solvents or water. X-tremely low rolling resistance and the crowned tread make this wheel your choice for ergonomic applications. One-piece construction affords freedom from tread separation with an exceptionally long life. The solid polyurethane material is non-marking and provides floor protection.

- **Wheel Diameters:** 3<sup>1</sup>/<sub>4</sub>", 4", 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 900 lbs to 1,000 lbs
- **Wheel Face:** Crowned tread
- **Finish:** Green
- **Temperature Range:** Up to +180°F
- **Hardness:** 70 Shore D



Ergonomic



Maintenance Free



Premium Quality



### X-Treme Plus Solid Polyurethane

Albion now uses a proprietary poured mold technique that results in a cleaner, smoother looking wheel. These wheels are designed specifically for high-capacity manual applications involving chemicals, solvents or water. X-tremely low rolling resistance and the crowned tread make this wheel your choice for ergonomic applications. One-piece construction affords freedom from tread separation with an exceptionally long life. The solid polyurethane material is non-marking and provides floor protection.

- **Wheel Diameters:** 3<sup>1</sup>/<sub>4</sub>", 4", 5", 6", 8" and 10"
- **Wheel Tread Widths:** 2" to 3"
- **Capacity Each:** 900 lbs to 2,500 lbs
- **Wheel Face:** Crowned tread
- **Finish:** Grey
- **Temperature Range:** Up to +180°F
- **Hardness:** 60 Shore D



Ergonomic



Maintenance Free



Premium Quality



### Solid Elastomer

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. Available with only precision bearings.

- **Wheel Diameters:** 4", 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 1,000 lbs to 1,200 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Grey
- **Temperature Range:** Up to +230°F
- **Hardness:** 63(±5) Shore D



## Polyurethane on Polypropylene Wheels



Economical

### Polyurethane on Polypropylene Core

This wheel has excellent properties where wash-down of material handling equipment is required. Tread is mechanically locked to an injection molded polymer core to prevent separation. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils.



Antimicrobial Prevenz™ available

Precision Bearing models come standard with thread guards.



- **Wheel Diameters:** 3", 3<sup>1</sup>/<sub>2</sub>", 4" and 5"
- **Wheel Tread Width:** 1<sup>1</sup>/<sub>4</sub>"
- **Capacity Each:** 300 lbs to 440 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 63(±5) Shore D





# Wheels

## Polyurethane on Polypropylene Wheels (Continued)



### Polyurethane on Polypropylene Core

This wheel has excellent properties where washdown of material handling equipment is required. Tread is mechanically locked to an injection molded polymer core to prevent separation. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils.

- **Wheel Diameters:** 4" 5", 6", 8" and 10"
- **Wheel Tread Widths:** 2" to 2 1/2"
- **Capacity Each:** 600 lbs to 1,500 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 63(±5) Shore D

**XA**  
2"  
tread width



Premium Quality



### Eagle Polyurethane on Polypropylene Core

Albion's Eagle (EG) wheel is suited for a wide range of industrial applications and can withstand load capacities of 600 to 1,200 lbs. This wheel's unique, interlocking polyurethane tread on heavy duty polypropylene core offers superior adhesion for medium to heavy duty weight capacities.

- **Wheel Diameters:** 4" 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 600 lbs to 1,200 lbs
- **Wheel Face:** Crowned tread
- **Finish:** Blue on black core
- **Temperature Range:** -40°F to +180°F. For intermittent use temperature range can increase up to 280°F (consult factory)
- **Hardness:** 95 Shore A

**EG**

## Rubber Tread Wheels



Premium Quality

### Pneumatic Hand Truck

This 4-ply rating tire with offset hub is the perfect answer for all your hand truck replacement needs.

- **Wheel Diameter:** 10.5"
- **Wheel Tread Width:** 4.1"
- **Capacity Each:** 350 lbs
- 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

**SO**



Antimicrobial Prevenz™ available



Premium Quality

### Ultimate X-tra Soft Rubber

The Ultimate X-tra soft rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need. X-tra Soft wheels provide the ultimate in floor protection, lasting durability, shock absorption, debris rejection (including metal shavings), and are non-marking.

- **Wheel Diameters:** 3", 3 1/2", 4", 5" and 6"
- **Wheel Tread Width:** 1 1/4"
- **Capacity Each:** 200 lbs to 325 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Non-marking grey tread on grey core
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A

**XS**  
1.25"  
tread width



Antimicrobial Prevenz™ available



Premium Quality

### Ultimate X-tra Soft Rubber

The Ultimate X-tra soft rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need. X-tra Soft wheels provide the ultimate in floor protection, lasting durability, shock absorption, debris rejection (including metal shavings), and are non-marking.

- **Wheel Diameters:** 4", 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 400 lbs to 675 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Non-marking grey tread on grey core
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A

**XS**  
  
2"  
tread width

# Wheels

## Rubber Tread Wheels

# XR

1.25"  
tread width



Premium Quality

### Round Tread Ultimate X-tra Soft Rubber

The Ultimate X-tra soft rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need. X-tra Soft wheels provide the ultimate in floor protection, lasting durability, shock absorption, debris rejection (including metal shavings), and are non-marking.

- **Wheel Diameters:** 3", 3 1/2", 4", and 5"
- **Wheel Tread Width:** 1 1/4"
- **Capacity Each:** 200 lbs to 325 lbs
- **Wheel Face:** Round tread
- **Finish:** Non-marking grey tread on grey polypropylene core
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A



# XR



2"  
tread width



Premium Quality

### Round Tread Ultimate X-tra Soft Rubber

The Ultimate X-tra soft rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need. X-tra Soft wheels provide the ultimate in floor protection, lasting durability, shock absorption, debris rejection (including metal shavings), and are non-marking.

- **Wheel Diameters:** 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 450 lbs to 600 lbs
- **Wheel Face:** Round tread
- **Finish:** Non-marking grey tread on grey polypropylene core
- **Temperature Range:** -45°F to +180°F
- **Hardness:** 65-75 Shore A



# 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.

- **Wheel Diameters:** 4", 5", 6", 7", 8", 10", 12", 14", 16", 18" and 20"
- **Wheel Tread Width:** 1 1/2" to 5"
- **Capacity Each:** 250 lbs to 3,020 lbs
- **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



# NP



Premium Quality



Ergonomic



Maintenance Free



Towing\*

### Round Tread Neoprene on Aluminum

The NP wheel has very high resilience, is impervious to metal chips and screws, and has an extremely high chemical resistance. This wheel will perform well in contact with oils and chemicals, and can be used over a wide temperature range. The NP wheel is tough, and is designed to handle heavy loads.

- **Wheel Diameters:** 5", 6" and 8"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 600 lbs to 700 lbs
- **Wheel Face:** Full Radius
- **Finish:** Blue on aluminum core
- **Temperature Range:** -22°F to +220°F
- **Hardness:** 60-70 Shore A



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

# Accessory Overview

## Swivel Locks



Welded Hand Operated



Field Installable  
Hand Operated



Field Installable  
Foot Operated

Hand activated or foot activated plunger can be disengaged for continuous swiveling or engaged for straight line traveling. Requires notched yoke base.  
**To order standard swivel lock installed on your caster, please refer to the individual caster series Popular Accessories instructions.** For field installable locks, see chart at right to order correct swivel lock by series.

Series	Hand Operated Field Installable Part Numbers	Foot Operated Field Installable Part Numbers
<b>16 to 72 Series Swivel Locks</b>		
16	SL160000	SL160002
18	SL160000	SL1000005
40	SL160000	N/A
42	SL810000	N/A
61	SL610000	N/A
62	SL620000	N/A
63	SL620000	N/A
71	SL710000~	N/A
72	SL720000	N/A
78	SL720000	N/A

~ Requires notched yoke.

Series	Hand Operated Field Installable Part Numbers	Foot Operated Field Installable Part Numbers
<b>81 to 610 Series Swivel Locks</b>		
81	SL810000~	N/A
84	SL810000	N/A
90	SL900000	N/A
110^	SL160000	SL160002
120	SL1200000	N/A
310	SL3000000	N/A
330	SL3300000	N/A
410	SL4000000	N/A
600	SL6000000~	N/A
610	SL6000000~	N/A

^ SL16000006 if you specify PATK plate.

## Standard Floor Locks

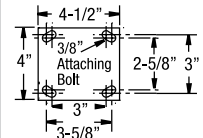


Designed to hold portable equipment in a desired location. Intended for use on level surfaces. Floor lock is activated by toe pressure on the extension pedal or released by toe touching one of the dual retractable brake pads. The large non-skid brake pad, under high spring compression, holds the portable piece of equipment until released. For best results, units should be used in pairs.

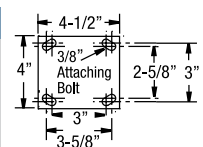
### FEATURES

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

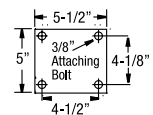
Caster Wheel Diameter (Inches)	Use with Caster Series	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (Lbs)	Floor Lock Number
<b>16/71 Series Floor Locks</b>					
4	16, 71	5-5/8	3/4	3-1/4	16LF0480
5	16, 71	6-1/2	3/4	3-1/2	16LF0580
6	16	7-1/4	3/4	3-1/2	16LF0680
6	71	7-1/2	3/4	3-3/4	71LF0680
8	16	9-1/2	3/4	4	16LF0880
8	71	10-1/8	3/4	4-1/2	71LF0880



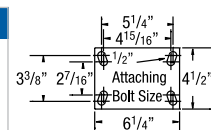
Caster Wheel Diameter (Inches)	Use with Caster Series	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (Lbs)	Floor Lock Number
<b>05 Stainless Steel Series Floor Locks</b>					
4	05	5-5/8	3/4	3-1/4	05LF0480
5	05	6-1/2	3/4	3-1/2	05LF0580
6	05	7-1/2	3/4	3-3/4	05LF0680
8	05	9-1/2	3/4	4	05LF0880



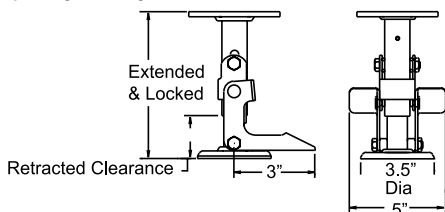
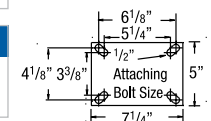
Caster Wheel Diameter (Inches)	Use with Caster Series	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (Lbs)	Floor Lock Number
<b>12/61 Series Floor Locks</b>					
4	12, 61	5-5/8	9/16	4	12LF0480
5	12, 61	6-1/2	1	4-1/4	12LF0580
6	12, 61	7-3/8	1	4-1/4	12LF0680
8	12, 61	9-1/2	1	4-3/4	12LF0880



Caster Wheel Diameter (Inches)	Use with Caster Series	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (Lbs)	Floor Lock Number
<b>62, 63, 72, 81 Series Floor Locks</b>					
4	62, 63, 72, 81	5-5/8	9/16	4	62LF0480
5	62, 63, 72, 81	6-1/2	1	4-1/4	62LF0580
6	62, 63, 72, 81	7-1/2	1	4-1/4	62LF0680
8	62, 63, 72, 81	10-1/8	1	4-1/2	62LF0880



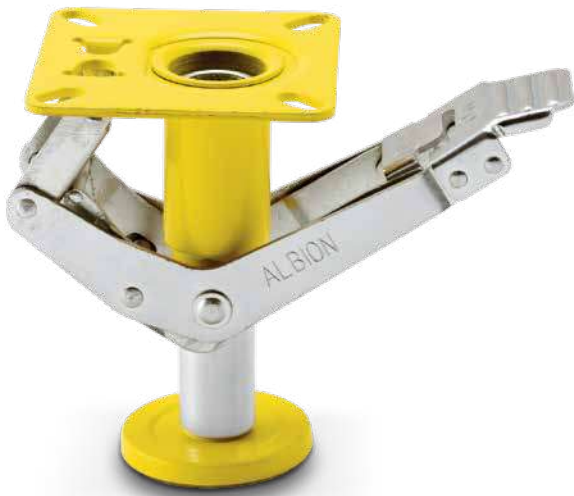
Caster Wheel Diameter (Inches)	Use with Caster Series	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (Lbs)	Floor Lock Number
<b>90 Series Floor Locks</b>					
6	90	8	1	6	90LF0680
8	90	10-1/2	1	6-1/2	90LF0880





# Accessory Overview

## 16 Series ERGOnomic Floor Locks



### 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.

Caster Wheel Diameter (Inches)	Use With Caster Series	Caster Height (Inches)	Retracted Clearance (Inches)	Approx. Wt. (Lbs)	Floor Lock Number
<b>LE ERGOnomic Floor Locks</b>					
6	16	7-1/4	1-1/2	3-3/4	<b>16LE0680</b>
8	16	9-1/2	1-1/2	3-3/4	<b>16LE0880</b>
6	110	7-1/2	1-1/2	3-3/4	<b>110LE0680</b>
8	110	10-1/8	1-1/2	3-3/4	<b>110LE0880</b>



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

## Quick-Release Caster Pads

Description	Use With Caster Series	Caster Pad Number
<b>Quick Release Caster Pads</b>		
Fits 2-1/2" x 3-5/8" Top Plate	02, P2	<b>PC020000</b>
Fits 4" x 4-1/2" Top Plate	16	<b>PC160000</b>
Fits 4" x 4-1/2" Top Plate	18, 110	<b>PC1100000</b>
Fits 4-1/2" x 6-1/4" Top Plate	62, 63, 72, 16 (K plate), 310	<b>PC620000</b>





# ATLANTA CASTER

WHEEL KEEP YOU ROLLING



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