

ALBION®



THE CASTER EXPERTS

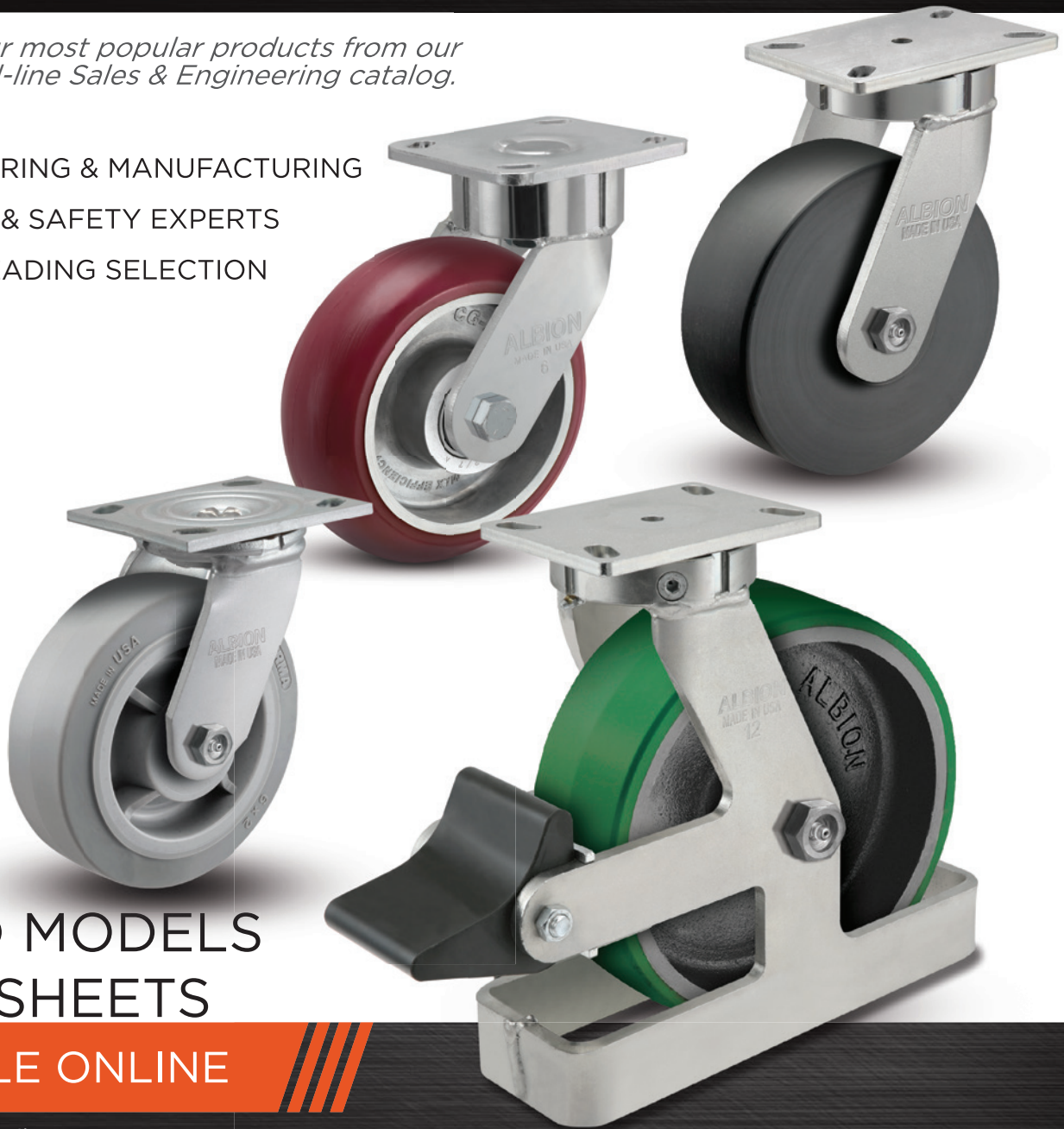


MINI CATALOG

2025

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 ONLINE

Visit website for details.

www.AlbionCasters.com

ALBION®

the caster experts

www.albioncasters.com or 800.835.8911

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

HEAVY-DUTY & MATERIAL HANDLING EXPERTS

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

YOUR SOURCE FOR TRUSTED INDUSTRIAL CASTERS AND WHEELS

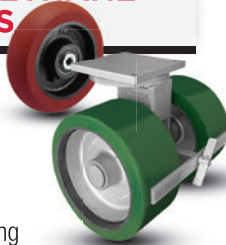
■ ERGONOMIC EXCELLENCE

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



■ 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 has 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.

Visit albioncasters.com/warranty for official warranty details.

■ CATALOG TOOLBOX

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



USA Made

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



Premium Quality

The best Albion has to offer. Enough Said!



Heat Resistant

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



Maintenance Free

Bearing does not require regular greasing to perform to standard.



Environmentally Friendly

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



Quiet

Designed to be quieter compared to conventional designs



Stainless Steel

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



Economical

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



Ergonomic

Exceptional rollability, manual pushing requires little effort.



Towing

Caster capabilities shown in catalog are tested at or above ICWM standards. A combination of factors or conditions may cause performance, capacity, and/or life spans to vary. Consult factory before ordering any products for power towed applications, to ensure proper rig, wheel and bearing combinations are specified.

A LEADING BRAND OF



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.



Download 3D CAD Models and Datasheets!

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

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



QUICK-START PRODUCT CATEGORIES

Full Visual Table of Contents
Follows on Next Pages >>

ERGONOMIC MAINTENANCE FREE

(up to 2,200 lbs.)



PAGES

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HEAVY DUTY KINGPINLESS & KINGPIN

(up to 5,400 lbs.)

PAGES

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STAINLESS STEEL

(up to 3,000 lbs.)



PAGES

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HEAVY DUTY KINGPIN

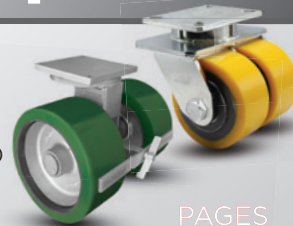
(up to 17,000 lbs.)

PAGES

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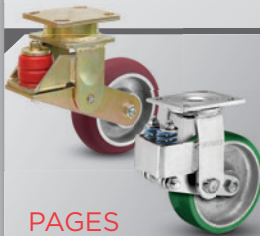
DUAL WHEELS

(up to 30,000 lbs.)



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SPRING LOADED

(up to 3,000 lbs.)

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Selection Guide How to Select the Right Caster Solution




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










Maintenance Free Ergonomic and Quiet

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Page 8		38 SERIES ERGONOMIC PRECISION CASTERS Tread Width: 2" Capacity: Up to 2200 lbs.	Wheel Diameters: 6", 8", 10" Brake: Face, Swivel Lock	Most //// Popular
Page 9		28 SERIES ERGONOMIC PRECISION CASTERS Tread Width: 2" Capacity: Up to 1500 lbs.	Wheel Diameters: 6", 8" Brake: Face, Swivel Lock	Most //// Popular
Page 10		18 SERIES ERGONOMIC PRECISION CASTERS Tread Width: 2" Capacity: Up to 1250 lbs.	Wheel Diameters: 4", 5", 6", 8" Brake: Face, Swivel Lock	Most //// Popular



Heavy Duty Kingpinless Designed to Handle Impact and Shock

PAGES: 11-16

Page 11		410 SERIES CASTERS Tread Width: 3" Capacity: Up to 5400 lbs.	Wheel Diameters: 6", 8", 10", 12" Brake: Poly Cam, PLB, Face Contact, Swivel Lock	 Most //// Popular
Page 12		310 SERIES CASTERS Tread Width: 3" Capacity: Up to 4100 lbs.	Wheel Diameters: 6", 8", 10", 12" Brake: Poly Cam, PLB, Face Contact, Swivel Lock	 Most //// Popular
Page 13		110 SERIES CASTERS Tread Width: 2" Capacity: Up to 2000 lbs.	Wheel Diameters: 4", 5", 6", 8" Brake: Cam, PLB, Face, Poly Cam, Swivel Lock	 Most //// Popular
Page 14		470 SERIES CASTERS Tread Width: 3" Capacity: Up to 3500 lbs.	Wheel Diameters: 6", 8", 10", 12" Brake: Face, Swivel Lock	
Page 15		370 SERIES CASTERS Tread Width: 3" Capacity: Up to 3000 lbs.	Wheel Diameters: 6", 8", 10", 12" Brake: Face, Swivel Lock	
Page 16		170 SERIES CASTERS Tread Width: 2" Capacity: Up to 1500 lbs.	Wheel Diameters: 4", 5", 6", 8" Brake: Cam, Face, Swivel Lock	

Stainless Steel Heavy Duty Kingpinless

Pages: 17-18

Page 17		330 SERIES KINGPINLESS CASTERS Tread Width: 3" Capacity: Up to 3000 lbs.	Wheel Diameters: 6", 8", 10", 12" Brake: Poly Cam, Swivel Lock	
Page 18		120 SERIES KINGPINLESS CASTERS Tread Width: 2" Capacity: Up to 1500 lbs.	Wheel Diameters: 4", 5", 6", 8" Brake: Face, Swivel Lock	

Heavy Duty Kingpin

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19-20



95 SERIES (BBL/TRL) CASTERS

Tread Width: 3", 4", 5", 6"
Capacity: Up to 17000 lbs.

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

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21



90 SERIES CASTERS

Tread Width: 3", 4"
Capacity: Up to 3500 lbs.

Wheel Diameters: 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Swivel Lock

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81 SERIES CASTERS

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

Wheel Diameters: 4", 5", 6", 8", 10", 12"
Brake: Poly Cam, Single/Double Sided, Face Contact, Swivel Lock

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62 SERIES CASTERS

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

Wheel Diameters: 4", 5", 6", 8", 10"
Brake: Face, Cam, Poly Cam, Swivel Lock

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16 SERIES CASTERS

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

Wheel Diameters: 3-1/4", 4", 5", 6", 8"
Brake: Total Lock, Cam, Face, Swivel Lock

Most 
Popular

Dual Wheel Overview More Stability and Higher Load Capacities

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25



AVAILABLE KINGPINLESS SERIES: 615, 415, 315, 115

Tread Width: 2", 3", 4" 5"
Capacity: 2000 to 9000 lbs. each

Wheel Diameters: : 4", 5", 6", 8", 10", 12"

Accessories: PLB Integrated, Poly Cam, Swivel Lock, Toe Guard. Consult factory for additional options

AVAILABLE KINGPIN SERIES: 295, 290, 281

Tread Width: 2", 2-1/2", 3", 4,5
Capacity: 2000 to 17,000 lbs. each

Spring-Loaded Overview Better Protection for your Equipment and Floors

Page
26



AVAILABLE KINGPINLESS SERIES: S610, S410, S310, 141

Tread Width: 2", 3"
Capacity: Up to 2000 lbs. each

Wheel Diameters: 5", 6", 8", 10", 12"

Brake: Consult factory

AVAILABLE KINGPIN SERIES: 42, 40

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

Wheel Diameters: 5", 6", 8", 10", 12"

Brake: Consult factory

Wheel Overview The Right Wheel Can Make a Big Difference

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27-33



METAL • NYLON • POLYURETHANE • POLYOLEFIN • RUBBER • THERMOPLASTIC

Accessory Overview Accessories Designed to Improve Your Caster Installations

Pages
34-35



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

Selection Guide

The right rig, wheel and bearing make a big difference in the life and performance of your caster purchases. Have questions or need help? Contact us at albioncasters.com.

Rig Types

Maintenance Free



Pages:
8-10

- » 350 – 2,200 lbs capacity
- » Designed for ergonomics and light to medium duty towing. Smooth, easy, and quiet mobility.

Heavy Duty Kingpinless



LONGER
LASTING THAN
CONVENTIONAL
CASTERS

Pages:
11-16

- » 300 – 54,000 lbs capacity
- » Best for rugged applications where impact, shock, or regular swiveling is present
- » Eliminates kingpin failures

Stainless Steel



Pages:
17-18

- » 200 – 3,000 lbs capacity
- » Well suited for applications exposed to cleaning agents, steam, caustic solutions, or other corrosive agents which could cause rust

Kingpin



Pages:
19-24

- » 140 – 17,000 lbs capacity
- » Conventional caster construction
- » Variety of raceway designs to support performance and load requirements

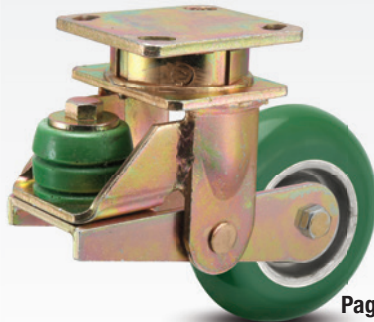
Dual Wheels



Pages:
25

- » 280 – 30,000 lbs capacity
- » Can help you increase your capacity and floor protection, while also providing easier turning

Spring Loaded



Pages:
26

- » 500 – 3,000 lbs capacity
- » Protects cargo and equipment from shocks and unwanted vibration

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



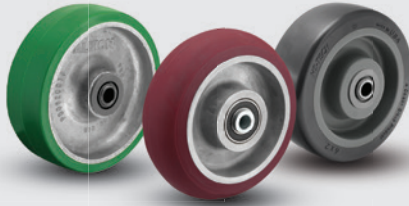
A DuPont™ engineered material, Delrin is designed for use in situations in which a self-lubricating material is optimal and corrosion cannot be tolerated. Ideal for wash-down or steam-cleaning applications as well as total immersion. Maximum temperature range is 160°F.

Wheel Materials

Learn about our most popular wheels and what makes each wheel solution unique on pages 27-33.

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

Polyurethane capacities up to 10,900 lbs



Description:

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

Features:

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

Rubber capacities up to 3,630 lbs



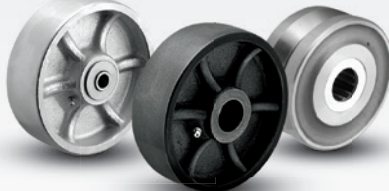
Description:

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

Features:

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

Metal capacities up to 20,000 lbs



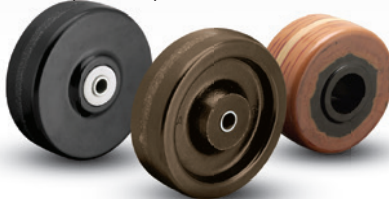
Description:

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

Features:

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

Phenolic capacities up to 8,000 lbs



Description:

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

Features:

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

Nylon & Glass Filled capacities up to 7,200 lbs



Description:

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

Features:

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

Polypropylene capacities up to 1,000 lbs



Description:

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

Features:

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

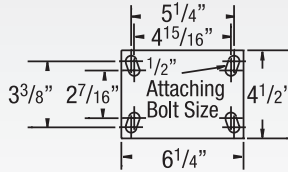
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Made in the **USA**
Maintenance Free
Ergonomic Precision Casters
CAPACITY TO 2200



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

MOUNTING OPTIONS Standard Plate

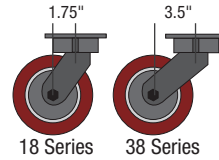


FEATURES

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

TYPICAL APPLICATIONS

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



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

ACCESSORIES

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

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



Integrated face brake
 specify **PB**



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



Field installable toe guards

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



Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs)	Wheel Code	Wheel Type	Precision Ball Bearing	
6	2	7 1/2	2 1/2	1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	38AN06228S	
					AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	38AX06228S	
					PM	Green Round Polyurethane on Aluminum	38PM06228S	
					PM80A	Butterscotch Round Polyurethane on Aluminum	38PM06228S80A	
					2000	PF	Yellow Polyurethane on Heavy Duty Iron	38PF06228S
					2160	NX	Trionix™ High Impact Polymer	38NX06228S
8	2	9 1/2	3 1/2	1500	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	38AN08228S01	
					AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	38AX08228S01	
					PM	Green Round Polyurethane on Aluminum	38PM08228S01	
					PM80A	Butterscotch Round Polyurethane on Aluminum	38PM08228S0180A	
					2200	PF	Yellow Polyurethane on Heavy Duty Iron	38PF08228S01
					2160	NX	Trionix™ High Impact Polymer	38NX08228S01
	2	10 1/8	3 1/2	1500	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	38AN08228S	
					AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	38AX08228S	
					1250	PM	Green Round Polyurethane on Aluminum	38PM08228S
					1250	PM80A	Butterscotch Round Polyurethane on Aluminum	38PM08228S80A
					2200	PF	Yellow Polyurethane on Heavy Duty Iron	38PF08228S
					2160	NX	Trionix™ High Impact Polymer	38NX08228S
10	2	12	3 1/2	2000	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	38AN10228S	
					AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	38AX10228S	

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

POPULAR WHEEL OPTIONS



CG-MAX EFFICIENCY WHEEL™
 Polyurethane on Aluminum Orange AN or Maroon AX



PM Green Polyurethane on Aluminum



PM Butterscotch Polyurethane on Aluminum



Ergonomic!

Excellent steel wheel replacement!



NX Trionix™ High Impact Polymer



PF Polyurethane on Cast Iron

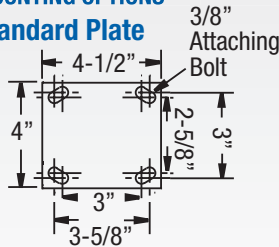
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Made in the **USA**
Maintenance Free
Ergonomic Precision Casters
CAPACITY TO 1500



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

MOUNTING OPTIONS Standard Plate



Quiet



Ergonomic



Maintenance Free



Premium Quality



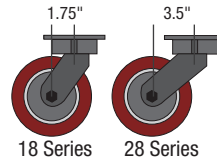
Environmentally Friendly
 (Consult factory)

FEATURES

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

TYPICAL APPLICATIONS

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



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

ACCESSORIES

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

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



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

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



Field installable toe guards

Integrated face brake specify **PBTO**



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

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)	Wheel Code	Wheel Type	Precision Ball Bearing	
6	2	7 1/2	2 1/2	450	XR	Performa Round Tread on Polypropylene	28XR06228S	
				600	XS	Performa Flat Tread on Polypropylene	28XS06228S	
				1200	DT	Heavy Duty Glass Filled Nylon	28DT06228S	
				1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	28AN06228S	
				1250	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	28AX06228S	
				1250	PM	Green Round Polyurethane on Aluminum	28PM06228S	
				1250	PM80A	Butterscotch Round Polyurethane on Aluminum	28PM06228S80A	
				1500	PF	Yellow Polyurethane on Heavy Duty Iron	28PF06228S	
				8	2	9 1/2	3 1/2	600
675	XS	Performa Flat Tread on Polypropylene	28XS08228S01					
1400	DT	Heavy Duty Glass Filled Nylon	28DT08228S01					
1500	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	28AN08228S01					
1500	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	28AX08228S01					
1500	PM	Green Round Polyurethane on Aluminum	28PM08228S01					
1500	PM80A	Butterscotch Round Polyurethane on Aluminum	28PM08228S0180A					
1500	PF	Yellow Polyurethane on Heavy Duty Iron	28PF08228S01					
2	10 1/8	3 1/2	3 1/2					600
					675	XS	Performa Flat Tread on Polypropylene	28XS08228S
					1400	DT	Heavy Duty Glass Filled Nylon	28DT08228S
					1500	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	28AN08228S
					1500	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	28AX08228S
					1500	PM	Green Round Polyurethane on Aluminum	28PM08228S
1500	PM80A	Butterscotch Round Polyurethane on Aluminum	28PM08228S80A					
1500	PF	Yellow Polyurethane on Heavy Duty Iron	28PF08228S					

POPULAR WHEEL OPTIONS



CG-MAX EFFICIENCY WHEEL™
 Polyurethane on Aluminum Orange AN or Maroon AX



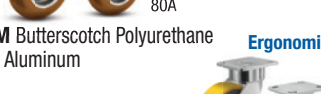
XS Performa Flat



XR Performa Round



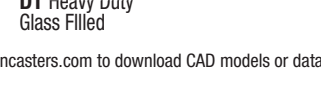
PM Green Polyurethane on Aluminum



PM Butterscotch Polyurethane on Aluminum



PF Polyurethane on Cast Iron



DT Heavy Duty Glass Filled

18

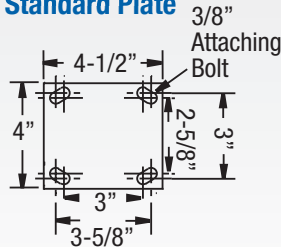
Maintenance Free Ergonomic Precision Casters

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.

MOUNTING OPTIONS Standard Plate



Quiet



Ergonomic



Maintenance Free



Premium Quality



Environmentally Friendly
(Consult factory)

FEATURES

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

TYPICAL APPLICATIONS

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

ACCESSORIES

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

Face brake specify **FBC**



Face brake specify **FBE**

Face brake specify **FBK**



Hand operated field installable **swivel lock** order **SL16000** separately

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



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

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (rated for normal operation)	Wheel Code	Wheel Type	Precision Ball Bearing	Pedestal Precision Ball Bearing
4	2	5 5/8	1 11/16	350	XS	X-tra Soft (Flat Tread)	18XS04228S	
				720	XA	Hi-Tech Antimicrobial Polyurethane		18XA04229S
				800	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	18AN04228S	
				800	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	18AX04228S	
				1250	NX	Trionix™ High Impact Polymer	18NX04228S	
5	2	6 1/2	1 5/8	375	XS	X-tra Soft (Flat Tread)	18XS05228S	
				900	XA	Hi-Tech Antimicrobial Polyurethane		18XA05229S
				1000	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	18AN05228S	
				1000	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	18AX05228S	
				1250	NX	Trionix™ High Impact Polymer	18NX05228S	
6	2	7 1/2	1 3/4	600	XS	X-tra Soft (Flat Tread)	18XS06228S	
				450	XR	X-tra Soft (Round Tread)	18XR06228S	
				1100	XA	Hi-Tech Antimicrobial Polyurethane		18XA06229S
				1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	18AN06228S	
				1250	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	18AX06228S	
8	2	9 1/2	1 3/4	1250	NX	Trionix™ High Impact Polymer	18NX06228S	
				675	XS	X-tra Soft (Flat Tread)	18XS08228S	
				600	XR	X-tra Soft (Round Tread)	18XR08228S	
				1200	XA	Hi-Tech Antimicrobial Polyurethane		18XA08229S
				1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)	18AN08228S	
				1250	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)	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.

POPULAR WHEEL OPTIONS



CG-MAX EFFICIENCY WHEEL™
Polyurethane on Aluminum Orange AN or Maroon AX



XS Performa Flat



XR Performa Round

Excellent steel wheel replacement!



XA Hi-Tech Antimicrobial Polyurethane

NX Trionix™ High Impact Polymer

410

Made in the USA

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[^]

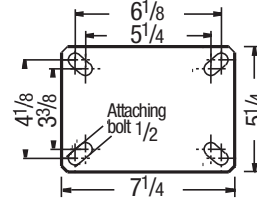


Environmentally Friendly
(Consult factory)

FEATURES

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

MOUNTING OPTIONS Standard Plate



For optional plates consult factory

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

POPULAR ACCESSORIES

To order, add brake code below to end of model. Example: 410PY08501SPLB



PLB Integrated brake specify **PLB**

Face brake specify **FBB**



Hand operated field installable **swivel lock** order **SL400000** 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 bakery racks
- Production dollies
- Heavy duty dough troughs

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	8	27/32	1800	AZ	Polyurethane Reactive on Iron			410AZ06528S
				2200	PY	Polyurethane on Cast Iron	410PY06501S	410PY06509S	
				2450	PX	Thick Tread Polyurethane	410PX06501S	410PX06509S	
				3300	PF	Yellow Polyurethane on Heavy Duty Iron			410PF06528S
				5400	NX	Trionix™ High Impact			410NX06528S
				5400	FR	Ductile Iron Crowned Tread	410FR06501S	410FR06509S	
8	3	10 1/2	2 15/16	2000	AZ	Polyurethane Reactive on Iron			410AZ08528S
				2520	PD	Polyurethane on Aluminum	410PD08501S	410PD08509S	
				2600	PY	Polyurethane on Cast Iron	410PY08501S	410PY08509S	
				3500	PX	Thick Tread Polyurethane	410PX08501S	410PX08509S	
				4000	PF	Yellow Polyurethane on Heavy Duty Iron			410PF08528S
				5400	NX	Trionix™ High Impact			410NX08528S
10	3	12 1/2	3 3/8	5400	FR	Ductile Iron Crowned Tread	410FR08501S	410FR08509S	
				2200	AZ	Polyurethane Reactive on Iron			410AZ08528S
				3000	PD	Polyurethane on Aluminum	410PD10501S	410PD10509S	
				3100	PY	Polyurethane on Cast Iron	410PY10501S	410PY10509S	
				3700	PX	Thick Tread Polyurethane	410PX10501S	410PX10509S	
				4200	PF	Yellow Polyurethane on Heavy Duty Iron			410PF10528S
12	3	15 1/2	4 5/16	5400	NX	Trionix™ High Impact			410NX10528S
				5400	FR	Ductile Iron Crowned Tread	410FR10501S	410FR10509S	
				2400	AZ	Polyurethane Reactive on Iron			410AZ12509S
				3500	PD	Polyurethane on Aluminum	410PD12501S	410PD12509S	
				3600	PY	Polyurethane on Cast Iron	410PY12501S	410PY12509S	
				4100	PX	Polyurethane on Cast Iron	410PX12501S	410PX12509S	
				4400	PF	Yellow Polyurethane on Heavy Duty Iron			410PF12528S
				5400	NX	Trionix™ High Impact			410NX12528S

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

POPULAR WHEEL OPTIONS



PY Polyurethane on Cast Iron



PY and PX have optional durometers/capacities



PX Thick Tread Polyurethane on Aluminum



PD Polyurethane on Aluminum



PF Polyurethane on Heavy Duty Cast Iron
Excellent steel wheel replacement!



AZ Reactive Polyurethane



NX Trionix™ High Impact



FR Ductile Iron Crowned Tread

Selecting The Right HD Wheel For Your Application

<p>PY:</p> <ul style="list-style-type: none"> • Our standard, versatile polyurethane formulation • Introductory capacity range of our premium wheel offering 	<p>PD:</p> <ul style="list-style-type: none"> • Aluminum core provides improved corrosion resistance • Lighter weight than heavy cast iron cores 	<p>PF:</p> <ul style="list-style-type: none"> • High capacity formulation & construction • Excellent ergonomic performance and value • Standard precision ball bearing 	<p>NX:</p> <ul style="list-style-type: none"> • High capacity and impact strength • Standard precision ball bearings • Best steel wheel replacement
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310

Made in the USA

Kingpinless Casters

CAPACITY TO 4100



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

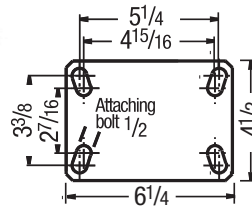


FEATURES

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

MOUNTING OPTIONS

Standard Plate



For optional plates consult factory

ACCESSORIES

To order, add brake code below to end of model. Example: 310PY08401SPLB

PLB Integrated brake
specify **PLB**



Face brake
specify **FBB**

Hand operated field installable **swivel lock**
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 bakery racks
- 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 **Excellent steel wheel replacement!**



NX Trionix™ High Impact Polymer



FR Ductile Iron Crowned Tread



**For PY 80A add "80A" to end of PY caster number. Swivel example: (310PY06501S80A): Capacity reduces 20%.

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Based on manual operation)	Wheel Code	Wheel Type	Roller Bearing	Tapered Roller Bearing	Precision Ball Bearing
6	3	7 1/2	13/8	2200	PY	Polyurethane on Cast Iron	310PY06501S	310PY06509S	
				3300	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	2600	PY	Polyurethane on Cast Iron	310PY08501S	310PY08509S	
				2520	PD	Polyurethane on Aluminum	310PD08501S	310PD08509S	
				4000	PF	Yellow Polyurethane on Heavy Duty Iron			310PF08528S
				4100	NX	Trionix™ High Impact Polymer			310NX08528S
10	3	11 1/2	2 1/4	4100	FR	Ductile Iron Crowned Tread	310FR08501S	310FR08509S	
				3100	PY	Polyurethane on Cast Iron	310PY10501S	310PY10509S	
				3000	PD	Polyurethane on Aluminum	310PD10501S	310PD10509S	
				4100	PF	Yellow Polyurethane on Heavy Duty Iron			310PF10528S
12	3	13 1/2	2 11/16	4100	NX	Trionix™ High Impact Polymer			310NX10528S
				4100	FR	Ductile Iron Crowned Tread	310FR10501S	310FR10509S	
				3500	PD	Polyurethane on Aluminum	310PD12501S	310PD12509S	
				3600	PY	Polyurethane on Cast Iron	310PY12501S	310PY12509S	
				4100	PF	Yellow Polyurethane on Heavy Duty 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.

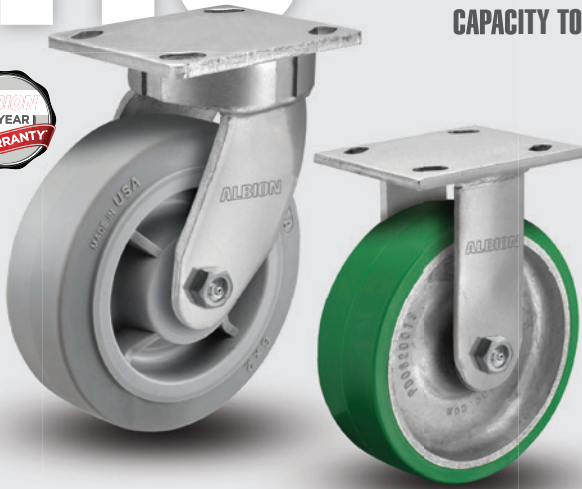
Selecting The Right HD Wheel For Your Application

<p>PY:</p> <ul style="list-style-type: none"> • Our standard, versatile polyurethane formulation • Introductory capacity range of our premium wheel offering 	<p>PD:</p> <ul style="list-style-type: none"> • Aluminum core provides improved corrosion resistance • Lighter weight than heavy cast iron cores 	<p>PF:</p> <ul style="list-style-type: none"> • High capacity formulation & construction • Excellent ergonomic performance and value • Standard precision ball bearing 	<p>NX:</p> <ul style="list-style-type: none"> • High capacity and impact strength • Standard precision ball bearings • Best steel wheel replacement
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110

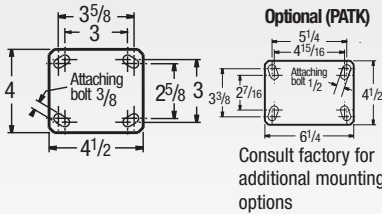
Kingpinless Casters

CAPACITY TO 2000



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

MOUNTING OPTIONS Standard Plate



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

TYPICAL APPLICATIONS

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

RIG OPTIONS

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

ACCESSORIES

To order, add brake code below to end of caster number. Example: 110XS06201**SPLB**

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



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



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



Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs)	Wheel Code	Wheel Type	Roller Bearing	Precision Ball Bearing
4	2	5 5/8	1 3/16	400	XS	X-tra Soft Flat Tread		110XS04228S
				700	PD	Polyurethane on Alum. Flat Tread	110PD04201S	
				800	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		110AN04228S
				800	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		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		110XS05228S
				1000	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		110AN05228S
				1000	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		110AX05228S
				1050	PD	Polyurethane on Alum. Flat Tread	110PD05201S	
				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		110XS06228S
				1230	PD	Polyurethane on Alum. Flat Tread	110PD06201S	
				1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		110AN06228S
				1250	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		110AX06228S
				1400	CA	Cast Iron	110CA06201S	
				2000	NX	Trionix™ High Impact Polymer		110NX06228S
8	2	10 1/8* 9 1/2 (Option)	2 1/4	675	XS	X-tra Soft Flat Tread		110XS08228S
				1500	PD	Polyurethane on Alum. Flat Tread	110PD08201S	
				1500	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		110AN08228S
				1500	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		110AX08228S
				1800	CA	Cast Iron	110CA08201S	
				2000	NX	Trionix™ High Impact Polymer		110NX08228S

*9-1/2" overall height also available. Add 01 after S (Example: 110XS082S01)

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

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

POPULAR WHEEL OPTIONS



CG-MAX EFFICIENCY WHEEL™
Polyurethane on Aluminum
Orange AN or Maroon AX



XS Performa Flat



PF Polyurethane on Heavy Duty Cast Iron



PD Polyurethane on Aluminum

Excellent steel wheel replacement!



NX Trionix™ High Impact Polymer



CA Cast Iron

470

Economical Kingpinless Casters

CAPACITY TO 3500



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



Premium Quality



Towing[^]



Environmentally Friendly
(Consult factory)

FEATURES

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

ACCESSORIES

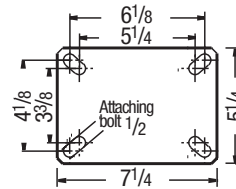
Face brake
specify **FBB**
Example:
470PE08501SFBB



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

MOUNTING OPTION

Standard Top Plate



TYPICAL APPLICATIONS

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

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (lbs) (Based on normal operation)	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	
				2500	VG	V-Groove Iron	470VG06501S	
				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	
				3500	PF	Polyurethane on Iron (Yellow)		470PF08528S
10	3	12 1/2	3 3/8	1000	MR	Moldon Rubber on Iron	470MR10501S	
				2800	CA	Cast Iron	470CA10501S	
				3000	TM	Phenolic	470TM10501S	
				3000	PE	Polyurethane on Iron (Green)	470PE10501S	
				3500	PF	Polyurethane on Iron (Yellow)		470PF10528S
				3500	VG	V-Groove Iron	470VG10501S	
12	3	15 1/2	4 5/16	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



TM Phenolic



PF Polyurethane
on Iron



CA Cast Iron



PE Polyurethane
on Iron



VG V-groove Iron

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

470 Series Wheel Selection Hints

Polyurethane

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

Metal tread

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

Rubber

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

Phenolic

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

370

Economical Kingpinless Casters

CAPACITY TO 3000



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



Premium Quality



Towing[^]



Environmentally Friendly
(Consult factory)

FEATURES

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

ACCESSORIES

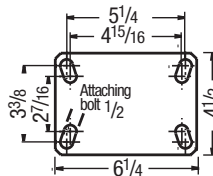
Face brake specify **FBB**
Example:
370PE08501SFBB



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

MOUNTING OPTION

Standard Top Plate



TYPICAL APPLICATIONS

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

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Rated for manual operation)	Wheel Code	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	
				2500	VG	V-Groove Iron	370VG06501S	
				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	
				3000	PF	Polyurethane on Iron (Yellow)	370PF08528S	
10	3	11 1/2	2 1/4	1000	MR	Moldon Rubber on Iron	370MR10501S	
				2800	CA	Cast Iron	370CA10501S	
				3000	TM	Phenolic	370TM10501S	
				3000	PE	Polyurethane on Iron (Green)	370PE10501S	
				3000	PF	Polyurethane on Iron (Yellow)	370PF10528S	
				3000	VG	V-Groove Iron	370VG10501S	
12	3	13 1/2	2 11/16	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



MR Moldon Rubber on Iron



TM Phenolic



PF Polyurethane on Iron



PE Polyurethane on Iron



CA Cast Iron



VG V-groove Iron



TM Phenolic

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

370 Series Wheel Selection Hints

Polyurethane

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

Metal tread

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

Rubber

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

Phenolic

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

170

Economical Kingpinless Casters

CAPACITY TO 1500



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



Economical



Ergonomic

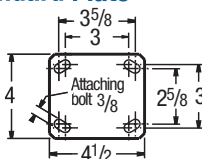


Towing[^]

FEATURES

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

Standard Plate



RIG OPTIONS

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

ACCESSORIES

To order, add brake code below to end of model. Example: 170XS06201**SFBC**

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



Face brake specify **FBK**

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



TYPICAL APPLICATIONS

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

POPULAR WHEEL OPTIONS

85A Exclusive!



CG-MAX EFFICIENCY WHEEL™
Polyurethane on Aluminum Orange model in chart, to order maroon, replace **AN** with **AX** in caster number



MR Moldon Rubber



XS Performa Flat
Round tread available, replace XS with XR



TM Phenolic



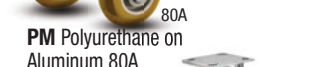
RT Glass Filled Polypropylene
65 to 70D



AN CG-MAX EFFICIENCY WHEEL™ (Orange)



PM Polyurethane on Aluminum



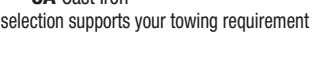
PM Polyurethane on Aluminum 80A



PM Polyurethane on Aluminum 80A



PF Polyurethane on Heavy Duty Cast Iron



CA 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
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
				800	TM	Phenolic	170TM04201S	
				800	RT	Glass Filled Polypropylene	170RT04201S	
				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
				1000	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		170AN05228S
				1000	PM	Polyurethane on Alum. (Green)		170PM05228S
				1000	PM	Polyurethane on Alum. (Butterscotch)		170PM05228S80A
				1000	TM	Phenolic	170TM05201S	
				1000	RT	Glass Filled Polypropylene	170RT05201S	
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
				1200	TM	Phenolic	170TM06201S	
				1200	RT	Glass Filled Polypropylene	170RT06201S	
				1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		170AN06228S
				1250	PM	Polyurethane on Alum. (Green)		170PM06228S
				1250	PM	Polyurethane on Alum. (Butterscotch)		170PM06228S80A
				1400	CA	Cast Iron	170CA06201S	
				1500	PF	Polyurethane on Iron (Yellow)		170PF06228S
8	2	10 1/8* 9 1/2 (Option)	2 1/4	600	MR	Moldon Rubber on Cast Iron	170MR08201S	
				675	XS	X-tra Soft Flat Tread	170XS08201S	170XS08228S01
				1400	TM	Phenolic	170TM08201S	
				1400	RT	Glass Filled Polypropylene	170RT08201S	
				1500	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		170AN08228S
				1500	PM	Polyurethane on Alum. (Green)		170PM08228S
				1500	PM	Polyurethane on Alum. (Butterscotch)		170PM08228S80A
				1500	CA	Cast Iron	170CA08201S	
				1500	PF	Polyurethane on Iron (Yellow)		170PF08228S

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

*9-1/2" overall height also available. Add 01 after S (Example: 110XS082S01)

16 See full line catalog for all available options or www.albioncasters.com to download CAD models or datasheets.

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

330

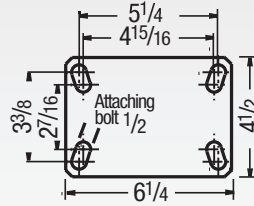
Kingpinless Premium Stainless Steel

CAPACITY TO 3000

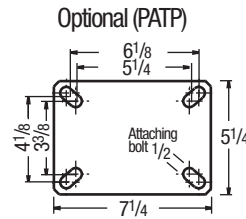


For your heaviest duty applications, the 330 Series features a thick precision machined premium grade 316 stainless swivel section and 304 stainless steel rig—both highly polished. Ideal for applications exposed to cleaning agents, washdowns, caustic solutions, steam, marine environments, or any other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

MOUNTING OPTIONS Standard Plate



Special Order Plate



Stainless Steel



Premium Quality



Ergonomic



Environmentally Friendly (Consult factory)



Towing[^]

FEATURES

- **Top Plate:** 5/16" 304 stainless steel welded inside and out to 316 stainless steel raceway for longer life
- **Swivel Section:** One row of 1/2" ball bearings mounted in a precision machined raceway. Zerk in swivel section
- **Yoke Base:** Notched 316 stainless steel
- **Legs:** 304 stainless steel welded inside and out
- **Axle:** 3/4" diameter
- **NSF:** Consult Factory
- Alternate or custom caster configurations available

ACCESSORIES

To order, add brake code below to end of model. Example: 330PD08501P



Poly Cam Integrated Brake specify **P**

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



TYPICAL APPLICATIONS

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

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) (made for mating application)	Wheel Code	Wheel Type	Stainless Steel Roller Bearing	Stainless Precision Ball Bearing
6	3	7 1/2	1 3/8	1700	TR	High Temp Phenolic	330TR06501S	330TR06528S
				2800	TL	Laminated Phenolic	330TL06501S	330TL06528S
				3000	NX	Trionix™ High Impact Polymer		330NX06528S
8	3	10 1/8	2 1/16	1900	TR	High Temp Phenolic	330TR08501S	330TR08528S
				2520	PD	Polyurethane on Aluminum	330PD08501S	330PD08528S
				3000	TL	Laminated Phenolic	330TL08501S	330TL08528S
10	3	11 1/2	2 1/4	3000	NX	Trionix™ High Impact Polymer		330NX08528S
				2400	TR	High Temp Phenolic	330TR10501S	330TR10528S
				3000	PD	Polyurethane on Aluminum	330PD10501S	330PD10528S
12	3	13 1/2	2 11/16	3000	TL	Laminated Phenolic	330TL10501S	330TL10528S
				3000	NX	Trionix™ High Impact Polymer		330NX10528S
				3000	TR	High Temp Phenolic	330TR12501S	330TR12528S
				3000	PD	Polyurethane on Aluminum	330PD12501S	330PD12528S
12	3	13 1/2	2 11/16	3000	TL	Laminated Phenolic	330TL12501S	330TL12528S
				3000	NX	Trionix™ High Impact Polymer		330NX12528S

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

POPULAR WHEEL OPTIONS



PD Polyurethane on Aluminum



TL Laminated Phenolic



TL High Temp Phenolic

Excellent steel wheel replacement!



NX Trionix™ High Impact Polymer

330 Series Wheel Selection Hints

Polyurethane

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

Phenolic

- High load capacities
- Impact resistant
- Economical

Phenolic Hi-Temp

- High load capacities
- Impact resistant
- Economical
- High-temp to +525°F (+475 intermittent)

Trionics™

- High capacity and impact strength
- Standard precision ball bearings
- Best steel wheel replacement

120

Kingpinless Stainless Steel

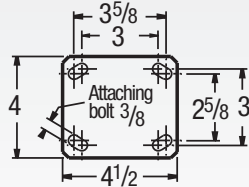
CAPACITY TO 1500



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.

MOUNTING OPTIONS

Standard Plate



FEATURES

- Top Plate:** Swivel 5/16" 304 stainless steel and welded construction for longer life. 1/4" rigid top plate
- Yoke Base:** Notched 304 stainless steel welded inside and out
- Legs:** 304 stainless welded inside and out
- Swivel Section:** One row of 3/8" ball bearings mounted in a precision machined raceway. Zerk in swivel section
- Axle:** 1/2" diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, and precision ball models)
- NSF:** Consult Factory
- Alternate or custom caster configurations available

ACCESSORIES

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

Face specify **FBD**



Face specify **FBG**

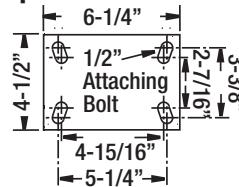
Hand operated field installable **Swivel Lock** order **SL1200000** separately



TYPICAL APPLICATIONS

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

Optional K Plate



K plates available on 6" & 8" models only

Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) (Not for manual 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	120PD04251S	
						720 XA Hi-Tech Antimicrobial Polyurethane	120XA04201S	120XA04251S	
						800 HT High Temp Glass Filled Nylon	120HT04201S		
						800 NG Maxim® Glass filled Nylon	120NG04201S		120NG04229S
5	2	6 1/2	1 3/8	720	XA	Hi-Tech Antimicrobial Polyurethane	120XA05201S	120XA05251S	
						1000 NW White Nylon	120NW05201S	120NW05251S	
						1000 HT High Temp Glass Filled Nylon	120HT05201S		
						1000 NG Maxim® Glass filled Nylon	120NG05201S		120NG05229S
6	2	7 1/2	1 9/16	900	XA	Hi-Tech Antimicrobial Polyurethane	120XA06201S	120XA06251S	
						1200 NW White Nylon	120NW06201S	120NW06251S	
						1200 HT High Temp Glass Filled Nylon	120HT06201S		
						1200 NG Maxim® Glass filled Nylon	120NG06201S		120NG06229S
8	2	10 1/8* (Option) 9 1/2	2 1/4	1200	XA	Hi-Tech Antimicrobial Polyurethane	120XA08201S	120XA08251S	
						1200 NW White Nylon	120NW08201S	120NW08251S	
						1200 HT High Temp Glass Filled Nylon	120HT08201S		
						1200 NG Maxim® Glass filled Nylon	120NG08201S		120NG08229S
				1400	PD	Polyurethane on Aluminum	120PD08201S	120PD08251S	

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

POPULAR WHEEL OPTIONS



*9-1/2" overall height also available. Add 01 after S (Example: 120XA082S01)

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

95

95 TRL Super Duty Casters (Tapered Thrust Swivel Section)

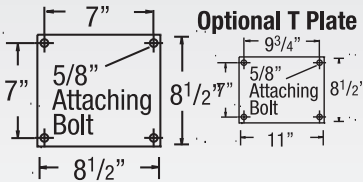
CAPACITY TO 17000



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.

MOUNTING OPTIONS

Standard Plate



Premium Quality



Towing



Environmentally Friendly (Consult factory)

FEATURES

- **Top Plate and Yoke Base:** 5/8" thick AISI 1045 drop-forged steel precision machined for bearings
- **Swivel Load Bearings:** 7" diameter machined raceway with a precision tapered roller bearing which is protected by a forged labyrinth skirt
- **Component Thrust Bearing:** 1-1/4" tapered roller bearing
- **Legs:** 1/2" steel plate formed for greater strength and welded to yoke base both inside and outside
- **King Bolt:** 1-1/4" integrally forged with top plate machined and threaded
- **Axle:** 1-1/4" solid axle and lock nut
- Alternate or custom caster configurations available

- Thrust Swivel section design features capacities up to 17000lbs per caster
- ASI 1045 drop-forged steel

RIG OPTIONS

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

ACCESSORIES

To order, add brake code below to end of model. Example: 95PY08709STRLP

Poly Cam specify **P**



Face Contact specify **F**



Welded Swivel Lock specify **L**



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

TYPICAL APPLICATIONS

- Die carts
- Towed trailers
- Automotive plants

POPULAR WHEEL OPTIONS

Excellent steel wheel replacement!



NX Trionix™ High Impact Polymer



PY Polyurethane on Cast Iron



PX Thick Tread Polyurethane on Cast Iron



VH V-Grooved Drop Forged steel



FH Large Bore 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	Tapered Roller Bearing	Precision Ball Bearing
6	3	9	2 1/4	7200	NX	Trionix™ High Impact Polymer		95NX06528STRL
				10000	VH	V-Grooved Drop Forged Steel	95VH06509STRL	
				17000	FH	Large Bore Drop Forged Steel	95FH06509STRL	
8	3	11	2 1/2	7200	NX	Trionix™ High Impact Polymer		95NX08528STRL
				3800	PY	Polyurethane on Cast Iron	95PY08709STRL	
	3850			PX	Thick Tread Polyurethane	95PX08709STRL		
	15000			VH	V-Grooved Drop Forged Steel	95VH08709STRL		
10	4	13	2 1/2	17000	FH	Large Bore Drop Forged Steel	95FH08709STRL	
				7200	NX	Trionix™ High Impact Polymer		95NX10528STRL
	6000			FH	Large Bore Drop Forged Steel	95FH10509STRL		
	4200			PY	Polyurethane on Cast Iron	95PY10709STRL		
12	4	15 1/2	2 1/2	4620	PX	Thick Tread Polyurethane	95PX10709STRL	
				17000	FH	Large Bore Drop Forged Steel	95FH10709STRL	
	5000			PY	Polyurethane on Cast Iron	95PY10809STRL		
16	4	19	3	4800	PY	Polyurethane on Cast Iron	95PY12709STRL	
				5280	PX	Thick Tread Polyurethane	95PX12709STRL	
	6000			PY	Polyurethane on Cast Iron	95PY12809STRL		
16	5	19	3	6600	PX	Thick Tread Polyurethane	95PX12809STRL	
				5970	PY	Polyurethane on Cast Iron	95PY16709STRL	
	6570			PX	Thick Tread Polyurethane	95PX16709STRL		
	7700			PY	Polyurethane on Cast Iron	95PY16809STRL		
				8000	PX	Thick Tread Polyurethane	95PX16809STRL	

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

95

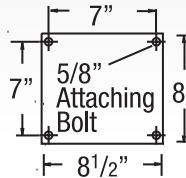
95 BBL Super Duty Casters (Ball Load Swivel)

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.

MOUNTING OPTIONS Standard Plate



FEATURES

- Top Plate and Yoke Base:** 5/8" thick 1045 AISI drop-forged steel for extended use
- Swivel Load Bearings:** 7" diameter machined and hardened raceway for smooth movement and extended wear
- Component Thrust Bearing:** 1-1/4" tapered roller bearing
- Legs:** 1/2" formed steel plate welded inside and out to yoke base
- King Bolt:** Integrally forged with top plate
- Axle:** 1-1/4" solid axle with locking nut
- Alternate or custom caster configurations available

ACCESSORIES

To order, add brake code below to end of model. Example: 95PY10709SBBLP

Poly Cam
specify **P**



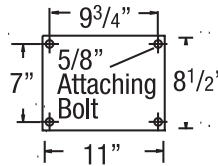
Face Contact
specify **F**

Welded Swivel Lock
specify **L**



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

Special Order T Plate



TYPICAL APPLICATIONS

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

POPULAR WHEEL OPTIONS

Excellent steel wheel replacement!



NX Trionix™ High Impact Polymer



PY Polyurethane on Cast Iron



PX Thick Tread Polyurethane on Cast Iron



TM Phenolic



FS Drop Forged steel

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) (Based for manual operation)	Wheel Code	Wheel Type	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	95PX08709SBBL	
	6			8000	FS	Drop Forged Steel	95FS08709SBBL	
10	3	13	2 1/2	5000	TM	Phenolic (Two 3" Wheels)	95TM08909SBBL	
				2900	TM	Phenolic	95TM10509SBBL	
	7200			NX	Trionix™ High Impact Polymer		95NX10528SBBL	
	5000			FS	Drop Forged Steel ¹	95FS10501SBBL		
	4			4200	PY	Polyurethane on Cast Iron	95PY10709SBBL	
	4			4620	PX	Thick Tread Polyurethane	95PX10709SBBL	
	4			8000	FS	Drop Forged Steel	95FS10709SBBL	
5	5000	PY	Polyurethane on Cast Iron	95PY10809SBBL				
6	5800	TM	Phenolic (Two 3" Wheels)	95TM10909SBBL				
12	4	15 1/2	2 1/2	4800	PY	Polyurethane on Cast Iron	95PY12709SBBL	
				5280	PX	Thick Tread Polyurethane	95PX12709SBBL	
	8000			TM	Phenolic	95TM12709SBBL		
	6000			PY	Polyurethane on Cast Iron	95PY12809SBBL		
5	6600	PX	Thick Tread Polyurethane	95PX12809SBBL				
16	4	19	3	5970	PY	Polyurethane on Cast Iron	95PY16709SBBL	
				6570	PX	Thick Tread Polyurethane	95PX16709SBBL	
	5			7700	PY	Polyurethane on Cast Iron	95PY16809SBBL	
				8470	PX	Thick Tread Polyurethane	95PX16809SBBL	

¹Model is roller bearing, not tapered roller.

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

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

90

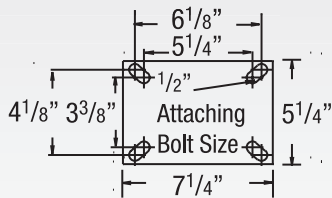
90 Heavy Duty Casters

CAPACITY TO 3500



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

MOUNTING OPTIONS 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

ACCESSORIES

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

Poly Cam brake
specify **P**



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

Face brake
specify **FBB**



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

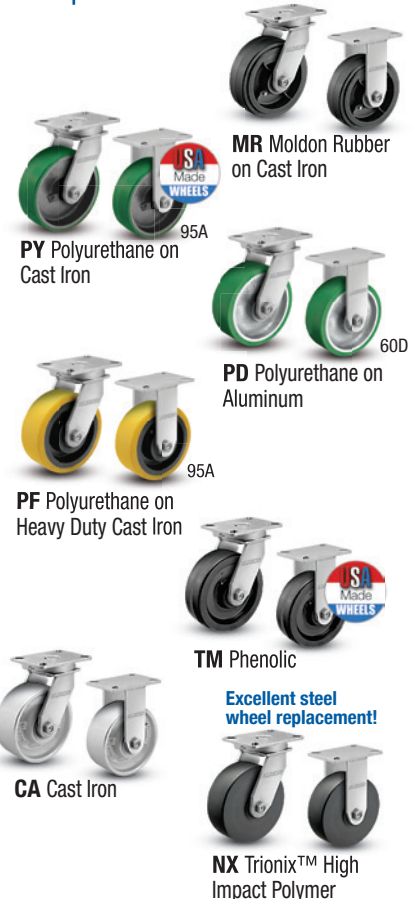
Hand operated field installable **swivel lock** order **SL900000** separately (Yokes must be notched)



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

POPULAR WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Overall Height (Inches)	Swivel Lead (Inches)	Capacity (Lbs) <small>(Based on manual operation)</small>	Wheel Code	Wheel Type	Roller Bearing	Precision Ball Bearing
6	3	8	2 1/4	750	MR	Moldon Rubber on Cast Iron	90MR06501S	
				2000	TM	Phenolic	90TM06501S	
				2200	PY	Polyurethane on Cast Iron	90PY06501S	
				2800	CA	Cast Iron	90CA06501S	
				2900	PF	Polyurethane on HD Cast Iron		90PF06528S
8	3	10 1/2	2 1/2	900	MR	Moldon Rubber on Cast Iron	90MR08501S	
				2500	TM	Phenolic	90TM08501S	
				2520	PD	Polyurethane on Aluminum	90PD08501S	
				2600	PY	Polyurethane on Cast Iron	90PY08501S	
				2800	CA	Cast Iron	90CA08501S	
10	3	12 1/2	2 1/2	3500	PF	Polyurethane on HD Cast Iron		90PF08528S
				3500	NX	Trionix™ High Impact		90NX08528S
				1000	MR	Moldon Rubber on Cast Iron	90MR10501S	
				2800	CA	Cast Iron	90CA10501S	
				2900	TM	Phenolic	90TM10501S	
12	3	15 1/2	2 1/2	3000	PD	Polyurethane on Aluminum	90PD10501S	
				3100	PY	Polyurethane on Cast Iron	90PY10501S	
				3500	PF	Polyurethane on HD Cast Iron		90PF10528S
				3500	NX	Trionix™ High Impact		90NX10528S
				1200	MR	Moldon Rubber on Cast Iron	90MR12501S	
12	3	15 1/2	2 1/2	2800	CA	Cast Iron	90CA12501S	
				3500	PY	Polyurethane on Cast Iron	90PY12501S	
				3500	PF	Polyurethane on HD Cast Iron		90PF12528S
				3500	TM	Phenolic	90TM12501S	
				3500	NX	Trionix™ High Impact		90NX12528S

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

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.

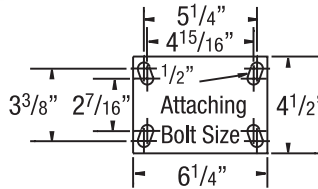


FEATURES

- Top Plate:** Rugged AISI 1045 Drop forged steel for maximum strength
- Swivel Section:** Double ball bearing coined "deep-groove" load and machined component thrust raceways
- Legs:** 3/8" steel, engineered to increase strength and welded construction
- King Bolt:** 3/4" diameter heat treated bolt and nut for enhanced load capacity
- Axle:** 3/4" diameter, hollow, with lock nut
- Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle
- Alternate or custom caster configurations available

MOUNTING OPTIONS

Standard Plate



ACCESSORIES

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

Poly Cam brake specify **P**



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

Face brake specify **FBB**



Welded Swivel Lock specify **L**

Hand operated field installable **swivel lock** order **SL810000** separately



TYPICAL APPLICATIONS

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

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	75/8	11/2	750	MR	Moldon Rubber on Cast Iron	81MR06501S	
				2000	PE	Economical Polyurethane	81PE06501S	
				2000	PY	Polyurethane on Cast Iron	81PY06501S	
				2000	PF	Polyurethane on Heavy Duty Cast Iron		81PF06528S
				2000	TM	Phenolic	81TM06501S	
8	3	10 1/8	2 1/4	900	MR	Moldon Rubber on Cast Iron	81MR08501S	
				2000	PE	Economical Polyurethane	81PE08501S	
				2000	PY	Polyurethane on Cast Iron	81PY08501S	
				2000	PF	Polyurethane on Heavy Duty Cast Iron		81PF08528S
				2000	TM	Phenolic	81TM08501S	
10	3	11 1/2	2 1/2	1000	MR	Moldon Rubber on Cast Iron	81MR10501S	
				2000	PE	Economical Polyurethane	81PE08501S	
				2000	PY	Polyurethane on Cast Iron	81PY10501S	
				2000	PF	Polyurethane on Heavy Duty Cast Iron		81PF10528S
				2000	TM	Phenolic	81TM10501S	
12	3	13 1/2	3	2000	NX	Trinox High Impact Polymer		81NX10528S
				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.

POPULAR WHEEL OPTIONS



MR Moldon Rubber on Cast Iron



Economical **PY** Polyurethane on Cast Iron



PE Polyurethane on Aluminum



Ergonomic! **PF** Polyurethane on HD Cast Iron



TM Phenolic



Excellent steel wheel replacement! **NX** Trinox™ High Impact



CA Cast Iron

62

Medium Heavy Duty Casters

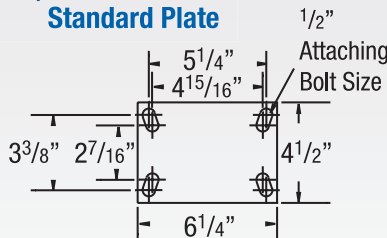
CAPACITY TO 1500



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

MOUNTING OPTIONS

Standard Plate



FEATURES

- Top Plate:** Cold formed from 1/4" steel plate to provide the strongest possible section for swivel bearing
- Swivel Section:** 3-1/4" diameter load race. Raceways are coined smooth then heat treated to minimize ball indentation and wear
- Legs:** 1/4" steel formed to increase strength and welded to the yoke base
- King bolt:** 3/4" heat treated king bolt and nut assembly
- Axle:** 1/2" diameter hollow axle with recessed zerk fitting and lock nut on straight roller and Delrin bearing. Solid axle on ball and Oilex bearings
- Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle with straight roller bearing wheels
- Finish:** All rigs are zinc plated to resist corrosion and rust
- Notched Yoke Base:** Notched to accommodate swivel lock

RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS62**

ACCESSORIES

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

Cam brake 2" tread width models only. Specify **CB62**



Face brake specify **FBK**

Swivel Lock (welded) specify **L**



Hand operated field installable **swivel lock** for standard plate order **SL620000** separately.

TYPICAL APPLICATIONS

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

POPULAR WHEEL OPTIONS



CG-MAX EFFICIENCY WHEEL™ Polyurethane on Aluminum Orange AN or Maroon AX



XS Performa Flat



FR Ductile Iron Crowded Tread



Excellent steel wheel replacement!



NX Trionix™ High Impact

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	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		62AN05228S						
				1000	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		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	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		62AN06228S						
				1250	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		62AX06228S						
				1500	NX	Trionix™ High Impact		62NX06228S						
	2 1/2	1500	1500	1500	1500	PF	Polyurethane on Iron (Yellow)	62PF06228S						
					1500	FR	Ductile Iron Crowded Tread	62FR06201S						
					1500	TM	Phenolic	62TM06407S						
					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	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		62AN08228S										
1500	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		62AX08228S										
2 1/2	1500	1500	1500	1500	PF	Polyurethane on Iron (Yellow)	62PF08228S							
				1500	FR	Ductile Iron Crowded Tread	62FR08201S							
				1500	TM	Phenolic	62TM08407S							
10	2 1/2	11 1/2	1 3/4	1500	TM	Phenolic	62TM10407S							

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

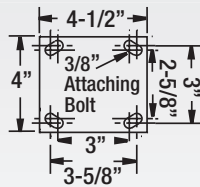
16

Made in the **USA**
Series Medium Heavy Duty Casters

CAPACITY TO 1250

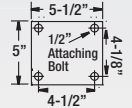


MOUNTING OPTIONS Standard Plate

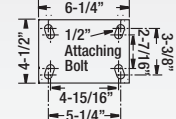


Special Order Plates

Optional D Plate



Optional K Plate



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.

FEATURES

- All caster rigs and many wheels **now made in the USA**
- 3 Year** warranty
- Improved zinc plated finish** for attractive appearance, better corrosion resistance and longer caster life
- Bigger kingpin:** New bigger, stronger 3/4" kingpin on standard top plate
- NSF Listed:** Consult factory for part specific information
- Top Plate & Yoke Base:** Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- Swivel Section:** Smooth formed, hardened double ball bearing raceways minimize ball indentation and wear
- Fork Legs:** 1/4" steel, formed to increase strength and welded to yoke base
- Axle:** 1/2" diameter hollow axle complete with lock nut with straight roller and Delrin bearings. Axle is solid with ball, plain bore, and Oilix bearings
- Wheel seals:** Nylon seal retaining/thrust washers
- Lubrication:** Zerk fitting in swivel section and in recessed head of hollow axle on straight roller and Delrin bearing wheels
- Alternate or custom caster configurations available

RIG OPTIONS

- Upper/lower raceway rubber seals help protect casters
- Notched seal kit
- Optional overall heights

ACCESSORIES

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

Total Lock brake specify **T** (4" to 8" models) specify optional 7 1/2" (HS60) overall height model if ordering 6"



Face brake Not available with swivel locks. Specify **FBA**

Face brake specify **FBE**



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

TYPICAL APPLICATIONS

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

POPULAR WHEEL OPTIONS



CG-MAX EFFICIENCY WHEEL™ Polyurethane on Aluminum Orange **AN** or Maroon **AX**

Round tread available, replace XS with XR



XS Performa Flat



PD Polyurethane on Aluminum



NG Maxim® Glass Filled Nylon



TM Phenolic

CA 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	Delrin Bearing				
3 1/4	2	4 1/4	1 3/4	400	CA	Cast Iron	16CA03201S						
				700	NG	Maxim® Nylon Glass	16NG03201S		16NG03251S				
4	2	5 5/8	1 11/16	350	XS	X-tra Soft (Flat Tread)	16XS04201S	16XS04228S	16XS04251S				
				700	PD	Polyurethane on Aluminum	16PD04101S						
				600	CA	Cast Iron	16CA04101S						
				800	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		16AN04228S					
				800	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		16AX04228S					
				800	NG	Maxim® Glass Filled Nylon	16NG04201S		16NG04251S				
				800	TM	Phenolic	16TM04201S		16TM04251S				
				1000	CA	Cast Iron	16CA04201S						
				5	2	6 1/2	1 5/8	600	CA	Cast Iron	16CA05101S		
								375	XS	X-tra Soft (Flat Tread)	16XS05201S	16XS05228S	16XS05251S
1000	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)						16AN05228S					
1000	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)						16AX05228S					
1000	NG	Maxim® Glass Filled Nylon	16NG05201S						16NG05251S				
1000	TM	Phenolic	16TM05201S						16TM05251S				
1050	PD	Polyurethane on Aluminum	16PD05101S										
6	2	7 1/4	1 3/4	600	XS	X-tra Soft (Flat Tread)	16XS06201S	16XS06228S	16XS06251S				
				1200	NG	Maxim® Glass Filled Nylon	16NG06201S		16NG06251S				
				1200	TM	Phenolic	16TM06201S		16TM06251S				
				1230	PD	Polyurethane on Aluminum	16PD06201S						
				1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		16AN06228S					
				1250	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		16AX06228S					
				1250	CA	Cast Iron	16CA06201S						
8	2	9 1/2	1 3/4	675	XS	X-tra Soft (Flat Tread)	16XS08201S	16XS08228S	16XS08251S				
				1250	AN	CG-MAX EFFICIENCY WHEEL™ (Orange)		16AN08228S					
				1250	AX	CG-MAX EFFICIENCY WHEEL™ (Maroon)		16AX08228S					
				1250	PD	Polyurethane on Aluminum	16PD08201S						
				1250	NG	Maxim® Glass Filled Nylon	16NG08201S		16NG08251S				
				1250	TM	Phenolic	16TM08201S		16TM08251S				
				1250	CA	Cast Iron	16CA08201S						

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.

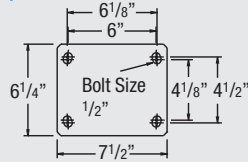
Kingpinless 615 SERIES



Swivel-EAZ® Popular

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

TYPICAL APPLICATIONS

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

Wheel Diameter (Inches)	Tread Width (Inches)	Max Capacity (Lbs) (Max. for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)
6				
8	3,	9500	9 to 15 1/2	1 3/4 to 3 5/8
10	4 or 5			
12				

POPULAR WHEEL CHOICES



Trinox High Impact Polymer (NX)



Polyurethane on Iron Core 95A (PY)



Phenolic (TM)



Polyurethane on Heavy Duty Iron Core 95A (PF) • Precision Ball Bearing

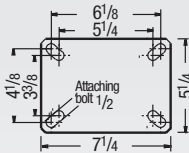


Thick Tread Polyurethane on Iron Core 95A (PX)



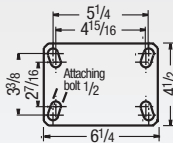
Drop Forged Steel (FS)

415 SERIES



6				
8	3	5400	8 to 15 1/2	2 1/4 to 4 1/8
10				
12				

315 SERIES

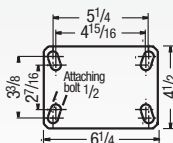


6				
8	2 and 3	4100	8 to 14	1 9/16 to 2 11/16
10				
12				

115 SERIES



CG-MAX Popular



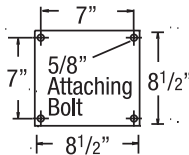
4				
5	2	2000	5 11/16 to 10 1/8	1 3/16 to 2 1/4
6				
8				

Standard Kingpin

295 SERIES



Ball Load Swivel or Precision Tapered Roller Bearing Swivel Section available

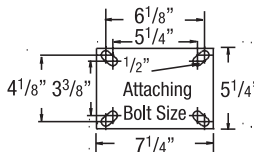


6			9	2 1/4
8	3, 4, or 5	17000	11	2 1/2
10			13	2 3/4
12			15 1/2	2 1/2

290 SERIES



290 series is similar to 90 Series models, but adds a wheel and a fork leg for extra strength

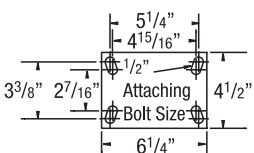


6			8	2 1/4
8	2 1/2	3500	10 1/2	2 1/2
10			12 1/2	2 1/2

281 SERIES



281 series is similar to 81 Series models, but adds a wheel and a fork leg for extra strength



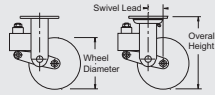
4				
5	2	2000	5 1/2 to 10 1/8	2 1/4
6				
8				

Spring-Loaded

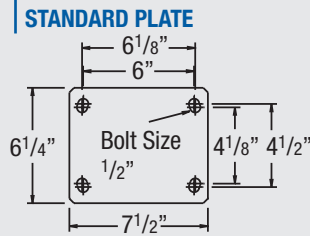
Overview

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



Kingpinless S610 SERIES



FEATURES

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

TYPICAL APPLICATIONS

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

SPECIFICATIONS

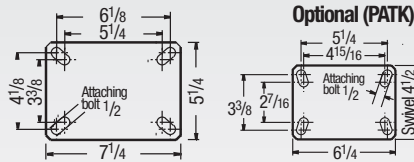
Wheel Diameter (Inches)	Tread Width (Inches)	Max Capacity (Lbs) (Relief for manual operation)	Overall Height (Inches)	Swivel Lead (Inches)
6	3	2000	11 ³ / ₄	3 ⁷ / ₈₂
8			12 ³ / ₄	4 ¹ / ₂
10			14 ⁷ / ₈	
12	3000	16 ⁷ / ₈	5 ⁵ / ₁₆	

POPULAR WHEEL CHOICES



Round Tread Poly on Aluminum 95A (PM)

S410 SERIES

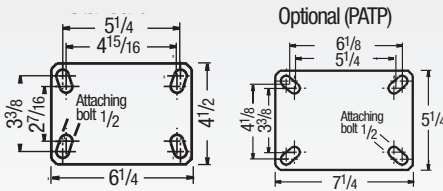


6	3	Up to 3000	10 ⁷ / ₈	3 ⁷ / ₁₆
8			11 ⁷ / ₈	4 ⁷ / ₈
10			14	
12			16	5 ¹¹ / ₁₆



XS Performa

S310 SERIES

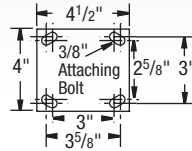


6	3	2000	10 ⁷ / ₈	3 ⁷ / ₁₆
8			11 ⁷ / ₈	4 ⁷ / ₈
10			13 ⁹ / ₂₀	
12		3000	16	5 ¹¹ / ₁₆



CG-MAX EFFICIENCY WHEEL™ Polyurethane on Aluminum 85A (AN or AX)

141 SERIES

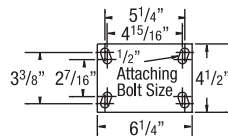


5	2	1500	7 ¹ / ₂	3
6			8	
8			10 ¹ / ₈	



Polyurethane on Iron Core 95A (PY)

Standard Kingpin 42 SERIES

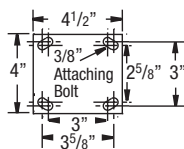


8	2 1/2	800	11 1/2	2 1/4
10			13 1/2	



Polyurethane on Heavy Duty Iron Core 95A (PF) • Precision Ball Bearing

40 SERIES



5	2	500	8	1 3/4
6			8 1/2	
8			10 1/2	



Polyurethane on Iron Core 80A (PY 80A)

Wheel Selection Guide

Popular Wheel Solutions

Maximum Efficiency Wheel™: CG-MAX Wheels



The CG-MAX wheels are designed and formulated to outperform, outlast, and take customer efficiency to the MAX.

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant



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



Orange (AN) and Maroon (AX) CG-MAX: Polyurethane on Aluminum 85A

See in caster pages: 8, 9, 10, 13, 16, 23 and 34.

See overview on page 28. page numbers

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

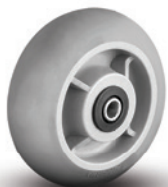


The Performa rubber wheels offer the best soft, high performance rubber wheels on the market. Ideal to replace any black, rubber on iron wheel for a lasting wheel that rejects debris (including metal shavings), absorbs shock, and is USA-made on all 2" wide models.

XS: Performa Rubber Flat Tread

See in caster pages: 9, 10, 16, 23 and 24.

See overview on page 33.



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

XR: Performa Rubber Round Tread

See in caster pages: 9 and 10.

See overview on page 33.



Heavy Duty Ergonomics: PF Wheels



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: 8, 9, 11, 12, 13, 14, 15, 16, 21, 22 and 23.

See overview on page 29.

Strength and Floor Protection: NX Wheels



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

NX: Trionix™ High Impact Polymer

See in caster pages: 8, 10-13, 17-23 See overview on page 31.

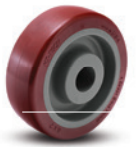
New for 2024!



Colson Group Hi-Tech Polyurethane*



- **Cost saving opportunity:** Fewer replacements needed with up to 4x longer life expectancy
- **Heavier Loads:** Thicker, sturdier hub with greater impact strength and 20% increased capacity
- **Heavier Loads:** Reduce the risk of injuries and facilitate easier operation with a 20% improvement in ergonomics.
- **Clean:** Streamlined core design helps prevent debris buildup and is easier to clean (Excellent for food service and healthcare applications)
- **Antimicrobial:** Anti-microbial material is available in standard grey tread only. Optional maroon tread is not anti-microbial
- **XA replacement:** Grey model is XA and replaces 1st generation XA wheels.



*Testing completed using Institute of Caster and Wheel Manufacturers (ICWM) parameters comparing Standard to Enhanced GEN 2 design.



XA: Hi-Tech Polyurethane

See in caster pages: 10 and 18.

See overview on page 30.

Wheels

Polyurethane on Aluminum Wheels



Ergonomic



Maintenance Free



Premium Quality



Towing*

CG-MAX EFFICIENCY WHEEL™ Polyurethane on Aluminum

The CG-MAX wheel was designed and formulated to outperform, outlast, and take customer efficiency to the MAX. With best-in-class ergonomics and durability, this versatile polyurethane on aluminum wheel will drive new value into your operations.

- **Wheel Diameters:** 4", 5", 6", 8" and 10"
- **Wheel Tread Width:** 2"
- **Capacity Each:** 800 lbs to 2,000 lbs
- **Wheel Face:** Round tread
- **Finish:** Orange (AN) or Maroon (AX) on aluminum core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 85 Shore A
- Wheels feature patent pending spacers

AN AX



Standard tread
85 Shore A

- Our most advanced polyurethane wheel
- ANSI:ICWM tested to outlast and outperform the competition
- Best-in-class ergonomics increase user safety and reduce fatigue
- Patent pending self-retaining top hats reduce environmental and assembly waste
- Debris resistant

Top Hats
Reduce Waste



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



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



Premium Quality

Polyurethane on Aluminum Core

Composed of a polyurethane elastomer, open cast on clean, close tolerance cores. Polyurethane tread is chemically bonded to aluminum core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels. PA wheels feature cast aluminum cores. PD wheels feature die cast aluminum cores.

- **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^{95A} PD^{60D}



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
- **Finish/Hardness:** Green 95 Shore A; Butterscotch 80 Shore A
- Wheels are complete with top hat and spacers

PM

Softer tread
80 Shore A



Polyurethane on Iron Wheels

PY PH



Premium Quality



Towing*

Polyurethane on Iron

These wheels are composed of a polyurethane elastomer, open cast on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.



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

- **Wheel Diameters:** 3¹/₄", 5", 6", 8", 10" and 12"
- **Wheel Tread Widths:** 2¹/₂" to 5"
- **Capacity Each:** 420 lbs to 6000 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



Harder tread
70 Shore D



Softer tread
80 Shore A



Standard tread
95 Shore A

PX



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:** 3" to 5"
- **Capacity Each:** 2,450 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

PF_{95A}



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" and 3"
- **Capacity Each:** 2,000 lbs to 4,400 lbs
- **Wheel Face:** Radius tread
- **Finish:** Yellow on HD cast iron black core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 95 Shore A



AZ_{90A}



Ergonomic



Maintenance Free

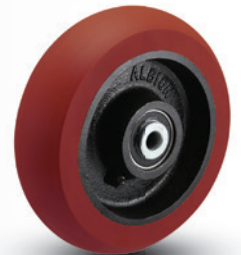


Premium Quality

Polyurethane Reactive

This special polyurethane material is resistant to picking up metal chips. Wheels are quiet rolling and provide easy turning.

- **Wheel Diameters:** 6", 8", 10" and 12"
- **Wheel Tread Widths:** 3"
- **Capacity Each:** 1,800 lbs to 2,400 lbs
- **Wheel Face:** Round tread
- **Finish:** Maroon tread on cast iron black core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 90 Shore A



PE



Premium Quality

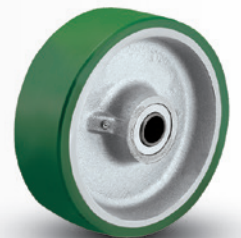


Towing*

Economical Polyurethane on Cast Iron

PE wheels are composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

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



Wheels

Solid Polyurethane Wheels



Ergonomic



Maintenance Free



Premium Quality

Endura 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



Ergonomic



Maintenance Free



Premium Quality



Towing^

K Wheel Solid Polyurethane

The K Wheel is molded from a high strength urethane compound which possesses the load characteristics of steel but gives the smooth effortless ride you expect from polyurethane. Solid wheel has no plastic or metal core thereby eliminating any possibility of tread separation. It is not affected by blood, brine, greases, oils, or most harsh chemicals. It's steam cleanable.

- **Wheel Diameters:** 4", 5", 6", 8"
- **Wheel Tread Widths:** 2"
- **Capacity Each:** 700 lbs to 1500 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Solid blue urethane
- **Temperature Range:** -22°F to +158°F
- **Hardness:** 55(±5) Shore D
- **Wheels are complete with top hat and spacers**



Polyurethane on Polypropylene Wheels

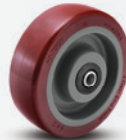


Economical

Hi-Tech Anti-Microbial Polyurethane on Polypropylene

Industrial strength polyurethane tread is insert molded to a interlocking "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. The grey tread features anti-microbial material. This wheel has excellent properties where washdown of material handling equipment is required. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is grey on grey core.

- **Wheel Diameters:** 4", 5", 6", 8"
- **Wheel Tread Widths:** 2"
- **Capacity Each:** 720 lbs to 1,200 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Grey tread on grey core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 55(±5) Shore D



Maroon XM also available. XM not antimicrobial.



Wheels

Nylon Wheels

NX



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" and 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



DT



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



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



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", and 8"
- **Wheel Tread Widths:** 2" "
- **Capacity Each:** 700 lbs to 1,400 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



Wheels

Metal Wheels

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



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



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:** 4", 5", 6", 8", 10", 12", 14", 16" and 18"
- **Wheel Tread Widths:** 1" to 4"
- **Capacity Each:** 1,000 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



Rubber Tread Wheels

MH

95A

MR

70A to 85A



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:** 3 1/4", 4", 5", 6", 7", 8", 10", 12", 16", 18" and 20"
- **Wheel Tread Width:** 1 1/2" to 5"
- **Capacity Each:** 340 lbs to 2,500 lbs
- **High Tensile Strength**
- **Wheel Face:** Moderate crown
- **Finish:** Black tread on black enamel core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** MH 95A; MR 70-85 Shore A



MD



Premium Quality

Mold-On Rubber on Die Cast Aluminum

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", and 8"
- **Wheel Tread Width:** 1 1/2" to 5"
- **Capacity Each:** 400 lbs to 600 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Black tread on black enamel core
- **Temperature Range:** -40°F to +180°F
- **Hardness:** 80-83 Shore A



Wheels

Rubber Tread

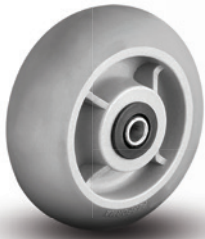


Premium Quality

Performa Rubber Flat

The Performa rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need.

- **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



Premium Quality

Performa Rubber Round

The Performa rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer your every application need.

- **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



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:** 10¹/₂"
- **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



Phenolic Wheels



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:** 4", 5", 6", 7" 8", 10", 12", 16" and 18"
- **Wheel Tread Widths:** 2" to 6"
- **Capacity Each:** 800 lbs to 8,000 lbs
- **Wheel Face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (+300°F intermittent)
- **Hardness:** Rockwell 102 E



Accessory Overview

This overview does not contain all part numbers. It is designed to provide an overview of our most popular products, please see our full-line catalog or website for additional products or specifications.

Swivel Locks



Welded Hand Operated

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



Field Installable Hand Operated



Field Installable Foot Operated

Series	Factory Install Code	Hand Operated Part Numbers	Foot Operated Part Numbers
Swivel Locks			
16	L	SL16000013A	SL160002
18	L	SL16000013A	N/A
40	L	SL16000013A	N/A
42	L	SL810000	N/A
44	L	SL900000	N/A
62	L	SL620000	N/A
72	L	SL720000	N/A
81	L	SL810000	N/A
90	L	SL900000	N/A
110	L	SL16000013A	SL160002
120	L	SL1200000	N/A
170	L	SL16000013A	SL160002
310	L	SL3000000	N/A
330	L	SL33000000	N/A
410	L	SL4000000	N/A
610	L	SL6000000	N/A

Consult factory for optional top plates and if yoke base is notched

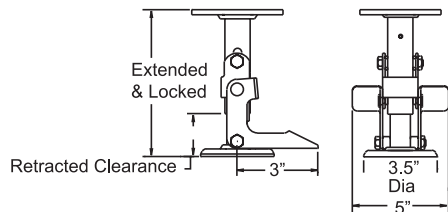
Standard Floor Locks



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

FEATURES

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

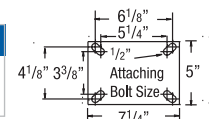
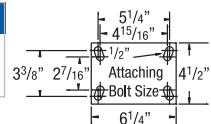
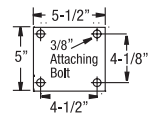
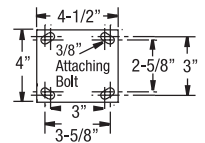


Caster Wheel Diameter (Inches)	Caster Series Number	Caster Height (Inches)	Retracted Clearance	Approx. Wt. (LBS)	Floor Lock Number
16/71 Series Floor Locks					
4	16, 71	5 ⁵ / ₈	3/4	3 ¹ / ₄	16LF0480
5	16, 71	6 ¹ / ₂	3/4	3 ¹ / ₂	16LF0580
6	16	7 ¹ / ₄	3/4	3 ¹ / ₂	16LF0680
6	71	7 ¹ / ₂	3/4	3 ³ / ₄	71LF0680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

12/61 Series Floor Locks					
4	12, 61	5 ⁵ / ₈	9/16	4	12LF0480
5	12, 61	6 ¹ / ₂	1	4 ¹ / ₄	12LF0580
6	12, 61	7 ³ / ₈	1	4 ¹ / ₄	12LF0680
8	12, 61	9 ¹ / ₂	1	4 ³ / ₄	12LF0880

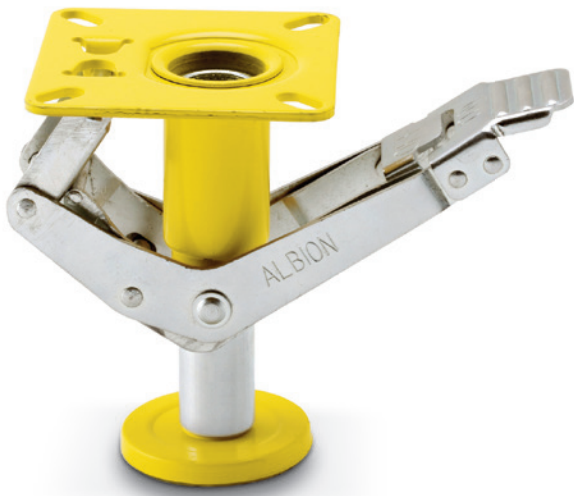
62, 63, 72, 81 Series Floor Locks					
6	62, 63, 72, 81	7 ¹ / ₂	1	4 ¹ / ₄	62LF0680
8	62, 63, 72, 81	10 ¹ / ₈	1	4 ¹ / ₂	62LF0880

90 Series Floor Locks					
6	90	8	1	6	90LF0680
8	90	10 ¹ / ₂	1	6 ¹ / ₂	90LF0880



Accessory Overview

16 Series ERGOⁿomic Floor Locks



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

FEATURES

- Ergonomically designed extended pedals make this floor lock the best in the industry!
- Bright Safety Yellow powder coating
- Easy to operate – even with steel toed boots
- Top plate bolt hole spacing: same as 16 Series
- Brake Shoe: Large, non-skid, molded rubber for solid, no-slip contact
- Foot Pedal: Adjusted by slight foot pressure for simple, instant locking
- Finish: Corrosion resistant zinc plate and powder coating for long-use



Easy to engage. Simply push down on ergonomically designed extended pedal to activate.



Easy to disengage. Simply push down on top pedal to deactivate.

Quick-Release Caster Pads



Albion quick-release caster pads make changing casters fast and easy.

- Simplifies caster replacement
- Install or replace casters with just one nut & bolt
- Unplated for easy welding to carts

Description	Series	Caster Pad Number
Quick Release Caster Pads		
Fits 4" x 4 1/2" Top Plate	16	PC160000
Fits 4" x 4 1/2" Top Plate	18, 110	PC110000
Fits 4 1/2" x 6 1/4" Top Plate	62, 63, 72, 16 Pattern K, 310	PC620000



See full line catalog or www.albioninc.com for complete information and more on caster accessories.



ALBION®

// THE CASTER EXPERTS

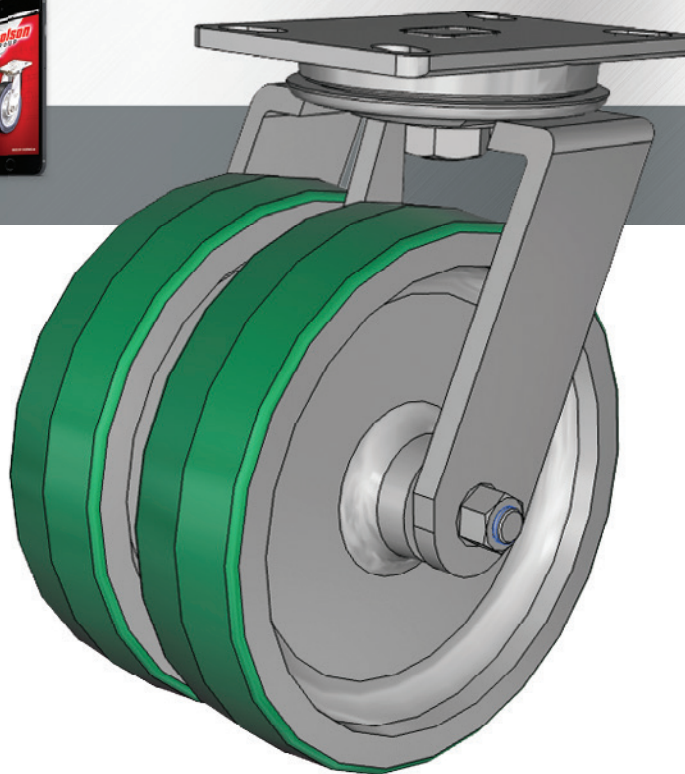


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THE GLOBAL LEADER
IN CASTERS AND WHEELS

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800.835.8911

We work hard to ensure all specifications and part numbers are accurately represented throughout our catalog, however catalog specifications are subject to change without notice.