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CATEGORY 01 – LIGHT DUTY CASTERS

For Loads: Up to 150 lbs.
Category: Institutional
Types: Kingpin

CATEGORY 02 – LIGHT DUTY CASTERS

For Loads: Up to 300 lbs.
Category: Institutional
Types: Kingpin / Stainless Steel

CATEGORY 03 – MEDIUM DUTY CASTERS

For Loads: Up to 600 lbs.
Category: Institutional / Industrial
Types: Kingpin / Stainless Steel

CATEGORY 04 – MEDIUM DUTY CASTERS

For Loads: Up to 900 lbs.
Category: Institutional / Industrial
Types: Kingpin / Kingpinless / Stainless Steel

CATEGORY 05 – HEAVY DUTY CASTERS

For Loads: Up to 1400 lbs.
Category: Industrial
Types: Kingpin / Kingpinless / Stainless Steel

CATEGORY 06 – HEAVY DUTY CASTERS

For Loads: Up to 2000 lbs.
Category: Industrial
Types: Kingpin / Kingpinless / Stainless Steel / Spring Loaded Rigs

CATEGORY 07 – HEAVY DUTY CASTERS

For Loads: Up to 3500 lbs.
Category: Industrial
Types: Kingpin / Kingpinless / Spring Loaded Rigs

CATEGORY 08 – EXTRA HEAVY DUTY CASTERS

For Loads: 5,000 – 10,000 lbs.
Category: Industrial
Types: Kingpin / Kingpinless / Spring Loaded Rigs

CATEGORY 09 – EXTRA HEAVY DUTY CASTERS

For Loads: 10,000 – 20,000 lbs.
Category: Industrial
Types: Kingpin / Kingpinless / Spring Loaded Rigs

CATEGORY 10 – EXTRA HEAVY DUTY CASTERS

For Loads: 20,000 – 100,000 lbs.
Category: Industrial
Types: Kingpin / Kingpinless

(CONTINUED ON NEXT PAGE...)

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- U.S. Wheels **4-92**
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  Plastic (Nylacron™, Solid Elastomer, Nylon, Kryptonic™, Phenolic / Texite, Polypropylene, Retort)
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  Solid Steel, Cast Iron, Nylacron™, Nylon, Premium Urethane, Guide Wheels, Rubber
- Rader Vogel™ Wheels **116-157**
  Vulkollan®, Pevosoft® & Pevopur®, Pevolon®, Pevolastic® / Pevothan®, Drive Wheels, Guide Rollers, Pallet Rollers, Press-On Tires

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Overview of Caster Industry – Category Breakdown

INSTITUTIONAL				INDUSTRIAL					
Light Duty		Medium Duty		Heavy Duty			Extra Heavy Duty		
Category 01	Category 02	Category 03	Category 04	Category 05	Category 06	Category 07	Category 08	Category 09	Category 10
Loads To 150 lb	Loads To 300 lb	Loads To 600 lb	Loads To 900 lb	Loads To 1,400 lb	Loads To 2,000 lb	Loads To 3,500 lb	Loads To 10,000 lb	Loads To 20,000 lb	Loads To 100,000 lb
Caster Types	Caster Types	Caster Types	Caster Types	Caster Types	Caster Types	Caster Types	Caster Types	Caster Types	Caster Types
Pressed Steel	Pressed Steel	Pressed Steel	Pressed Steel						
		Cold Forged	Cold Forged	Cold Forged	Cold Forged				
			Hot Forged	Hot Forged	Hot Forged	Hot Forged	Hot Forged	Hot Forged	Hot Forged
Kingpinless	Kingpinless	Kingpinless	Kingpinless	Kingpinless	Kingpinless	Kingpinless	Kingpinless	Kingpinless	Kingpinless
Zero Tolerance	Zero Tolerance	Zero Tolerance	Zero Tolerance	Zero Tolerance	Zero Tolerance	Zero Tolerance	Zero Tolerance	Zero Tolerance	Zero Tolerance
Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel			
	Shock Absorbing		Shock Absorbing	Shock Absorbing	Shock Absorbing	Shock Absorbing	Shock Absorbing	Shock Absorbing	Shock Absorbing
	Dual Wheel		Dual Wheel	Dual Wheel	Dual Wheel	Dual Wheel	Dual Wheel	Dual Wheel	Dual Wheel

Note: Actual manufacturer load ratings in each product category may vary based on their testing.

Precision Ball Bearing Wheels (Section 11)

Steel / Stainless Steel

Continuous Cast Iron (Tensile 100,000 PSI), Continuous Cast Ductile Iron (Tensile 65,000 PSI) and Stainless Steel, CNC machined in-house. Performance far exceeds standard Cast Iron and Ductile Iron. All available with any size Standard or Stainless Steel Precision bearings. Made to fit any Caster Rig Hub Length.
Available in: Flat Tread, Crowned, Flanged, Double Flanged, V-Grooved. Custom Designs for any type bearing.
Sizes to: 36"

Nylacron Wheels™ (NY)

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)
Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Solid Elastomer (SE)

Cast Solid Straight Sided Polyurethane Elastomer with much stronger cores and hubs have higher performance characteristics and load capacities than injection molded solid elastomers. Resists corrosion and many hazardous chemicals. Low heat build up in continuous use (power towing) and lower maintenance. Available in all sizes with Standard and Stainless Steel Precision Bearings.
Available in all sizes with precision bearings.
Available in: Anti Static Green, Yellow or other colors.

Kryptonic™ (KR)

Polyether Polyurethane with excellent load capacities to 1500 lbs. Easy rolling, quiet operation and excellent for normal and moderate high temperature washdown conditions up to 230 degrees F. Extensive use in Bakeries, Food Service, Pharmaceutical, Health Care Industries.
Available with: Standard and Stainless Steel bearings.

Nylon (NN)

Molded Nylon 6 wheels, with and without urethane tread have low rolling resistance and excellent corrosive resistance to many substances. Under normal conditions, they are maintenance free with dual sealed precision bearings. Extensive use in Food Service, Bakeries, Meat packing.
Available with: Standard and Stainless Steel bearings.

Super Elastic Tires

Super elastic rubber tires can be used to replace foam filled pneumatic tires. They are puncture proof (no-flat tires) and maintenance free and have precision ball bearings.

Precision Ball Bearing Wheels (Section 11)

Vulkollan™ (VU) Tractothan®

Vulkollan™, Besthane® and Besthane® Soft are the best of the urethane wheels (600% plus elongation to rupture) with dual sealed, pre-loaded precision ball bearings for heavy duty and speeds above 8 mph. AGV's, HD Power Towing, Lift Trucks, Pallet trucks, Press-ons, Drive Wheels.
Available in: Electrically Conductive Black.
Sizes to: 36"
Capacities: to 20,000 lbs

Premium Urethanes Pevothan®, Pevopur®, Pevosoft®

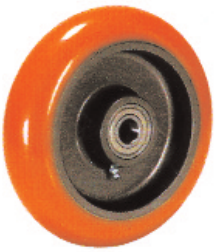
Premium Urethanes up to 550% elongation, with dual sealed precision ball bearings for use on equipment where speed is less than 8 mph. Cast Iron, Steel, Nylacron™, or Aluminum Cores. Premium Urethane Soft (70A) replaces rubber in many industrial applications.
Sizes to: 36"
Durometers: 70A (Black), 80A (Red), 95A (Blue), 60D (Gray)
Capacities: to 20,000 lbs.

Swivel-EAZ™ / Dual-in-One (SWE) Premium Urethane Integrated Twin Wheels

Eliminates the need for costly dual-wheel casters and provides dual-wheel operation in a single wheel rig. Premium Urethane crown or flat tread. All wheels with dual sealed precision ball bearings.
Fits Hub Lengths: 2-1/2", 3", 3-1/2" and 4-1/2"
Durometers: 70A (Black), 80A (Red), 95A (Blue), 60D (Gray)
Standard Sizes: 3", 4", 5", 6", 8",10",12"
Capacities: to 4550 lbs
Ideal for Manual or Power Towing up to 8 mph

Elastic Rubber Aluminum / Nylon Core

Super elastic rubber tread wheels with precision ball bearings are rapidly replacing moldon rubber tread wheels. They allow higher loading, smoother riding, higher wear resistance, very low rolling resistance and are non-marking.
Available in: Blue (Standard), Black, Green or Gray Treads.



Premium Urethane Donut Tread Wheels

Effortless rolling, very low push-pull efforts. Excellent performance for manual / power towing. Non-marking and floor protective.
Sizes: 4" - 16"
Durometers: 93° ± 3° Shore A, Softer 83° ±3° shore A, and harder 73° ±3° Shore D
Capacities: to 3,520 lbs.
Available in: Cast Iron and Aluminum cores

Elastic Rubber Wheels Cast Iron / Steel Core

For power towing applications by suitably de-rating the load capacity. Sealed precision ball bearings.
Tread Options: Anti-static; conductive and oil resistant wheels are available.
Sizes: 4" - 16"
Durometers: 75° ±5° Shore A
Capacities: to 3,300 lbs.

Custom Precision Ball Bearing Wheels

STEEL

Made In-House on CNC's

Any size or shape to print or
for use in any series caster rig.

Nylacron™ MOS2 (NY/MD)
Nylacron™ Heat Stabilized Blue (NY/HSB)
Nylacron™ Monocast (NY/MC)
Now Available: *Nylacron™ Glass Filled (NY/GF)
***Not Shown**

Made In-House on CNC's

Any size diameter (up to 51"), or shape to print or
for use in any series caster rig,
2", 2-1/2",3", 3-1/2", 4-1/2" Hub Length.

STAINLESS STEEL

Made In-House on CNC's

Any size or shape to print or
for use in any series caster rig.

VULKOLLAN®, TRACTOTHAN®, PEVOPUR®, PEVOSOFT®, PEVOLON®, PEVOTHAN®. PEVOLASTIC®

Made the Hot-Cast Way

Any size or shape to print or
for use in any series caster rig.

Vulkollan® Is Ideal For:

Drive wheels and High Speed applications.

Swivel-EAZ™ (Dual-in One) / Urethane Precision Ball Bearing Wheels

MANUAL OR TOWING APPLICATIONS

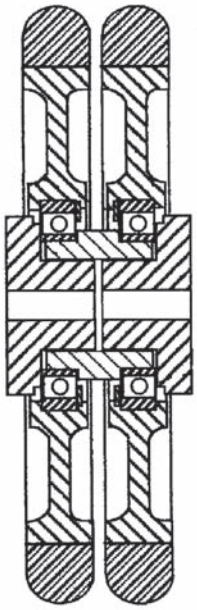
Made to Fit 2-1/2", 3", 3-1/2" Hub Lengths

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Choice of Four Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Diameter Sizes: 3", 4", 5", 6", 8", 10"
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

8" Kingpinless HD Swivel Caster with (80A) 8 X 2" CROWN TREAD SWIVEL-EAZ™ (Dual-in-One) Wheel

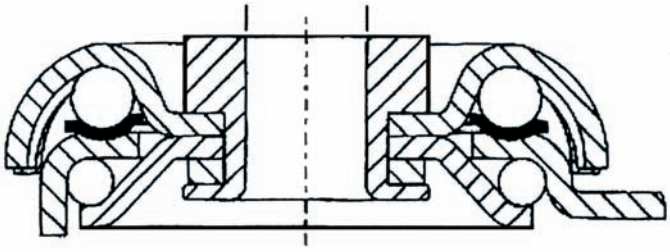
SWIVEL-EAZ™ U.S. Patent 6,880,203 B1



The ability of the wheels to rotate at differing rates or in opposite directions at the same time greatly enhances the ability to turn about the vertical pivot axis, making a change in overall direction much smoother.

10" Kingpinless™ Swivel Caster with 95A FT 10" X 3" SWIVEL-EAZ™ (Dual-in-One) Wheel

02C Hardened Shims in Main Ball Raceway (Category 02)



Hardened Shims in Main Ball Raceway

Unique pressed steel double ball race swivel with hardened raceway shims functions as kingpinless construction to give longer life.

Plate Type w/ Total Lock Brake

02C SERIES
POLISHED CHROME STEEL
and
POLISHED STAINLESS STEEL

Plate, Swivel, Rigid, Stem and Hole Types

TOTAL LOCK METAL WHEEL BRAKES

Precision Ball Bearing Wheels

Rigid Type

Stem Type w/ Total Lock Brake

Hole Type w/ Total Lock Brake

Swivel / Swivel Lock / Total Lock Precision Caster (Section 15)

BB-TEK TWO-IN-ONE BI-BRAKE PRESSED STEEL CASTERS

BB-Tek Casters are recommended for medium duty applications on equipment such as portable computers, instruments, test or equipment stations and were designed for frequent portability. Precision Bearings in both the swivel and wheels, ease of rollability and maneuvering are its main features.

- Swivel can be locked in steering direction, while wheel remains free to roll, allowing straight line tracking
  OR
- Both swivel and wheel can be simultaneously locked for no movement.

KEY FEATURES

- Swivel Head and Wheel are fitted with precision ball bearings to ensure maximum swiveling, ease and rollability with maximum quietness.
- Unique, patented BB-TEK Bi-Braking System provides two kinds of braking systems, Dual Locking and/or Directional Locking Brakes, in same caster.

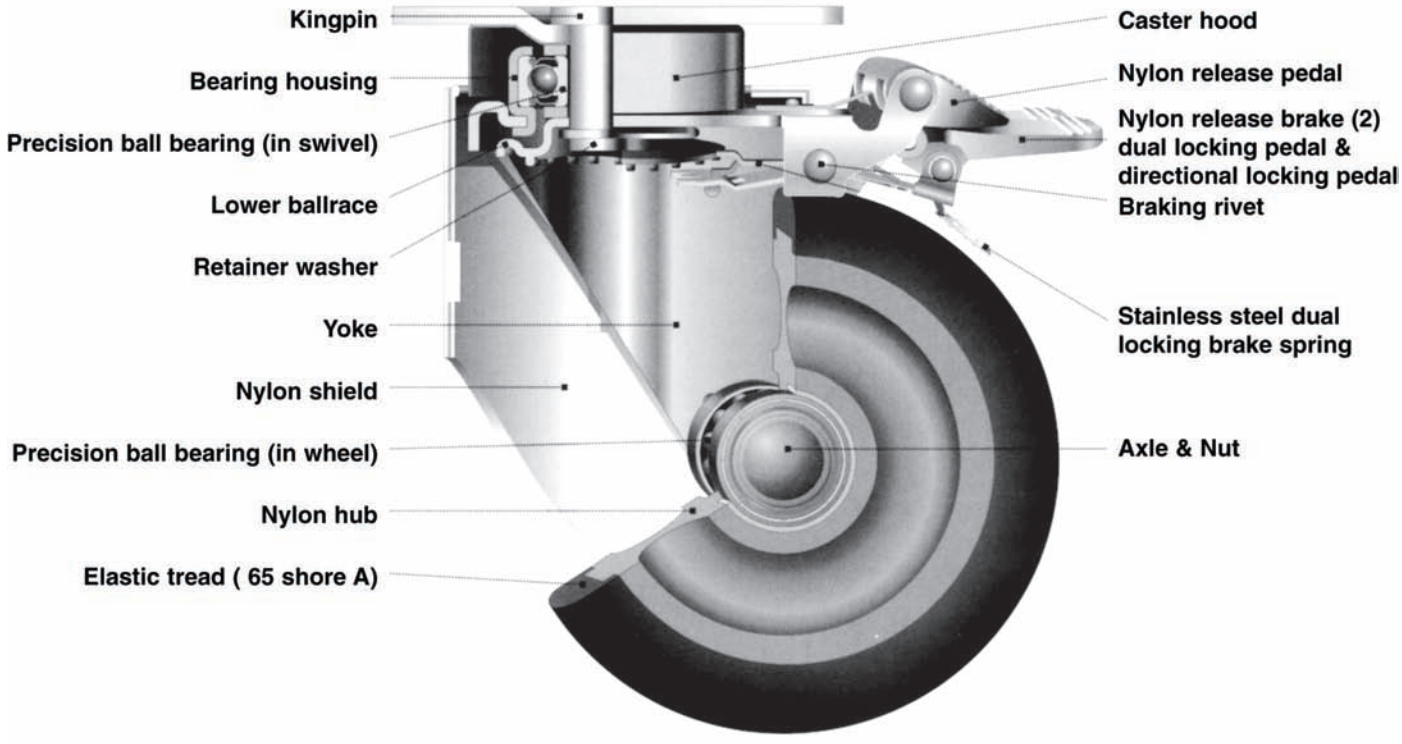
03C SERIES

- **Ergonomic**
- **Maintenance Free**
- **Ease of Rollability**
- **Available without Schroud**
- **5, 6 and 8 inch sizes**

Bi-Brake Casters

1. Swivel only
2. Directional Lock (Wheel only free to turn)
3. Total Lock Brake (Both wheel and swivel locked)
4. Release Pedal reverts caster back to swivel only.

Pedal 1: Locks the swivel in the steering direction but wheel remains free for straight line tracking.
Pedal 2: Locks the wheel only



Kingpinless™ Offset Ball Race

Kingpinless™ Best Value Casters with Dual Sealed Precision Bearing Wheels are rapidly replacing all other type of casters in Industrial Medium and Heavy Duty Manual or Towing applications.

KINGPINLESS™ OFFSET BALL RACE SWIVEL SECTION

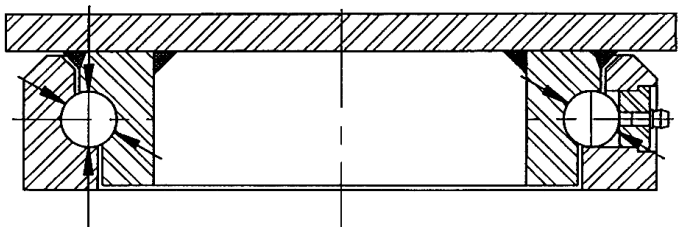


Figure #1

The swivel section in figure #1 is of the **Offset Precision Full Contact Ball Race Design** and surface-hardened to reduce premature wear and brinelling.

In direct static loading, as a load is placed on the caster, the forces are initially transmitted to the rearward balls. Due to the fact that the balls ride on an incline, they tend to climb up the incline.This pulls the yoke to the rear of the caster. As this occurs, part of the load is transmitted around the bearing to the front of the caster. This gives distribution of the load over the entire swivel bearing instead of just the rear balls.

When thrust forces occur, as when the caster is swiveled or it hits an obstruction, these forces will push the yoke backwards in an attempt to rotate the yoke. The yoke is pulled down on the front part of the bearing and pushed up in the back. In this way,the thrust is distributed over the entire bearing.

KINGPINLESS™ DESIGN BENEFITS

1. **Reduction in caster failures**
2. **Greater caster service life**
3. **Easier swivel motion**
4. **Eliminates kingpin tightening and maintenance**
5. **Reduced caster shimmy and shake**
6. **OPTIONAL TOP PLATES, OAH, HUB LENGTHS AND SWIVEL RADIUS, IN BOTH USA AND EURO STANDARDS.**

KINGPINLESS™ RACEWAY DESIGN DIAMETERS AND BALL BEARINGS SIZES

CATEGORY 04 — 4-71K™ SERIES
Load Capacity to: 1,800 lb
Raceway: 2-3/8” diameter with 3/8” ball bearings

CATEGORY 05 — 5-72K™ SERIES
Load Capacity to: 4,000 lb
Raceway: 2-3/4” diameter with 1/2” ball bearings

CATEGORY 06 — 6-81K™ SERIES
Load Capacity to: 6,000 lb
Raceway: 3” diameter with 1/2” ball bearings

CATEGORY 07 — 7-90K™ SERIES
Load Capacity to: 6,000 lb
Raceway: 4-1/4” diameter with 5/8” ball bearings

CATEGORY 08 — 8-94K™ SERIES
Load Capacity to: 10,000 lb
Raceway: 4-1/2” diameter with 5/8” ball bearings

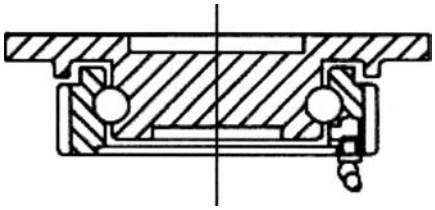
CATEGORY 09 — 9-95K™ SERIES
Load Capacity to: 20,000 lb
Raceway: 4-1/2” diameter with 3/4” ball bearings

CATEGORY 10 — 10-98K™ SERIES
Load Capacity to: 40,000 lb
Raceway: 7” diameter with 3/4” ball bearings

Kingpinless HD Casters

Kingpinless HD Type Casters are the best value choice for. performance ergonomics, safety and less cost in use for AGV Stabilizing Casters, Gantry Crane Casters, Dual Wheel Casters, Swivel- Eaz™ Casters, Nylacron™ Casters or Pneumatic Casters.

Swivel-Eaz™ (Dual-in-One) 80A Durometer



Vulkollan™ Tread Dual Wheel AGV Precision

Pneumatic

Swivel-Eaz™ (Dual-in-One) 95A Durometer

Nylacron™ NY/MD, NY/MC, NY/HSB, NY/GF

DUAL SEALED PRECISION BEARING WHEELS FOR ALL TYPE KINGPINLESS CASTERS

All precision bearing wheels are equipped with end caps to fit hub length and axle sizes.

Nylacron™ (NY/MD)

Vulkollan™ (VU)

Urethane 93A UR/CA

Urethane Soft 80A URS/CA

SWIVEL-EAZ™ (SWE)

Elastic Rubber (SF)

Hospital / Pharmaceutical / Health Research

Stainless Steel Kingpinless Casters

Stainless Steel Total Lock Brakes LEADING or TRAILING Edge

Stainless Steel Precision Ball Bearings Wheels:

- Kryptonic™ (KR)
- Nylon Fiberglass (NF)
- Nylon / Pevolon (NN)
- Nylacron™ Heat Stabilized Blue (NY/HSB)
- Nylacron™ Monocast (NY/MC)
- Nylacron™ MOS_2 (NY/MD)
- Solid Elastomer (SE)
- Stainless Steel (SS)

Pressed Steel Kingpinless
Stainless Steel Caster
with Heavy Duty Nylon Wheel
and Adjustable Total Locl Brake

Pressed Stainless Steel Caster
with Heavy Duty Nylon Wheel and
SS Trailing Edge and Total Lock Brake
(Wheel Bootie shown above)

Kingpin Stainless Steel Caster
with Kryptonic™ Wheel and
SS Trailing Edge
Total Lock Brake

Kingpinless HD Stainless Steel Caster
with Kryptonic™ Wheel and
SS Leading Edge
Adjustable Total Lock Brake

Epoxy Coated Caster Rigs (Category 04)

Independent laboratory testing shows EPOXY COATED caster forks virtually unaffected after 500 hours of ASTM B 117-85 Salt Spray Test. EPOXY COATING is an attractive alternative to Stainless Steel Casters in some wet applications.

Zinc Plating
failed after 48 hours.

Dichromate Zinc Plating
failed after 72 hours.

Epoxy Powder C Creating
virtually unaffected after 500 hours.
Category 04 Swivel Section
04F-YA-08201-S Epoxy Coated
Swivel Rig Shown

FINISHES – TECHNICAL FACTS

No one likes rust or corrosion. How can we effectively eliminate or control this condition? Methods of dealing with the problem include the proper application of paint, plating or use of powder coating. Stainless Steel can also be employed.

Following are some alternatives and their related benefits.

Stainless Steel

1. **Stainless steel is resistant to nitric acid and sulphuric acid.**
2. **Stainless steel is resistant to many organic acids, including practically all food acids.**
3. **Stainless steel is not resistant to seawater or photographic solutions.**

Zinc Plating or Yellow Zinc

1. Zinc is used-as a protective coating on steel because it is resistant to attack in many environments.
2. Zinc coatings are inexpensive and easy to apply.
3. Zinc plating provides protection against rusting and pitting.
4. In sea water, zinc plating effectively resists rusting in steel.
5. Zinc plating is applied for corrosive industrial service in a thickness not less than .0002 inches.

Chromium Plating

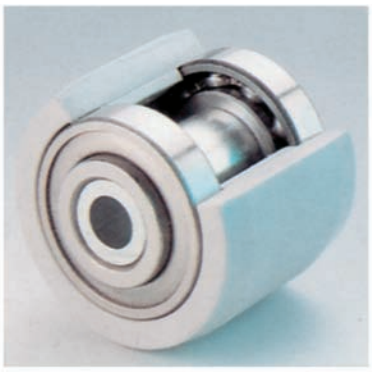
1. Chromium plating is for objects which must not only be protected from corrosion, but also must present a bright and pleasing appearance.
2. Appearance is maintained both indoors and outdoors, and when in contact with precipitation, soap and other cleaning solutions, food products and beverages.

Powder Coating

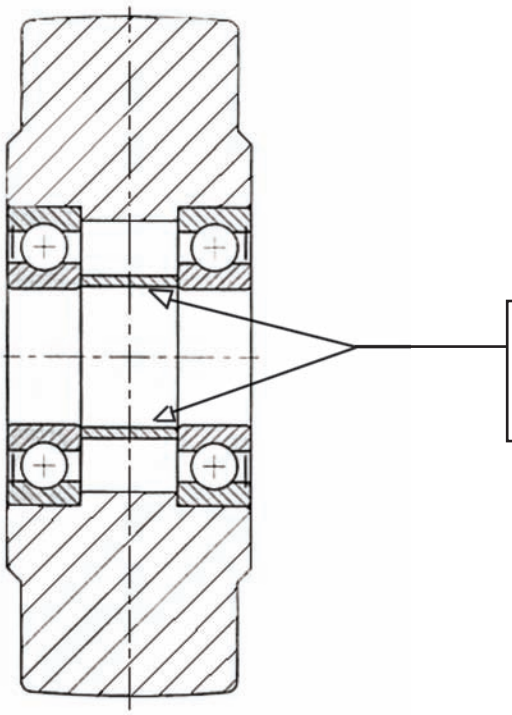
1. Epoxy Powder coating is a metallic finishing process where thermo setting powders (epoxy) are heat bonded to a metal surface.
2. Powder coating is more corrosion resistant than zinc plating.
3. Epoxy powders provide moderate cost, low maintenance and long lasting protection against most chemically aggressive environments.

Nylacron ™ Wheels w/ Precision Sealed Ball Bearings

Nylacron™ MOS2 (NY/MD)
Nylacron™ Heat Stabilized Blue (NY/HSB)
Nylacron™ Monocast (NY/MC)
Now Available: *Nylacron™ Glass Filled (NY/GF)
***Not Shown**



Dual Seal Precision Ball Bearings with Center piece



PRECISION BALL BEARINGS are best used for rollability and moderate side thrust. When larger side thrusts are encountered, double row precision ball bearings can applied in the hub or larger precision bearings can be utilized. The Bearings are pre-lubricated and sealed, thus reducing maintenance costs.

PRECISION BALL BEARING WHEELS ARE MUCH EASIER TO INSTALL THAN TAPERED BEARINGS AND REQUIRE NO MAINTENANCE WHILE IN USE.

They are replacing Roller Bearings and Tapered bearings today in the majority of Vulkollan™, Premium Urethanes, Solid Elastomer, Elastic Rubber, Pneumatic, Nylacron™, Monocast, Steel and Stainless Steel Wheels when less maintenance,less downtime and ease of rollability is sought.

THE BIGGER THE PRECISION BEARING THE GREATER THE BEARING LIFE FOR THE SAME LOAD.

SMALL DIAMETER CASTER WHEELS should have large diameter bearings, similar to pallet wheels for easier rolling under load. Sealed precision bearings are shielded to retain the grease and to exclude grit and dust, etc.

PRECISION BEARING WHEELS ARE MUCH EASIER TO PUSH OR PULL and have very low resistance, even under heavy loads. That is, running conditions are excellent right up to the maximum load limit of the wheels.

AN INNER SPACER BUSHING is used to pre-load the inner races of each bearing and is done on assembly, so further adjustment is not necessary. **END CAPS ARE PROVIDED WITH ALL WHEELS WITH BEARING ID AND AXLE SIZE TO MATCH RIG HUB LENGTH.**

THE WEAR OF THE PRECISION BALL BEARINGS is so slight, that even under continuous use, they do not require replacement.

PRECISION STAINLESS STEEL BALL BEARINGS AVAILABLE IN ALL SIZES NYLACRON™ MD & / MC WHEELS

Heavy Duty Towing Criteria

POWER TOWING CASTERS are designed on the assumption that the power towing will take place at speeds up to 7 kph (4.35 mph) and under good working conditions. Above this call Acorn™.

OBSTRUCTIONS, SUCH AS CURBS AND GULLIES and even relatively small steps, can exert enormous impact loads which can destroy a caster.

STEPS SUCH AS LIFT SILLS, DRAIN COVERS AND JOINTS in concrete slabs present a particular problem if they are not approached squarely. An oblique approach will almost certainly result in the caster turning at right angles to the obstruction instead of turning in such a way as to climb over it. In these situations the destruction of the caster is inevitable.

Towing trailers in train compounds the problem as only one caster may have to withstand the force generated by the mass of the whole train including the tractor.

AS POWER TOWING BECOMES MORE COMMON, it is often desirable to tow a number of trucks or trailers one behind another.

TURNTABLE AXLES have often been used for this purpose, but in addition to being costly, they have two disadvantages:

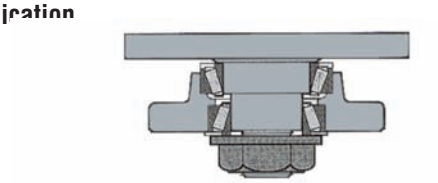
1. **If the turntable is at right angles to the axis of the trucks, the stability is greatly reduced.**
2. **There is a risk of jack-knifing if the trailer stops on a sharp corner.**

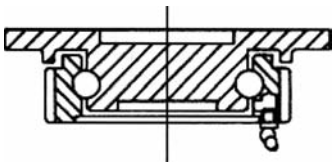
CASTERS ARE BECOMING VERY POPULAR FOR POWER TOWING AND WORK SATISFACTORILY provided suitable precautions are taken. It is essential to obviate “cutting-in” as this would prevent the use of the truck trains in narrow gangways.

Experience has shown that if trucks are rigidly coupled together by means of pin couplings at each end they will follow the track most accurately, if the distance from the rigid caster center line to the rear coupling pin is 25%-33% of the total length of the truck from front to rear coupling pins.

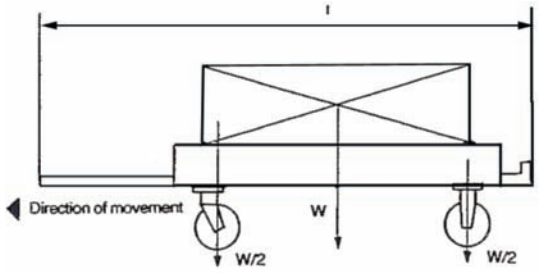
This can be achieved by moving the fixed casters forward as shown in figure (ii) but this incurs a penalty in that it reduces the wheelbase of the truck and also causes the total weight to be shared disproportionally between the swivel and rigid casters. In order to distribute the weight of the truck and its contents evenly between the front and rear rigid casters, it is advisable to extend the drawbar at the rear of the truck as shown in fig (iii)

Specifically designed power towing casters have tapered roller bearings in both the swivel head and the wheel and will operate satisfactorily at speeds up to 7kph (4.35 mph). Vulkollan™ tread wheels are recommended for this application

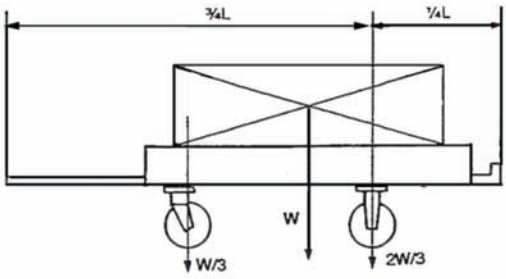




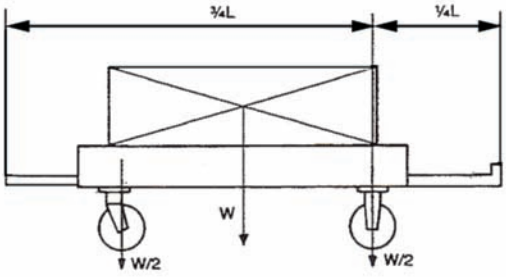
or category 10 kingpinless swivel section



(i) Poor tracking but even distribution of total weight between front swivel and rear fixed casters.



(ii) Good tracking but uneven distribution of total weight between front swivel and rear fixed casters.



(iii) Good tracking and even distribution of load between front swivel and rear fixed casters.

Caster Application Considerations

LOAD WEIGHT

The first consideration of caster selection is to determine the combined weight of the load and equipment. Allowance should be made for uneven distribution of weight, since this can result in one wheel carrying more load than the rest. Mechanical loading can also impose severe shock loading, which adds to the loading factor. Two charts to aid in this selection are: **CASTER MOUNTING COMBINATIONS** and **DETERMINING LOAD RATINGS PER WHEEL.** Please note in the load rating chart for extreme conditions, ratings take into consideration uneven floors, curbs and holes in the floor which cause severe impact loads.

TIPS ON WHEEL SELECTION

In general, the greater the load, the larger the wheel diameter should be for better weight distribution and easier rolling.

- Larger wheels roll easier than small wheels.
- Hard treads roll easier than soft treads.
- Resilient treads roll over rough surfaces more easily than hard treads.
- Larger wheels with larger bearings give longer life and easier rolling.

ELECTRIC CONDUCTIVITY

Insulant materials with a resistivity greater than 10^{15} ohms, such as plastics, build up a charge by friction. The electrostatic charge is discharged through the body when the object is touched. This can be prevented by the use of electrically conductive (anti-static) wheels, which conduct the charge away or prevent it from building up. Electric conductive wheels have a leakage resistance equal to or less than 10^{4} ohms. Electric conductive rubber tires are subject to 100% quality control inspection, each being tested at 500v DC.

FLOOR CONSIDERATIONS

All metal wheels will damage floors if the load is heavy. Resilient wheels are not so easy to move, but are floor protective. Remember, it costs more to repair the floor than the wheel running on it. Make sure the wheels selected are large enough to pass over the cracks in the floor, tracks, dock plates, grates, moldings or other obstructions. In some cases, dual wheels are the best for the application. The larger the wheel and the more resilient the wheel, the greater the ability to move over rails and other similar objects.

RUBBER & URETHANES give maximum quiet and floor protection. Steel is the hardest on floors, thus Nylacron™ is a great compromise - giving moderate floor protection with high weight capacity. For floor protection on linoleum, tile, etc. use cushion neoprene or polyurethane. For carpeted floors, use donut or hi-modulus neoprene or polyurethane.

Other Considerations:

- Noise
- Dirt, chips, threads or other detrimental substances
- Grease, oil, water or chemicals.
- Temperature extremes

TYPE SERVICE

Intermittent: Occasionally moved loads, short travel distances or for dollies used to move materials in storage or warehouse operations.

Continuous: For continuous service, either manually or mechanically powered, a heavier duty caster with anti-friction bearings is necessary.

MECHANICALLY POWERED TRAILER-TYPE

This type operation requires special heavy duty construction with large swivel bearings to withstand the high impact and shocks encountered. Large Precision Ball Bearings should be considered in the swivel for main load bearing and a tapered thrust bearing for side thrusts. Large Precision Ball Bearings are recommended for wheel bearings to take the side thrust loads and higher speeds, as well as being maintenance free.

INSTITUTIONAL

Most institutional application require medium duty casters. In wet applications or for excessive washings, cart washables or stainless steel casters may be required.
A lower cost alternative to stainless steel casters could be epoxy-coated rigs with Nylacron™, Nylon, Solid Elastomer or Kryptonic™ Wheels having Stainless Steel Sealed Precision Ball Bearings.

Starting and Rolling Resistance

STARTING RESISTANCE is the force required to set the wheel in motion from a stationary position.

ROLLING RESISTANCE is the force required to keep the wheel in constant motion. This resistance is dependent upon the load, wheel diameter, tread material, bearing type, caster offset and floor surface and temperature.

SWIVEL RESISTANCE is determined by the swivel bearing sizes, ball diameters and ball race diameters.

HARD WHEELS will not flatten under load, thus better rollability. However, the hard wheel has difficulty starting with particles, holes or obstacles in or on the floor.

RESILIENT WHEELS move more easily over obstruction as they deform and roll over the obstructions. On the other hand a flat area, instead of a line, is in contact with the floor and thus the resistance to rolling is greater.

In general, the larger the wheel, the easier it rolls. Wheels with Precision Ball Bearings carry greater loads and are the easiest to roll. Roller bearing wheels carry heavy loads, but do not roll as easy. When possible, use the largest precision wheel for the best rollability. Any of theses factors have an impact on the mobility and easy handling of the equipment or machine. Listed below is a comparative chart regarding rolling resistance of different type treads

TRACTIVE RESISTANCE is the effort required to either push or pull a cart or truck along in a straight line or to maneuver it in confined spaces.

The following table should be an aid to determine how many people are required to move and control a cart or truck in normal workshop conditions.

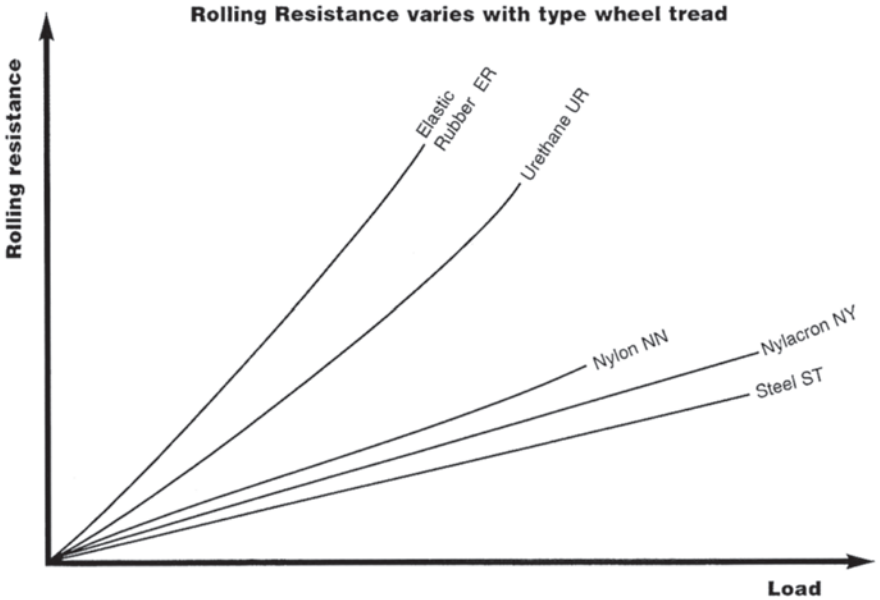
Wheel Type	Tractive Resistance
Steel or Nylacron™	Less than 1%
Urethane	Less than 2%
Elastic Rubber	Less than 3%

The above figures are based on roller bearing wheels 8" diameter. Wheels with proper size precision bearing wheels have lower tractive resistance, since they have better rollability.

Tractive Resistance will vary approximately in inverse proportion to the diameter, down to a minimum of 5".

It should be noted that a typical person is capable of maintaining a horizontal force of 26 lbs increasing to about 40 lbs from a standing start.

Urethane wheels if left standing for a long time, could require at least twice the force to initiate movement and its tractive resistance will increase momentarily up to about seven times the figure given above.

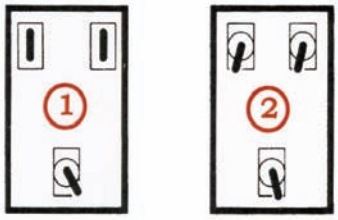
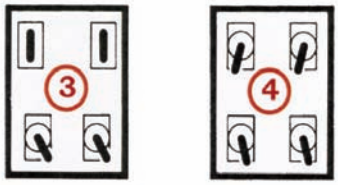
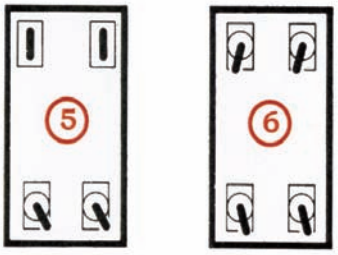
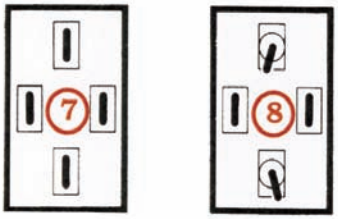


Recommended Load Ratings

The main parameters for determining proper caster loading are rig arrangements and floor conditions. To provide a guide, eight typical truck or cart arrangements are shown below.

IMPORTANT: Each arrangement shows LOAD RATING PER WHEEL EXPRESSED AS A PERCENTAGE OF THE TOTAL VEHICLE WEIGHT PLUS LOAD WEIGHT for both NORMAL and EXTREME floor conditions.

EXAMPLE: 4000# load and pattern (6) under extreme conditions means each caster and wheel must be able to take 45% of the total load or 4000 x 45% = 1800#

		NORMAL USE		EXTREME CONDITIONS	
		35%	35%	45%	45%
		50%		60%	
Short Vehicle		50%	50%	60%	60%
		50%	50%	60%	60%
Long Vehicle		35%	35%	45%	45%
		35%	35%	45%	45%
		35%		45%	
		50%	50%	60%	60%
		35%		45%	

Precision Bearing Wheels are recommended for ease of rollability, less maintenance and less downtime for lowest cost-in-use.

WHEEL SELECTION CRITERIA

Choosing the type of wheel that best suits your application is an important requirement. Each wheel type may have characteristics that make it excellent for one job but unworkable for another. This chart provides general information you may find useful in choosing a wheel. If further guidance is required, please consult the factory.

Other factors to consider in choosing a wheel type include:

- Type of bearings can have a major impact on rollability, durability, maintenance schedules, and capacity.
- Floor conditions: The presence of obstacles, debris, oil and/or chemicals can have a significant impact on the life and performance of a wheel. A general rule is that softer treads are better for obstacle laden floors, floor protection and quiet operation. Harder treads are best for rollability on smooth floors but offer less floor protection and cushioning.
- Maintenance: The expectation that wheels will or will not be properly maintained is another factor in choosing wheels/bearings.
- Manual vs Power Tow: Generally, power tow requires durability and quiet operation, whereas manual operation requires rollability and ease of swiveling.
- Properly matching wheels to specific applications can involve factors too numerous to list completely. Please consult Acorn™ for further information.

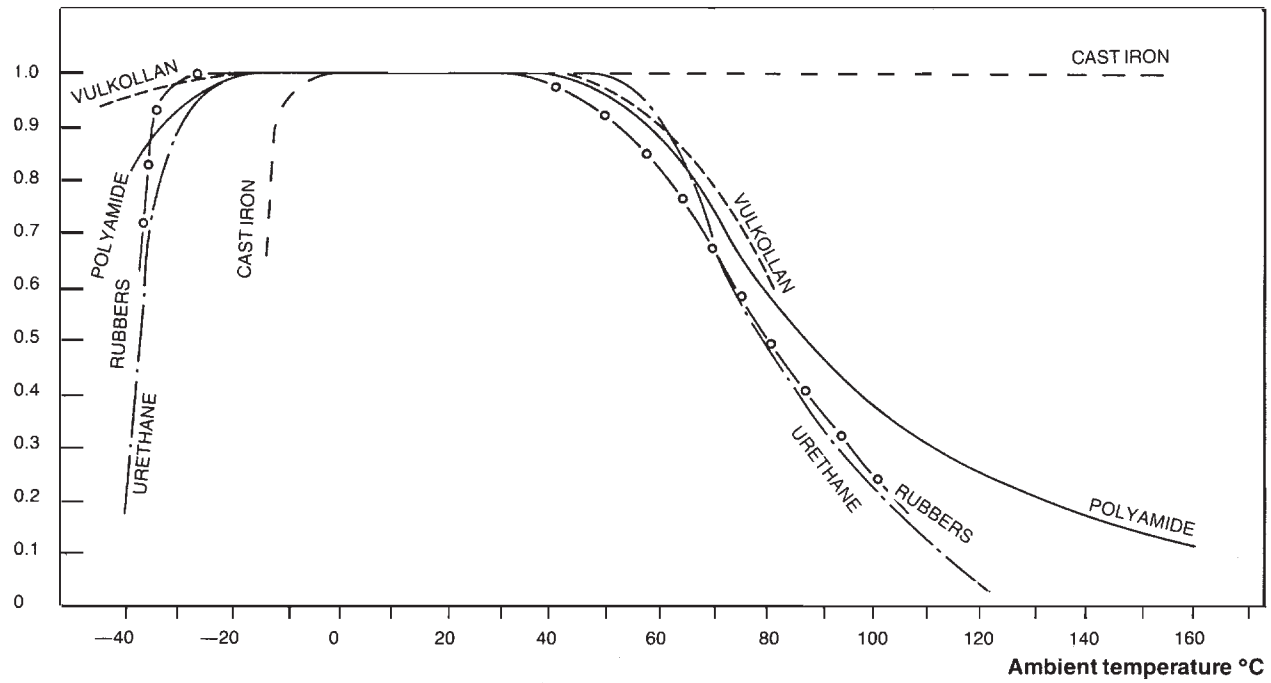
WHEEL SELECTION GUIDE

Wheel Type	Ease of Rolling	Quiet Operation	Floor Protection	Impact Resistance	Abrasion Resistance	Temperature Range ˚F
Urethane on Iron	Good	Good	Excellent	Good	Excellent	0˚ to 180˚
Urethane on Heavy Duty Iron	Fair	Excellent	Excellent	Excellent	Excellent	0˚ to 180˚
Urethane on Forged Steel	Fair	Excellent	Excellent	Excellent	Excellent	0˚ to 180˚
Soft Urethane on Iron	Good	Excellent	Excellent	Excellent	Excellent	0˚ to 180˚
Urethane on Aluminum	Good	Good	Excellent	Good	Excellent	0˚ to 180˚
Rubber on Iron, Standard	Fair	Excellent	Excellent	Good	Fair	-40˚ to 160˚
Rubber on Iron, Extra Hard	Good	Good	Excellent	Good	Fair	-40˚ to 200˚
Rubber on Iron, Neoprene	Fair	Excellent	Excellent	Good	Fair	-40˚ to 200˚
Rubber on Iron, Low Profile	Good	Good	Excellent	Fair	Fair	-40˚ to 160˚
Semi Steel	Excellent	Poor	Poor	Fair	Excellent	-40˚ to 600˚
Forged Steel	Excellent	Poor	Poor	Excellent	Excellent	-40˚ to 600˚
Solid Premium Urethane	Excellent	Fair	Good	Excellent	Excellent	0˚ to 180˚
Phenolic (Texite)	Excellent	Fair	Fair	Good	Good	-40˚ to 260˚
Nylacron™	Excellent	Good	Good	Excellent	Excellent	-40˚ to 400˚

Wheel Selection Correction Criteria

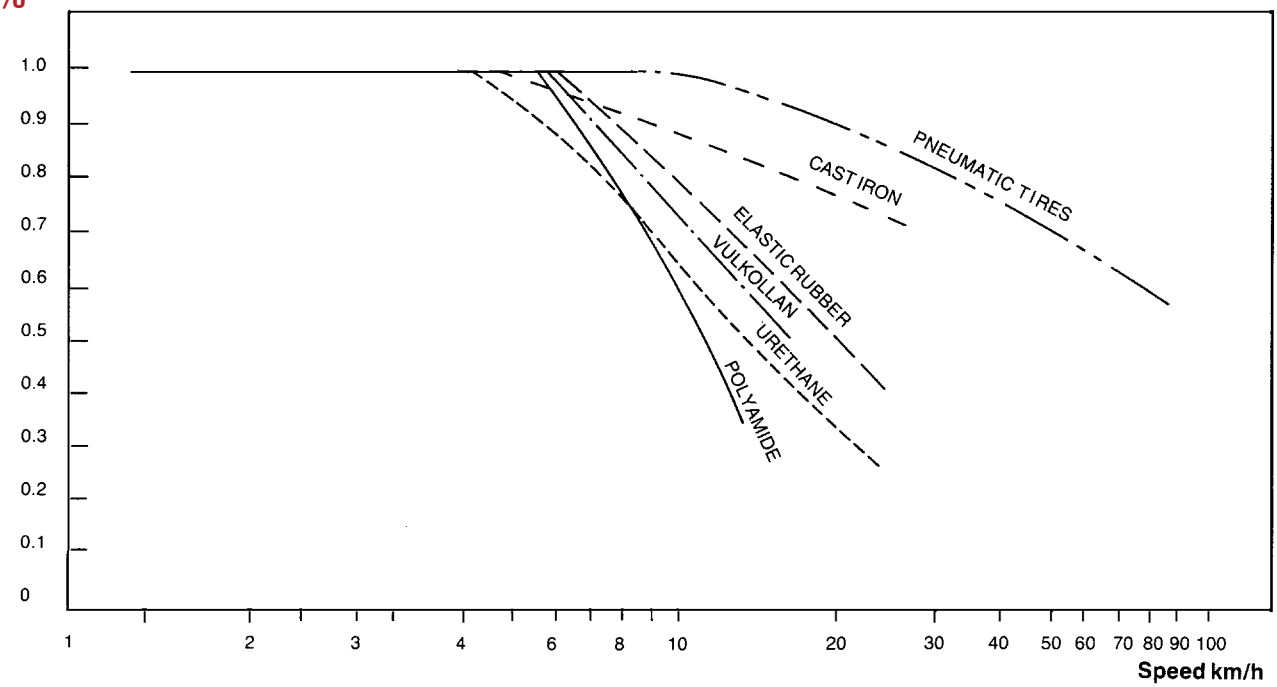
① TEMPERATURE CORRECTION FACTOR (T%) (F deg = 9/5 C + 32)

T%



② SPEED CORRECTION FACTOR (V%) (M.p.h. = 0.6214 x KM/H)

V%



Wheel Selection Correction Criteria

③

OPERATING ENVIRONMENT FACTOR (E%)

E%

Ideal	Normal	Rough	Extreme	
1.1	1.0	0.9	0.8	**Vulkollan™ with cast iron core**
1.05	1.0	0.95	0.85	**Elastic rubber aluminum core**
1.05	1.0	0.9	0.8	**Elastic rubber polyamide core**
1.0	1.0	0.85	0.75	**Polyurethane tread with polyamide core**
1.1	1.0	0.8	0.65	**Nylacron™ wheels**
1.1	1.0	0.85	0.7	**Cast iron wheels**

OPERATING CONDITIONS:

IDEAL:

good, flat floors without holes thresholds or grooves; manually driven to approx. 4 km/h; no differences in height due to loading platforms etc.: careful handling during loading and unloading.

NORMAL:

reasonable good floors with an occasional obstacle that is no higher than 2.5% of the wheel diameter; manual or mechanical propulsion e.g. by means of pulley or chain; wheel tread wider than grooves in the floor, speeds up to 6 km/h, loading and unloading by means of forklift trucks.

ROUGH:

uneven floors with obstacles up to 5% of the wheel: mainly propulsion driven by means of pulleys or chains; frequent use on loading platforms; rough handling.

EXTREME:

all floor types, unequal levels large sharp obstacles (rails, chain grooves); mechanically driven by means of pulleys or chains; moving with the aid of a forklift truck scoop; shock exposure due to loading by means of e.g. cranes or forklift trucks; regular transportation by road or rail; or continuous duty applications.

① ② ③

ADJUSTED WHEEL LOAD CAPACITY = T% x V% x E% x NORMAL LOAD which means wheel load capacity has to be derated accordingly

GUIDELINES FOR SELECTING WHEEL DIAMETERS WITH PRECISION BEARINGS

Total Load Including Cart (lbs)	50 to 250 #	250 to 500 #	500 to 1000 #	1000 to 1500 #	1500 to 2000 #	2000 to 3000 #
Wheel Diameters (in)	3 "- 4"	4" - 6"	5" - 8"	6" - 10"	8" - 12"	10" - 12"

The larger the wheel diameter and wheel bearing, the easier it is to roll under the same load.

ACORN™ CASTER Numbering System

4-71 - NY/MD - P - 08 20 - S + CB

CATEGORY - SERIES

- 4-16
- 4-16M
- 4-71
- 4-71HD
- 4-16K
- 4-16KZT
- 4-71HD
- 4-71KHD/SPR
- 4-16SS
- 4-16PSS
- 4-16KPSS
- 4-16KHD/PSS

BEARINGS

- B = Ball
- P = Precision Ball
- PL = Plain Bore
- R = Roller
- T = Tapered

WHEEL DIA.

- 3"
- 4"
- 5"
- 6"
- 7"
- 8"
- 10"
- 12"
- 14"
- 16"

TREAD WIDTH

- 10 = 1"
- 12 = 1-1/4"
- 15 = 1-1/2"
- 20 = 2"
- 25 = 2-1/2"
- 30 = 3"
- 35 = 3-1/2"
- 40 = 4"
- 45 = 4-1/2"
- 50 = 5"
- 55 = 5-1/2"

STANDARD OPTIONS

- S = Swivel
- R = Rigid
- SL = Swivel Lock
- DL = Directional Lock
- TG = Thread Guard
- TO = Toe Guard
- TL/TE = Total Lock/ Trailing Side
- TL/LE = Total Lock Leading Side
- CB = Cam Brake
- FCB = Face Contact Brake
- WB = Wrap Around Brake
- SSB = Single Side Brake

WHEEL TREAD*

- FS = Forged Steel
- DU = Ductile Iron
- CA = Cast Iron
- NY/MD = Nylacron™ MOS_2 (Black)
- NY/MC = Nylacron™ Monocast (White)
- NY/HSB = Nylacron™ Heat Stabilized (Blue)
- NY/GF = Nylacron™ Glass Filled
- NN = Nylon
- KR = Kryptonic™
- SE = Solid Elastomer
- TM = Phenolic
- LM = Laminated Tread Phenolic
- PB = Polypropylene Black
- VU/CA = Vulkollan™/ Cast Iron Core
- UR8/AL/DT = Urethane 80A/ Aluminum Core/ Donut Tread√
- UR9/AL/DT = Urethane 93A/ Aluminum Core/ Donut Tread√
- UR8/CA/DT = Urethane 80A/ Cast Iron Core/ Donut Tread√
- UR9/CA/DT = Urethane 93A/ Cast Iron Core/ Donut Tread√
- UR7/CA = Urethane Soft Tread 75A Cast Iron Core
- UR9/CA = Urethane Hard Tread 95A Cast Iron Core
- UR7/AL = Urethane Soft Tread 75A Aluminum Core
- UR9/AL = Urethane Hard Tread 95A Aluminum Core
- SWE/8/FT = Swivel-EAZ™ Urethane 80A / Flat Tread
- SWE/9/FT = Swivel-EAZ™ Urethane 95A / Flat Tread
- ERB/AL = Elastic Rubber Blue / Aluminum Core

* Other Wheels, having proper hub length, with Tapered Bearing Roller Bearings, Delrin, Brass, Oilex Bushings, or Standard Ball Bearings can be inserted in these rigs when required.

ACORN™ RIG ONLY Numbering System

4-71 - **YA** - **03** - **08** **20** - **S + CB**

CATEGORY - SERIES

4-16
4-16M
4-71
4-71HD
4-16K
4-16KZT
4-71HD
4-71KHD/SPR
4-16SS
4-16PSS
4-16KPSS
4-16KHD/PSS

RIG ONLY

YA

RIG PARTS

01 = NO AXLE / NUT
03 = 1/2" AXLE / NUT

WHEEL DIA.

3"
4"
5"
6"
7"
8"
10"
12"
14"
16"

TREAD WIDTH

10 = 1"
12 = 1-1/4"
15 = 1-1/2"
20 = 2"
25 = 2-1/2"
30 = 3"
35 = 3-1/2"
40 = 4"
45 = 4-1/2"
50 = 5"
55 = 5-1/2"

STANDARD OPTIONS

S = Swivel
R = Rigid
SL = Swivel Lock
DL = Directional Lock
TL = Total Lock
CB = Cam Brake
FCB = Face Contact Brake
TL/LE = Total Lock Leading Edge
TL/TE = Total Lock Trailing Edge
WB = Wrap Around Brake
SSB = Single Side Brake

ACORN™ WHEEL ONLY Numbering System

NY/MD - **P** - **08** - **20** - **08**

WHEEL TREAD*

FS	= Forged Steel
DU	= Ductile Iron
CA	= Cast Iron
NY/MD	= Nylacron™ MOS_2 (Black)
NY/MC	= Nylacron™ Monocast (White)
NY/HSB	= Nylacron™ Heat Stabilized (Blue)
NY/GF	= Nylacron™ Glass Filled
NN	= Nylon
KR	= Kryptonic™
SE	= Solid Elastomer
TM	= Phenolic
LM	= Laminated Tread Phenolic
PB	= Polypropylene Black
VU/CA	= Vulkollan™/ Cast Iron Core
UR8/AL/DT	= Urethane 80A/ Aluminum Core/ Donut Tread√
UR9/AL/DT	= Urethane 93A/ Aluminum Core/ Donut Tread√
UR8/CA/DT	= Urethane 80A/ Cast Iron Core/ Donut Tread√
UR9/CA/DT	= Urethane 93A/ Cast Iron Core/ Donut Tread√
UR7/CA	= Urethane Soft Tread 75A Cast Iron Core
UR9/CA	= Urethane Hard Tread 95A Cast Iron Core
UR7/AL	= Urethane Soft Tread 75A Aluminum Core
UR9/AL	= Urethane Hard Tread 95A Aluminum Core
SWE/8/FT	= Swivel-EAZ™ Urethane 80A / Flat Tread
SWE/9/FT	= Swivel-EAZ™ Urethane 95A / Flat Tread
ERB/AL	= Elastic Rubber Blue / Aluminum Core

BEARINGS

B = Ball Bearing
R = Roller Bearing
P = Precision Bearing
T = Tapered Bearing
PL= Plain Bore

WHEEL DIA.

3"
4"
5"
6"
7"
8"
10"
12"
14"
16"
18"

TREAD WIDTH

15 = 1-1/2" or 1-5/8"
20 = 2"
25 = 2-1/2"
30 = 3"
35 = 3-1/2"
40 = 4"

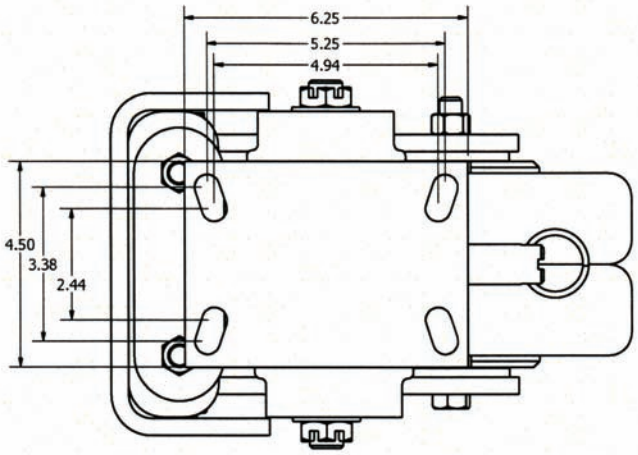
AXLE SIZE

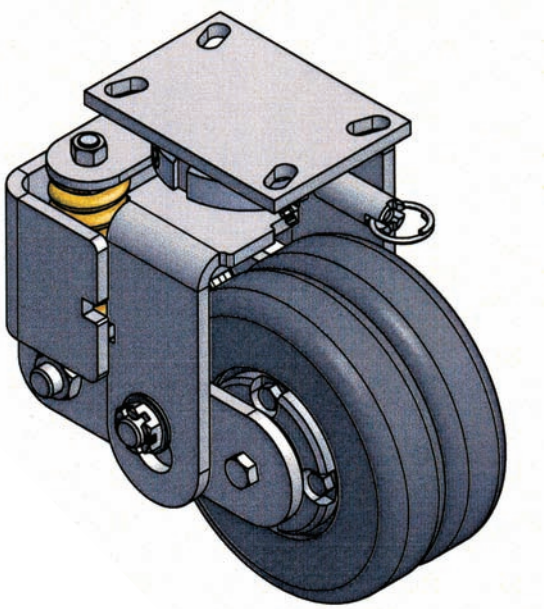
08 = 1/2"
12 = 3/4"
16 = 1"
20 = 1-1/4"
24 = 1- 1/2"

* Other Wheels, having proper hub length, with Tapered Bearing Roller Bearings, Delrin, Brass, Oilex Bushings, or Standard Ball Bearings can be inserted in these rigs when required.

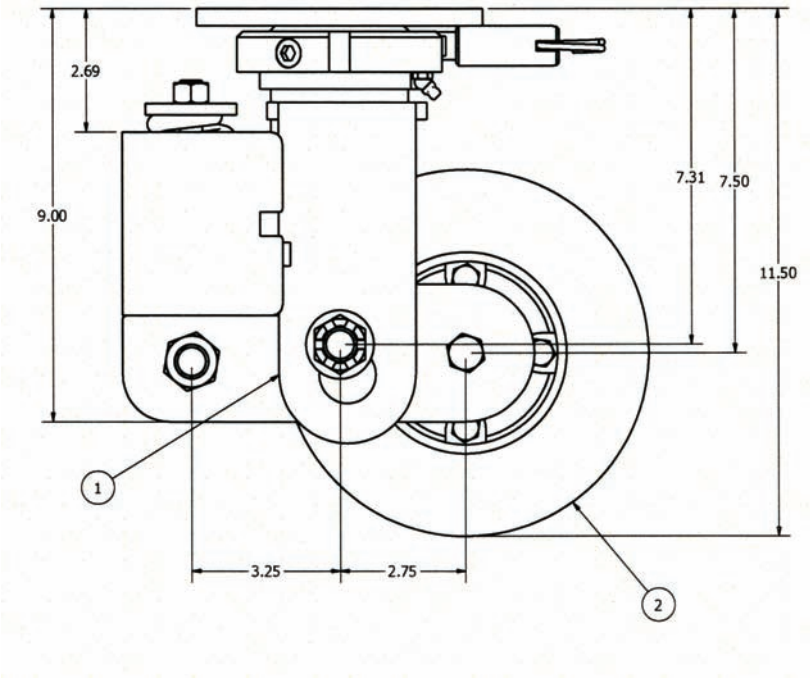
2-D and 3-D Cad Drawings Available From Acorn™

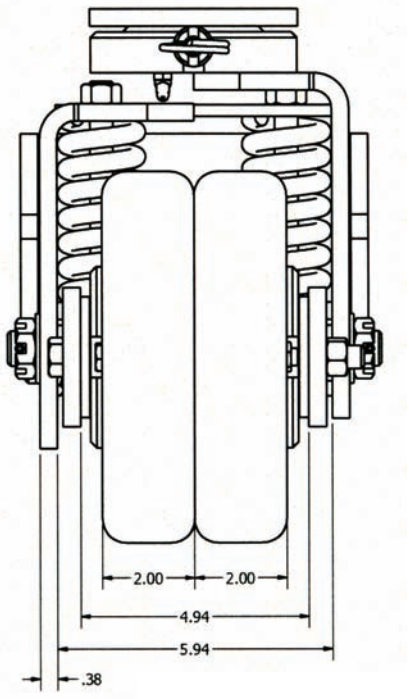
Call toll free **800-523-5474** or e-mail us at **acorn@acornindprod.com** to obtain specific CAD drawings of the casters, wheels or other products that interest you.



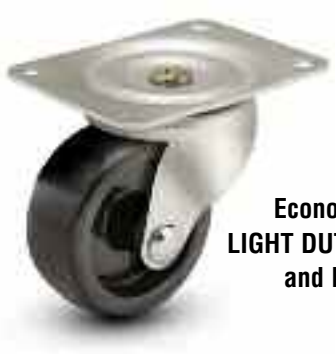


Dual Shock Absorbing Caster with High-Temp Nylacron™ Wheel





Light Duty Caster – INDEX



Universal Economy Caster with LIGHT DUTY PLASTIC WHEEL and Plain Bearings

Swivel Hole Caster with Total Lock Brake, NEOPRENE RUBBER WHEEL and Precision Ball Bearings

Swivel Plate Caster with NEOPRENE RUBBER WHEEL and Precision Ball Bearings

Swivel Stem Caster with Total Lock Brake, NEOPRENE RUBBER WHEEL and Precision Ball Bearings

Series	Caster Type	Page #
01T	Light Duty Casters - Economy	2-3
01MC	Light Duty Casters - Neoprene Rubber	4-5
01MCDW-TPR	Dual Wheel Casters - Thermoplastic Rubber	6
01MCTW-NR	Dual Wheel Casters - Soft Neoprene Rubber	7

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products
www.acornindprod.com

FEATURES

Load Capacity Up to 175 lbs.

- Heavily Embossed: Formed steel top plate and yoke.
- King Pin: Special precision. Engineered for thrust absorption and durability
- Single Ball Bearing: Swivel raceways
- All Wheels: Run directly on 5/16" axle and with nut and can be replaced
- Wheel Bearing: All wheels are furnished with a plain bore or nylon bushing
- Finish: All parts, except wheel, are zinc plated to prevent rust or resist corrosion

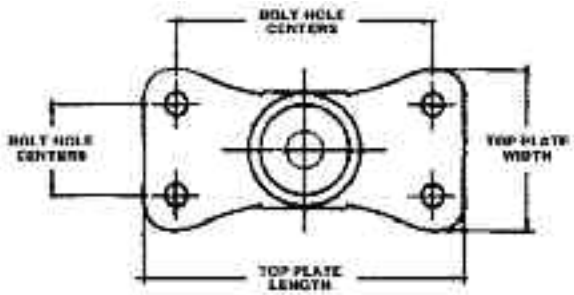
Swivel

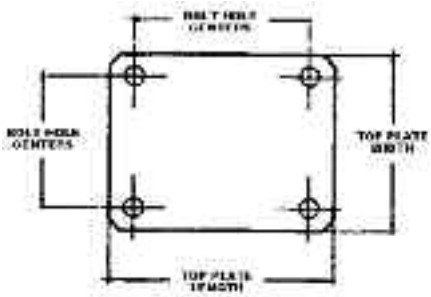
MOUNTING PLATE (SWIVEL / RIGID)

Dia. (in.)	Top Plate D & E (in.)	Bolt Hole F & G (in.)	Bolt Size (in.)
Swivel			
1 1/8	1-3/16 x 1-25/32	25/32 x 1-3/8	3/16
1 1/4	1-3/16 x 2-3/8	1-3/4	3/16
1 1/2	1-1/2 x 2-5/32	1-1/16 x 1-47/64	3/16
2	1-7/8 x 2-9/16	15/16 x 2-1/8	1/4
2 1/2	2-3/4 x 3-7/8	1-3/4 x 3	5/16
3 (01)	3-1/8 x 4-1/8	2-3/8 x 3-3/8 to 3-7/16	5/16
3 (03)	3-1/8 x 4-1/8	1-3/4 x 3 to 2-3/8 x 3-3/8	3/8
4	4 x 5-1/8	3 x 4	3/8
Rigid			
1 1/4	1 x 2-3/8	1-3/4	3/16
1 1/4	1-3/16 x 1-3/4	13/16 x 1-3/4	11/64
1 1/2	1-1/2 x 2-5/32	1-1/16 x 1-47/64	3/16
2	1-1/2 x 2-21/32	15/16 x 2-1/8	1/4
2 1/2	2-1/4 x 4-7/16	1-1/16 x 3-1/2	5/16
3	2-1/2 x 4-15/16	1-3/16 x 4	5/16
4	3-1/8 x 6-1/4	1-3/4 x 5	3/8

Swivel with Wheel Brake

Rigid





CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Bearing Type	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Swivel Part Number Add B, P, PL, R or N*
STEEL (ST) WHEELS WITH PLAIN BEARINGS							
	2	15/16	Plain	125	2 7/16	1 3/4	**01T-ST-PL-0200-S**
	2 1/2	1 1/16	Plain	200	3 1/4	2 3/8	**01T-ST-PL-0212-S**
	3	1 1/4	Plain	250	3 3/4	2 7/16	**01T-ST-PL-0300-S**
	4	1 1/4	Plain	300	5	2 9/32	**01T-ST-PL-0400-S**
ALUMINUM (AL) WHEELS WITH PLAIN BEARINGS							
	2	15/16	Plain	125	2 7/16	1 3/4	**01T-AL-PL-0215-S**
HEAVY DUTY PLASTIC (HP) WHEELS WITH PLAIN BEARINGS							
	3	1 1/4	Plain	250	3 3/4	2 7/16	**01T-HP-PL-0300-S**
	4	1 1/4	Plain	300	5	2 9/32	**01T-HP-PL-0400-S**
LIGHT DUTY PLASTIC (LP) WHEELS WITH PLAIN BEARINGS							
	1 1/8	9/16	Plain	30	1 9/16	7/8	**01T-LP-PL-0118-S**
	1 1/2	23/32	Plain	60	2 3/16	1 5/16	**01T-LP-PL-0112-S**
	2	15/16	Plain	125	2 7/16	1 3/4	**01T-LP-PL-0200-S**
	2 1/2	1 1/16	Plain	175	3 1/4	2 3/8	**01T-LP-PL-0212-S**
	3	1 1/4	Plain	210	3 3/4	2 7/16	**01T-LP-PL-0330-S**
	4	1 1/4	Plain	250	5	2 9/32	**01T-LP-PL-0400-S**
POLYURETHANE (PY) WHEELS WITH PLAIN BEARINGS							
	1 1/4	9/16	Plain	30	1 3/4	1 1/32	**01T-PY-PL-0114-S**
	2	15/16	Plain	90	2 7/16	1 3/4	**01T-PY-PL-0200-S**
	2 1/2	1 1/16	Plain	100	3 1/4	2 3/8	**01T-PY-PL-0212-S**
	3	1 1/4	Plain	140	3 3/4	2 7/16	**01T-PY-PL-0300-S**
	3	1 1/4	Plain	220	3 3/4	2 7/16	**01T-PY-PL-0300-S**
HARD RUBBER (HR) WHEELS WITH NYLON BEARINGS							
	2	15/16	Nylon	125	2 7/16	1 3/4	**01T-HR-N-0200-S**
	2 1/2	1 1/16	Nylon	17	3 1/4	2 3/8	**01T-HR-N-0212-S**
	3	1 1/4	Nylon	250	3 3/4	2 7/16	**01T-HR-N-0300-S**
	4	1 1/4	Nylon	300	5	2 9/32	**01T-HR-N-0400-S**
SOFT RUBBER (SR) WHEELS WITH NYLON BEARINGS							
	2	15/16	Nylon	90	2 7/16	1 3/4	**01T-SR-N-0200-S**
	2 1/2	1 1/16	Nylon	100	3 1/4	2 3/8	**01T-SR-N-0212-S**
	3	1 1/4	Nylon	125	3 3/4	2 7/16	**01T-SR-N-0300-S**
	4	1 1/4	Nylon	200	5	2 9/32	**01T-SR-N-0400-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "N" for Nylon Bearing**

To order a ROGID caster, change the "S" to "R" in the model number. For example: "01T-AL-PL-0200-S" becomes "01T-AL-PL-0200-R.

To order a BRAKE caster, change the "S" to "WB" in the model number. For example: "01T-AL-PL-0200-S" becomes "01T-AL-PL-0200-WB"

Call Acorn™ toll free (800.523.5474) for recommendations on any application.

FEATURES

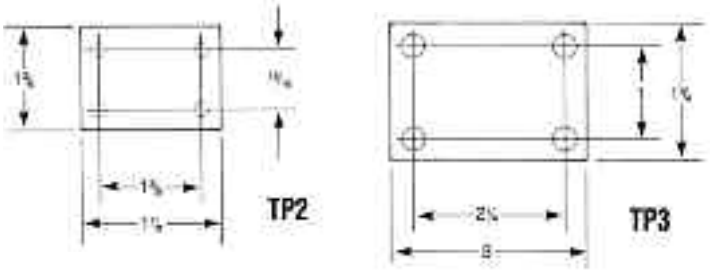
Load Capacity Up to 175 lbs.

- Bright Chrome Finish
- Matching Chrome Thread Guards for wheels
- Non-Marking Soft-Neoprene Rubber wheels
- Dual Ball Swivel Raceways for added strength
- Total Lock Brake models lock both swivel and wheel
- **Precision ball bearings in wheels for easier rollability**
- Upper raceway seal to prevent dirt and dust build-up
- Designed to provide your equipment with a smooth and quiet roll

Plate Caster with SOFT NEOPRENE RUBBER WHEELS and Precision Ball Bearings

TOP PLATES

TP2: 2" diameter caster: 13/16" x 1-1/4" through 1-7/8" slotted
TP3: 3" diameter caster: 13/16" x 1-7/8"



Stem Caster with SOFT NEOPRENE RUBBER WHEELS and Precision Ball Bearings

STEMS

Grip Ring Stem
Specify: **GR01**

Hollow Rivet
Recommended for use with 3/8" diameter fittings

Threaded Stem
Specify: **TS06**

Hole Caster with SOFT NEOPRENE RUBBER WHEELS and Precision Ball Bearings

APPLICATIONS

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

CASTER SPECIFICATIONS

Diameter (in.)	Tread Width (in.)	Wheel Description	Capacity (lb)	Load Height in (mm)	Swivel Radius in (mm)	Wheel Bearing	Part Number
SWIVEL TOP PLATE MODELS							
2	1	Neoprene Rubber	125	2-15/16" (75)	2" (51)	Precision Ball	**01MC-NR-P-0210-S-TP2**
3	1	Neoprene Rubber	175	4-5/32" (105)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-S-TP2**
SWIVEL PLATE TOTAL LOCK MODELS							
2	1	Neoprene Rubber	125	2-15/16" (75)	2" (51)	Precision Ball	**01MC-NR-P-0210-TL-TP2**
3	1	Neoprene Rubber	175	4-5/32" (105)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-TL-TP2**
GRIP RING STEM MODELS							
2	1	Neoprene Rubber	125	2-11/16" (68)	2" (51)	Precision Ball	**01MC-NR-P-0210-S-GR01**
3	1	Neoprene Rubber	175	4" (102)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-S-GR01**
GRIP RING STEM TOTAL LOCK MODELS							
2	1	Neoprene Rubber	125	2-11/16" (68)	2" (51)	Precision Ball	**01MC-NR-P-0210-TL-GR01**
3	1	Neoprene Rubber	175	4" (102)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-TL-GR01**
THREADED STEM MODELS							
3	1	Neoprene Rubber	175	4" (102)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-S-TS06**
THREADED STEM TOTAL LOCK MODELS							
3	1	Neoprene Rubber	175	4" (102)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-TL-TS06**
HOLLOW KINGPIN MODELS							
2	1	Neoprene Rubber	125	2-11/16" (68)	2" (51)	Precision Ball	**01MC-NR-P-0210-S-HK04**
3	1	Neoprene Rubber	175	4" (102)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-S-HK04**
HOLLOW KINGPIN TOTAL LOCK MODELS							
2	1	Neoprene Rubber	125	2-11/16" (68)	2" (51)	Precision Ball	**01MC-NR-P-0210-TL-HK04**
3	1	Neoprene Rubber	175	4" (102)	2-13/16" (71)	Precision Ball	**01MC-NR-P-0310-TL-HK04**

SWIVEL PLATE

SWIVEL PLATE TOTAL LOCK

GRIP RING SWIVEL

GRIP RING TOTAL LOCK

THREADED STEM SWIVEL

THREADED STEM TOTAL LOCK

HOLE TYPE SWIVEL

HOLE TYPE TOTAL LOCK

PRECISION BALL BEARINGS ARE STANDARD IN ALL NEOPRENE WHEELS

01 Dual Wheel Casters – Thermoplastic Rubber

FEATURES

Load Capacity Up to 220 lbs.

- Low profile, easy swiveling and smooth rolling.
- Durable zinc plated finish
- Non-marking TPR rubber tread
- Foot activated total lock brake
- Integrated thread guards
- Dual ball bearing raceway
- **Precision Ball Bearings in wheels for easier rollability**

APPLICATIONS

- Patient Lifts
- Medical Equipment
- Computer Equipment

HOLE SIZE

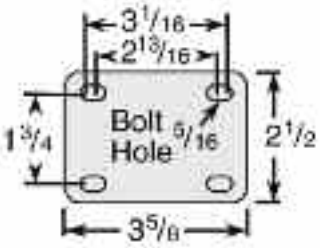
Specify: **H3**

Hole Size: **12.8mm**

Bolt Size: **1/2"**

TOP PLATE

Specify: **TP01**



CASTER SPECIFICATIONS

Diameter (in.)	Tread Width (in.)	Wheel Description	Capacity (lb)	Load Height in (mm)	Swivel Radius in (mm)	Wheel Bearing	Part Number
TOP PLATE SWIVEL MODEL							
3	2	Thermoplastic Rubber	220	4-1/16" (103)	2-23/32 (69)	Precision Ball	**01MCDW-TPR-P-3-S-TP01**
TOP PLATE SWIVEL TOTAL LOCK MODEL							
3	2	Thermoplastic Rubber	220	4-1/16" (103)	3-1/2 (89)	Precision Ball	**01MCDW-TPR-P-3-TL-TP01**
HOLLOW KINGPIN MODEL							
3	2	Thermoplastic Rubber	220	3-15/16" (100)	2-23/32 (69)	Precision Ball	**01MCDW-TPR-P-3-S-H3B**
HOLLOW KINGPIN TOTAL LOCK MODEL							
3	2	Thermoplastic Rubber	220	3-15/16" (100)	3-1/2 (89)	Precision Ball	**01MCDW-TPR-P-3-TL-H3B**

TOP PLATE SWIVEL MODEL

TOP PLATE SWIVEL TOTAL LOCK MODEL

HOLLOW KINGPIN MODEL

HOLLOW KINGPIN TOTAL LOCK MODEL

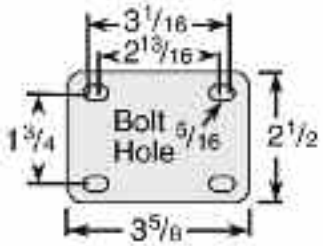
FEATURES

Load Capacity Up to 300 lbs.

- Designed to provide your equipment with a smooth and quiet roll with easy turning and maneuverability.
- Bright Chrome Finish
- Dual wheels maneuver easily
- Matching Chrome Thread Guards for wheels
- Non-Marking Soft-Neoprene Rubber wheels
- Dual Ball Swivel Raceways for added strength
- **Precision ball bearings in wheels for easier rollability**
- Upper dust cap to prevent dirt and dust build-up
- Complete with brake

TOP PLATE

Specify: **TP01**



APPLICATIONS

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

CASTER SPECIFICATIONS

Diameter in (mm)	Tread Width (in.)	Wheel Description	Capacity (lb)	Load Height in (mm)	Swivel Radius in (mm)	Wheel Bearing	Part Number
FREE SWIVEL MODELS							
2	1" (25)	Neoprene Rubber	250	3-3/8" (86)	2-3/8 (60)	Precision Ball	**01MCDW-NR-2-P-S-TP01**
2-1/2	1" (25)	Neoprene Rubber	300	3-7/8 (98)	2-1/2" (63)	Precision Ball	**01MCDW-NR-2.5-P-S-TP01**

Rigid models available, consult Acorn™

ACORN™ IN-PLANT SURVEY

A simple, safe & ergonomic operating practice for any caster application:
Each caster on the equipment should be rated at an amount equal to the total load.

ACORN PRODUCT SURVEY

Equipment Name / Type:_____

_____

_____

Measurements: _____

_____

_____

Maximum Capacity:

Contents + Container Weight = _____lbs

Is Overload Possible? ___ Yes ___ No

Shock Loads? ___ Yes ___ No

Heavier Loads in Future? ___ Yes ___ No

If Yes, _____ lbs

Floor Material: _____

_____

_____

Floor Condition: _____

_____

_____

Operating Environmental Factors: (Noise, Speed, Abuse, Extreme Temperature, Oils, Constant Moisture, Other_____

_____

Movement: ___ Manual Operation ___ Power/Towing Operation

Power: ___ High Speed ___ Side Thrust

CASTER MOUNTING PATTERN

Conventional: _____

Diamond:_____

4-Wheel: _____

6-Wheel: _____

Other: _____

ACCESSORIES / OPTIONS

Swivel Locks (SL): _____

Wheel Brakes (WB): _____

Total Lock Brakes (TL):_____

Floor Locks (FL):_____

Other: _____

TOP PLATE / CASTER CONSTRUCTION

Present Top Plate Size: _____ **x** _____ in / mm

Present Bolt Hole Pattern: _____ **x** _____ in / mm

Slotted To: _____ **x** _____ in / mm

Present Overall Height: _____ in / mm

Present Swivel Radius: _____ in / mm

Rig Construction:

___ Stamped ___ Cold Forged

___ Hot Forged ___ Kingpinless

___ Stainless Steel ___ Welded Legs

Notes: _____

_____

WHEEL OPTIONS

Wheel Diameter:_____

Tread Width: _____

Bearing Type: _____

Other: _____

Acorn Recomendations: _____

_____

_____

_____

Light Duty – INDEX

02

Institutional Casters for Every Application

- Animal Research
- Apparatus
- Food Service
- Healthcare
- Hospitals
- Hotel & Catering Equipment
- Institutional Equipment
- Kitchen Equipment
- Laboratories & Clean Room
- Medical Equipment
- Movable Furniture
- Movable Hi-Tech Products
- Pharmaceutical
- Trolleys & Dollies

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products
www.acornindprod.com

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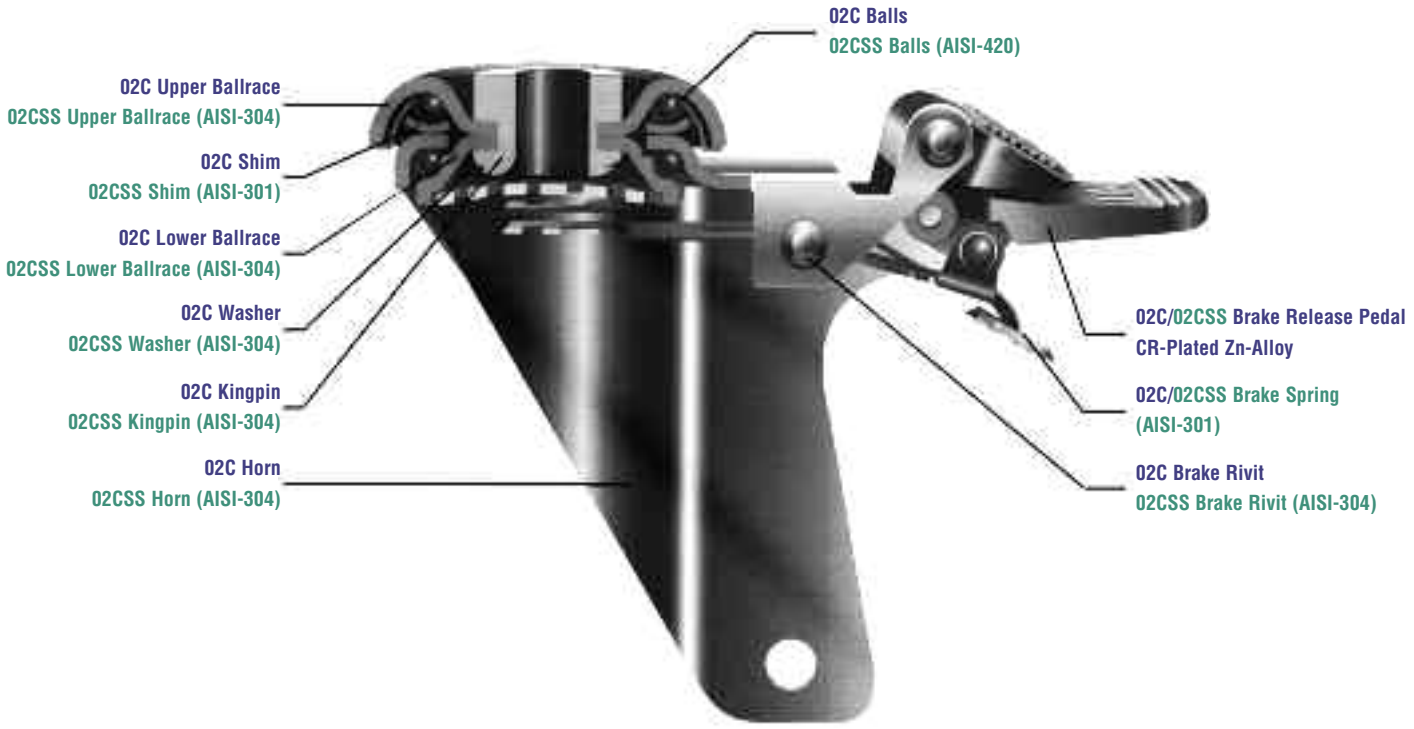
Additional Hospital / Pharmaceutical Casters

See Category 15

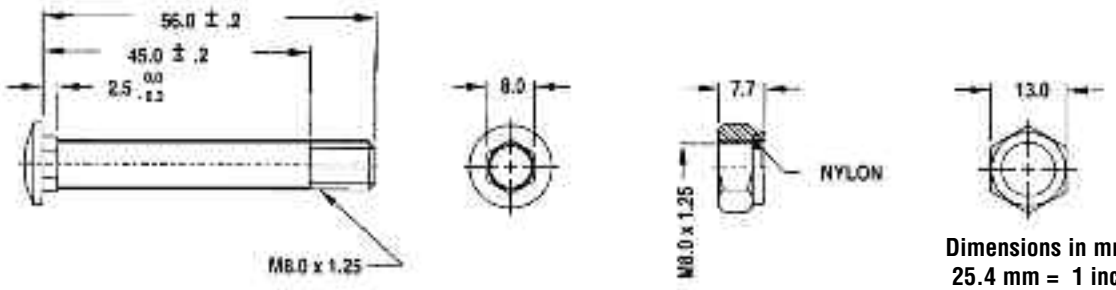
02C / 02CSS Features

02C POLISHED ZINC CHROMATISED pressed steel double ballrace swivel yoke

02CSS POLISHED STAINLESS STEEL pressed steel double ballrace swivel yoke



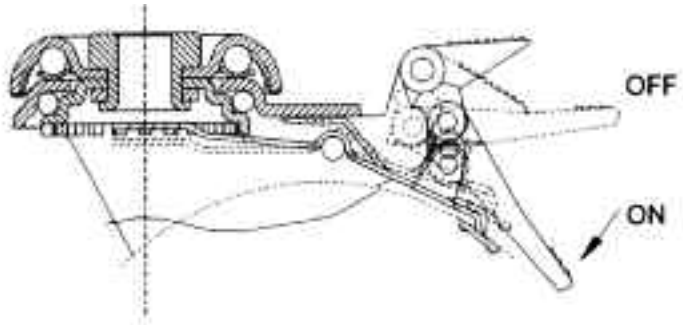
02C AXLE & NUT (STANDARD STEEL) / 02CSS AXLE & NUT (STAINLESS STEEL)



Dimensions in mm.
25.4 mm = 1 inch

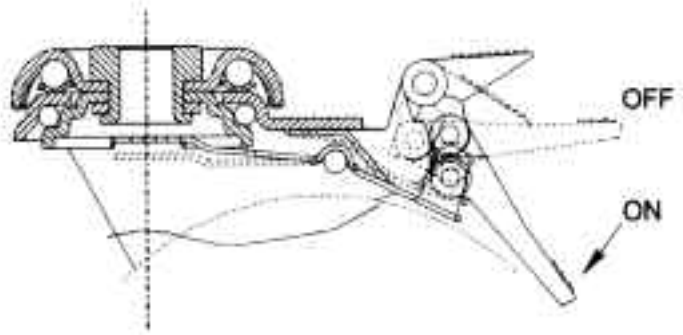
SL/WB: TOTAL LOCKING BRAKE

All 75 mm (3”), 100 mm (4”), 125 mm (5”), 150 mm (6”) casters. Easily engaged total locking operated brake pedal mechanically locks both swivel and wheel rotation.



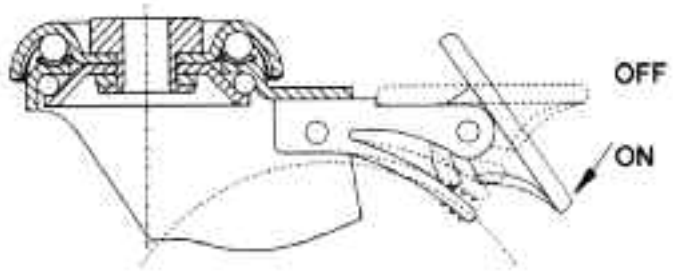
DL: DIRECTIONAL LOCKING BRAKE

All 100 mm (4”), 125 mm (5”), 150 mm (6”) casters. Swivel locked in steering position but wheel remains free, this assures directional stability and straight-line tracking.



WB: WHEEL BRAKE

100 x 32 mm (4” x 1-1/4”) & 125 x 32 mm (5” x 1-1/4”) casters with soft tread (ERN, ERS, and TRB wheels). Wheel locking pedal brake mechanically locks wheel rotation, swivel remains free.



02C Pressed Steel - Polished Chrome

02C FEATURES

Load Capacity **Up to 275 lbs.**

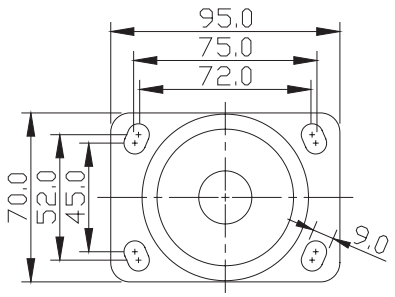
- Chrome, Pressed Steel Housing
- Pressed Steel Double Ball Race with Hardened Main Ball Raceway Shim and Hardened Steel Balls
- Metal Brake Pedal

Swivel Caster with Total Lock

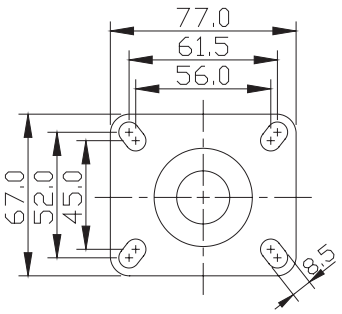
SWIVEL RIG OPTIONS

TLB	Total Lock Brake
STG	Steel Thread Guards
H3	Hole Casters (Swivel, Rigid or Total Lock)

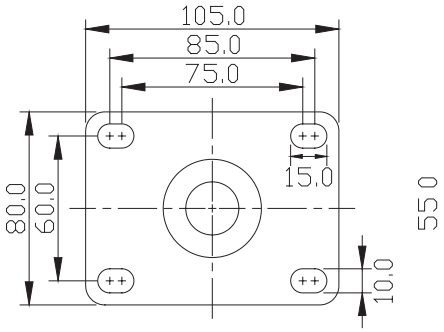
SWIVEL TOP PLATES (Dimensions are in mm. 25.4mm = 1mm)



P1

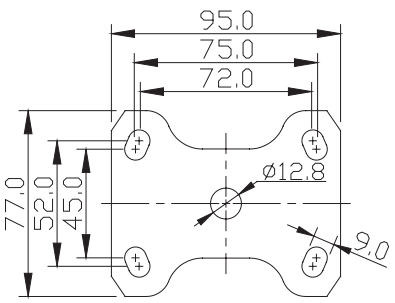


P2

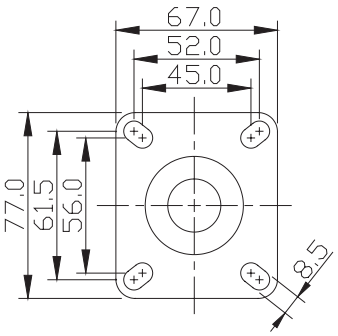


P3

RIGID TOP PLATES (Dimensions are in mm. 25.4mm = 1mm)



P1



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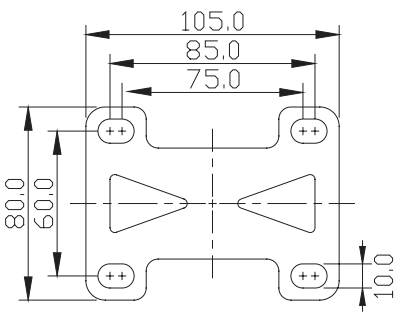


P3

GRIP RING STEM OPTIONS (GR)

Stem Code	Stem Dimensions
GR1	3/4" diameter x 2-3/16" long
GR2	13/16" diameter x 2-3/16" long
GR3	.845" diameter x 2-3/16" long
GR4	.865" diameter x 2-3/16" long
GR5	1" diameter x 2-3/16" long
GR6	.860" square x 2-3/16" long

THREADED STEM OPTIONS (TS)

Stem Code	Stem Dimensions
TS1	1/2" diameter –13 x 3/4" long
TS2	1/2" diameter –13 x 1" long
TS3	1/2" diameter –13 x 1-1/2" long
TS4	1/2" diameter –20 x 3/4" long
TS5	1/2" diameter –20 x 2-1/4" long
TS6	5/8" diameter –11 x 1-1/4" long
TS7	5/8" diameter – 18 x 1-3/4" long
TS8	3/4" diameter – 10 x 1" long

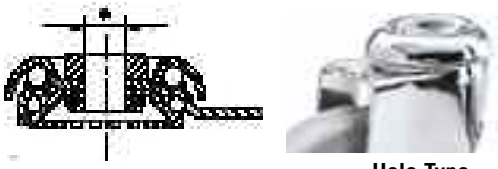
PIPE THREAD STEM OPTIONS (PS)

Stem Code	Stem Dimensions
PS1	1/2" Pipe Thread (3/4" actual stem dia.)
PS2	3/4" Pipe Thread (1" actual stem dia.)
PS3	1" Pipe Thread (1-1/4" actual stem dia.)
PS4	1-1/4" Pipe Thread (1-1/2" actual stem dia.)

EXPANDING ADAPTER STEMS (ES)

Adapter #	Tubing ID	Adapter #	Tubing ID
ES9	3/4"	**ES17B**	1-3/16"
ES11	7/8"	**ES19C**	1-3/8"
ES13	1"	**ES19A**	1-1/2"
ES15	1-1/8"	**ES21**	1-7/8"

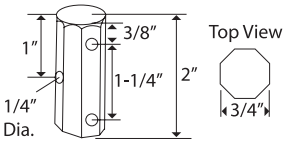
Rubber bushing expands inside of tubing as 3/4" nut beneath lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit. Threaded stem size (less adapter): 1/2" dia. x 2-3/4" long. To order, add adapter number to end of model #.



Hole Type

02C HOLLOW KINGPIN (H3)

Mounting Options: H3
Diameter: 12.8 mm.
Bolt Size: 1/2"



02C OCTAGON STEM (OC)

Standard Octagon Stem Size: OC
3/4" octagon 2" long with 3 cross-drilled mounting holes.

02C Wheels

	Series	Tread Material	Hub Material	Bearings	Durometer
	ERN	Gray Elastic Rubber	Nylon Core	Precision Cone Bearings	80+/-5 Shore A
	ERB	Gray Elastic Rubber	Polyolefin Core	Precision Cone Bearings	80+/-5 Shore A
	ERS	Gray Elastic Rubber	Pressed Steel Core	Precision Cone Bearings	80+/-5 Shore A
	TRB	Gray Thermoplastic Rubber	Polyolefin Core	Precision Ball Bearings	80+/-5 Shore A
	TUN	Gray Thermoplastic Urethane	Nylon Core	Precision Cone Bearings	80+/-5 Shore A
	TUB	Gray Thermoplastic Urethane	Polyolefin Core	Precision Ball Bearings	80+/-5 Shore A
	URN	Thermoplastic Urethane Pevothan®	Nylon Core	Precision Ball Bearings	85+/-5 Shore A
	NN	Nylon Pevolon®	Nylon Pevolon®	Precision Ball Bearings	65+/-5 Shore D
	KR	Kryptonic®	Kryptonic®	Precision Ball Bearings	55+/-5 Shore D
	PW	Polyolefin White	Polyolefin White	Precision Ball Bearings	60+/-5 Shore D
	AN	Advanced Rubber Donut Tread	Polyolefin Gray	Precision Ball Bearings	65+/-5 Shore A

02C Chemical / Temperature Resistance

Items	ERN / ERB	ERS	TRB	TUN / TUB	NN	URN	KR
Short-term temp. range	-40/+180 F	-40/+180 F	-40/+250 F	-40/+250 F	-22/+250 F	-22/+250 F	-22/+250 F
Continuous temp. range	14/+140 F	14/+140 F	-4/+180 F	-4/+180 F	-22/+180 F	-22/+180 F	-22/+180 F
Water & steam resistance to @ 100 F	**R**	**R**	**R**	**R**	**R**	**R**	**R**
Water & soap resistance to @120 F	**LR**	**LR**	**LR**	**LR**	**R**	**R**	**R**
Vegetable & animal fats	**LR**	**LR**	**R**	**R**	**R**	**R**	**R**
Salt water	**R**	**R**	**R**	**R**	**R**	**R**	**R**
Petrol, diesel & fuel oil	**NR**	**NR**	**R**	**R**	**R**	**R**	**R**
Lubricating oil or grease	**NR**	**NR**	**R**	**R**	**R**	**R**	**R**

R Resistant **LR** Limited Resistant **NR** Not Resistant

POLISHED CHROME / POLISHED STAINLESS STEEL

PLATE

STEM

HOLE

RIGID

Additional Wheels Available:

Nylon Fiberglass (NG), Nylacron™ (NY) and Monocast (MC) Wheels

High Temp Phenolic Wheels (TR) and Heateater Wheel (HE)

02C CASTER SPECIFICATIONS (PLATE TYPE*)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (mm.)	Capacity (lbs.)	OAH (mm.)	Swivel Lead (mm.)	Swivel Part Number Add 27, 28, R or 41**
KRYPTONIC™ (KR) WITH PRECISION BALL BEARINGS (28)						
	3	30	130	107	33	**02C-P1*-KR-03028-S**
	4	30	175	135	40.5	**02C-P1*-KR-04028-S**
	5	30	220	161	39	**02C-P1*-KR-05028-S**
THERMOPLASTIC URETHANE (TUN) NYLON CORE OR (TUB) POLYOLEFIN CORE WITH PRECISION BALL BEARINGS (28)						
	3	32	110	107	33	**02C-P1*-TUB-03028-S**
	4	32	175	135	40.5	**02C-P1*-TUN-04028-S**
	5	32	220	161	39.5	**02C-P1*-TUN-05028-S**
	6	32	240	189.5	50	**02C-P1*-TUN-06028-S**
URETHANE TREAD (URN) ON NYLON CORE WITH PRECISION BALL BEARINGS (28)						
	3	25	130	107	33	**02C-P1*-TUN-03028-S**
	4	28	220	135	40.5	**02C-P1*-TUN-04028-S**
	5	28	275	161	39	**02C-P1*-TUN-05028-S**
ELASTIC RUBBER (ERB) ON PRESS STEEL HUB WITH METAL THREAD GARDS AND PRECISION BALL BEARINGS (28)						
	4	32	175	135	40.5	**02C-P1*-ERB-04028-S**
	5	32	220	161	39	**02C-P1*-ERB-05028-S**
	6	32	245	167	45	**02C-P1*-ERB-06028-S**
THERMOPLASTIC RUBBER (TPR) ON POLYOLEFIN CORE WITH PLASTIC THREAD GARDS AND PRECISION BALL BEARINGS (28)						
	3	30	130	107	33	**02C-P1*-TPR-03028-S**
	4	30	175	135	40.5	**02C-P1*-TPR-04028-S**
	5	30	220	161	39	**02C-P1*-TPR-05028-S**
	6	30	245	167	45	**02C-P1*-TPR-06028-S**
ADVANCED GREY RUBBER (AN) ON POLYOLEFIN CORE WITH DONUT TREADS AND PRECISION BALL BEARINGS (28)						
	3	32	130	107	33	**02C-P1*-AN-03028-S**
	4	32	175	135	40.5	**02C-P1*-AN-04028-S**
	5	32	220	161	39	**02C-P1*-AN-05028-S**
	6	32	245	167	45	**02C-P1*-AN-06028-S**
WHITE POLYOLEFIN (PW) SOLID WHITE POLYOLEFIN WITH PLAIN BEARINGS (28)						
	3	32	130	107	33	**02C-P1*-PW-03028-S**
	4	32	175	135	40.5	**02C-P1*-PW-04028-S**
	5	32	220	161	39	**02C-P1*-PW-05028-S**
	6	32	245	167	45	**02C-P1*-PW-06028-S**

****Add "27" for Cone Bearing, "28" for Precision Bearing, "41" for Plain Bearing or "01" for Roller Bearing**
***Add "P1," "P2" or "P3" for Plate Size.**
NOTE: All load ratings are for manual operation.
NOTE: For rigid casters, change "S" to "R" (i.e. 02C-P1-KR-03028-**S** becomes 02C-P1-KR-03028-**R**)
NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02C-P1-KR-03028-**SL** for Swivel Lock)

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02C CASTER SPECIFICATIONS (STEM TYPE*)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (mm.)	Capacity (lbs.)	OAH (mm.)	Swivel Lead (mm.)	Swivel Part Number Add 27, 28, R or 41**
KRYPTONIC™ (KR) WITH PRECISION BALL BEARINGS (28)						
	3	30	130	107	33	**02C-TS1*-KR-03028-S**
	4	30	175	135	40.5	**02C-TS1*-KR-04028-S**
	5	30	220	161	39	**02C-TS1*-KR-05028-S**
THERMOPLASTIC URETHANE (TUN) NYLON CORE OR (TUB) POLYOLEFIN CORE WITH PRECISION BALL BEARINGS (28)						
	3	32	110	107	33	**02C-TS1*-TUB-03028-S**
	4	32	175	135	40.5	**02C-TS1*-TUN-04028-S**
	5	32	220	161	39.5	**02C-TS1*-TUN-05028-S**
	6	32	240	189.5	50	**02C-TS1*-TUN-06028-S**
URETHANE TREAD (URN) ON NYLON CORE WITH PRECISION BALL BEARINGS (28)						
	3	25	130	107	33	**02C-TS1*-TUN-03028-S**
	4	28	220	135	40.5	**02C-TS1*-TUN-04028-S**
	5	28	275	161	39	**02C-TS1*-TUN-05028-S**
ELASTIC RUBBER (ERB) ON PRESS STEEL HUB WITH METAL THREAD GARDS AND PRECISION BALL BEARINGS (28)						
	4	32	175	135	40.5	**02C-TS1*-ERB-04028-S**
	5	32	220	161	39	**02C-TS1*-ERB-05028-S**
	6	32	245	167	45	**02C-TS1*-ERB-06028-S**
THERMOPLASTIC RUBBER (TPR) ON POLYOLEFIN CORE WITH PLASTIC THREAD GARDS AND PRECISION BALL BEARINGS (28)						
	3	30	130	107	33	**02C-TS1*-TPR-03028-S**
	4	30	175	135	40.5	**02C-TS1*-TPR-04028-S**
	5	30	220	161	39	**02C-TS1*-TPR-05028-S**
	6	30	245	167	45	**02C-TS1*-TPR-06028-S**
ADVANCED GREY RUBBER (AN) ON POLYOLEFIN CORE WITH DONUT TREADS AND PRECISION BALL BEARINGS (28)						
	3	32	130	107	33	**02C-TS1*-AN-03028-S**
	4	32	175	135	40.5	**02C-TS1*-AN-04028-S**
	5	32	220	161	39	**02C-TS1*-AN-05028-S**
	6	32	245	167	45	**02C-TS1*-AN-06028-S**
WHITE POLYOLEFIN (PW) SOLID WHITE POLYOLEFIN WITH PLAIN BEARINGS (28)						
	3	32	130	107	33	**02C-TS1*-PW-03028-S**
	4	32	175	135	40.5	**02C-TS1*-PW-04028-S**
	5	32	220	161	39	**02C-TS1*-PW-05028-S**
	6	32	245	167	45	**02C-TS1*-PW-06028-S**

****Add "27" for Cone Bearing, "28" for Precision Bearing, "41" for Plain Bearing or "01" for Roller Bearing**

***Add "P1," "P2" or "P3" for Plate Size.**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02C-P1-KR-03028-**S** becomes 02C-P1-KR-03028-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02C-P1-KR-03028-**SL** for Swivel Lock)

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02C CASTER SPECIFICATIONS (HOLE TYPE H3)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (mm.)	Capacity (lbs.)	OAH (mm.)	Swivel Lead (mm.)	Swivel Part Number Add 27, 28, R or 41**
KRYPTONIC™ (KR) WITH PRECISION BALL BEARINGS (28)						
	3	30	130	107	33	**02C-H3-KR-03028-S**
	4	30	175	135	40.5	**02C-H3-KR-04028-S**
	5	30	220	161	39	**02C-H3-KR-05028-S**
THERMOPLASTIC URETHANE (TUN) NYLON CORE OR (TUB) POLYOLEFIN CORE WITH PRECISION BALL BEARINGS (28)						
	3	32	110	107	33	**02C-H3-TUB-03028-S**
	4	32	175	135	40.5	**02C-H3-TUN-04028-S**
	5	32	220	161	39.5	**02C-H3-TUN-05028-S**
	6	32	240	189.5	50	**02C-H3-TUN-06028-S**
URETHANE TREAD (URN) ON NYLON CORE WITH PRECISION BALL BEARINGS (28)						
	3	25	130	107	33	**02C-H3-TUN-03028-S**
	4	28	220	135	40.5	**02C-H3-TUN-04028-S**
	5	28	275	161	39	**02C-H3-TUN-05028-S**
ELASTIC RUBBER (ERB) ON PRESS STEEL HUB WITH METAL THREAD GARDS AND PRECISION BALL BEARINGS (28)						
	4	32	175	135	40.5	**02C-H3-ERB-04028-S**
	5	32	220	161	39	**02C-H3-ERB-05028-S**
	6	32	245	167	45	**02C-H3-ERB-06028-S**
THERMOPLASTIC RUBBER (TPR) ON POLYOLEFIN CORE WITH PLASTIC THREAD GARDS AND PRECISION BALL BEARINGS (28)						
	3	30	130	107	33	**02C-H3-TPR-03028-S**
	4	30	175	135	40.5	**02C-H3-TPR-04028-S**
	5	30	220	161	39	**02C-H3-TPR-05028-S**
	6	30	245	167	45	**02C-H3-TPR-06028-S**
ADVANCED GREY RUBBER (AN) ON POLYOLEFIN CORE WITH DONUT TREADS AND PRECISION BALL BEARINGS (28)						
	3	32	130	107	33	**02C-H3-AN-03028-S**
	4	32	175	135	40.5	**02C-H3-AN-04028-S**
	5	32	220	161	39	**02C-H3-AN-05028-S**
	6	32	245	167	45	**02C-H3-AN-06028-S**
WHITE POLYOLEFIN (PW) SOLID WHITE POLYOLEFIN WITH PLAIN BEARINGS (28)						
	3	32	130	107	33	**02C-H3-PW-03028-S**
	4	32	175	135	40.5	**02C-H3-PW-04028-S**
	5	32	220	161	39	**02C-H3-PW-05028-S**
	6	32	245	167	45	**02C-H3-PW-06028-S**

****Add "27" for Cone Bearing, "28" for Precision Bearing, "41" for Plain Bearing or "01" for Roller Bearing**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02C-H3-KR-03028-**S** becomes 02C-H3-KR-03028-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02C-H3-KR-03028-**SL** for Swivel Lock)

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02D CONSTRUCTION FEATURES

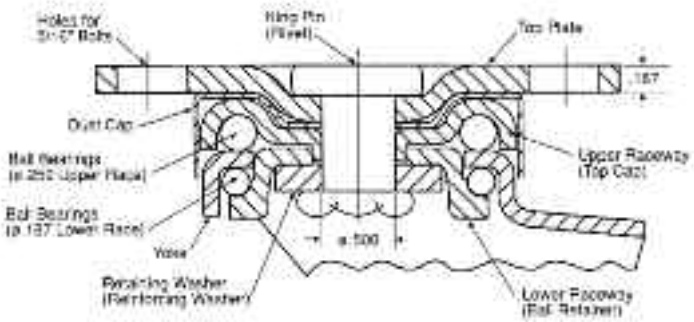
Load Capacity Up to 400 lbs.

- Hardened steel ball bearings tough upper and lower swivel raceway on all four sides.
- All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- Dust Cap Protects the raceway from contamination.
- Rigid Caster utilizes a welded top plate and yoke design instead of a one-piece stamped yoke as used on competitive brands.
- Thread Guards keep unwanted materials out of the wheel bearings thus increasing the life of the Standard on most wheels.
- Wheels: Conductive or Static-Dissipative Wheels Available Gray, Non-Marking Wheels Available
- Powder Coated Finish Available
- **Shock Absorbing Casters Available**

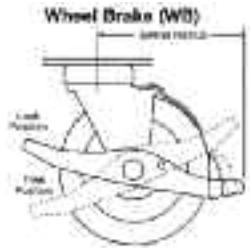
SWIVEL RIG OPTIONS

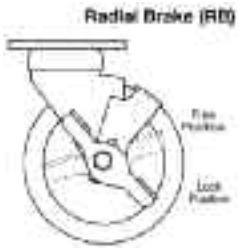
CWGS	Cart Washable Grease Seals
HTW	High Temp Wheels

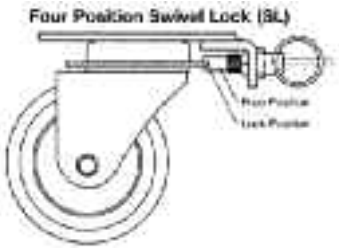
SWIVEL CROSS SECTION



BRAKE OPTIONS

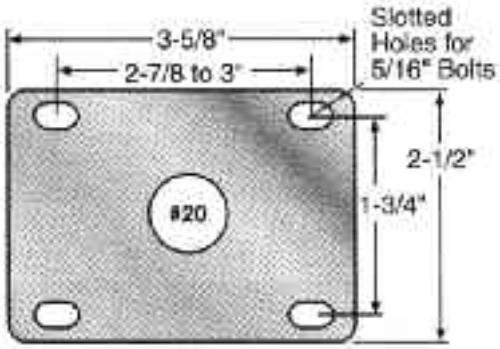






02D MOUNTING PLATE / SWIVEL & RIGID (P)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
Standard	2 1/2" x 3 5/8"	1 3/4" x 2 7/8" slotted to 3"	5/16"



OTHER PLATE AND STEM SIZES AVAILABLE.

STEM OPTIONS

Grip Stem

Dimension D	Dimension L	Stem Number
1/2"	1-1/2"	G60-12-112
5/8"	2"	G60-58-2
3/4"	2"	G60-34-2
7/8"	2"	G60-78-2
1"	2-1/2"	G60-1-212

Other stem sizes and dimensions available
**Special Order/Minimum Quantity*

Threaded Stem

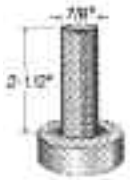
Dimension T	Dimension L	Stem Number
1/2"-13	1-1/2"	L60-1213-112
1/2"-13	2"	L60-1213-2
5/8"-11	2"	L60-5811-2
5/8"-11	2-1/2"	L60-5811-212
3/4"-10	1-1/2"	L60-3410-112
3/4"-10	2"	L60-3410-2
3/4"-10	2-1/2"	L60-3410-212

Other stem sizes and dimensions available
**Special Order/Minimum Quantity*

Expandable Stem

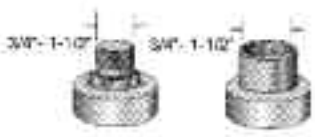
Dimension D	
ROUND	SQUARE
3/4"	3/4"
7/8"	7/8"
1"	1"
1-1/16"	1-1/16"
1-1/8"	1-1/4"
1-1/4"	1-3/8"
1-3/8"	1-1/2"
1-7/16"	1-5/8"
1-1/2"	1-3/4"
1-5/16"	2"
1-3/8"	
1-3/4"	
1-7/8"	
1.9"	

7/8 Round Stem



7/8 Square Stem

Pipe Thread Stem



Floor and Surface Conditions

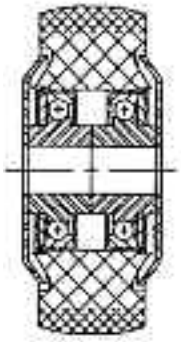
Wheel Composition	Linoleum Vinyl, Comp.	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals, Moisture	Explosion Hazard	Color Code
ENZ Neoprene Rubber / Shore A 60	Yes		Yes	Yes	Yes	Yes		Yes	Yes		Yellow/Pink
KN Neoprene with Nylon / Shore A 90	Yes	Yes	Yes								Yellow/Blue
DN Neoprene Rubber / Shore A 78	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yellow
H Hard Rubber / Shore D 80					Yes**				Yes		Pink
PR Phenolic Resin									Yes		
CI Cast Steel							Yes	Yes	Yes		
ADI Polyurethane / Shore A 92	Yes	Yes	Yes			Yes	Yes	Yes	Yes		
DN-CR* Conductive Neoprene								Yes		Yes	Green
DN-GR Grey Neoprene Rubber	Yes	Yes	Yes	Yes	Yes	Yes			Yes		

*UL Approved

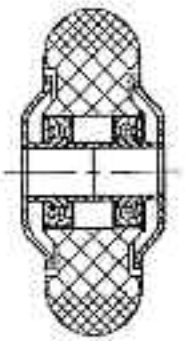
**Less than 2 in. diameter, round tread only

Wheel Design

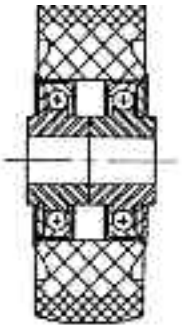
NR - Neoprene
HR - Hard Rubber

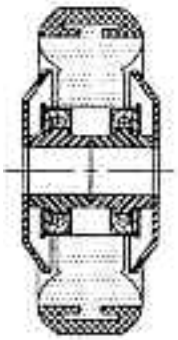


SR - Soft Neoprene

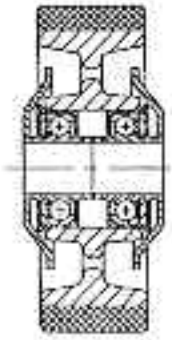


PY - Polyurethane / C.I.core

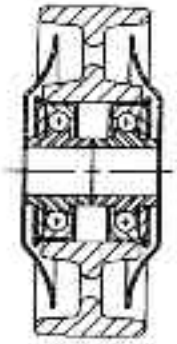




PO - Polyolefin



PY - Polyurethane / PO core



CI - Cast Iron

02D CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Radius (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
CAST IRON (CI) WHEELS WITH PLAIN BEARINGS							
	2-1/2	1-1/4	400	3-3/4	2-3/8	2	**02D-CI-PL-2512-S**
	3	1-1/4	400	4-5/16	2-3/4	3	**02D-CI-PL-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02D-CI-PL-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	4	**02D-CI-PL-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4-1/2	**02D-CI-PL-0512-S**
	6	1-1/4	400	7-3/8	5-1/4	5	**02D-CI-PL-0612-S**
HARD RUBBER (HR) WHEELS WITH BALL BEARINGS							
	2-1/2	1-1/4	400	3-3/4	2-3/8	2	**02D-HR-B-2512-S**
	3	1-1/4	400	4-5/16	2-3/4	3	**02D-HR-B-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02D-HR-B-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	3-1/2	**02D-HR-B-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4	**02D-HR-B-0512-S**
	6	1-1/4	400	7-3/8	5-1/4	5	**02D-HR-B-0612-S**
PHENOLIC (TM) WHEELS WITH ROLLER BEARINGS							
	3	1-1/4	400	4-5/16	2-3/4	3	**02D-TM-R-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02D-TM-R-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	4	**02D-TM-R-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4-1/2	**02D-TM-R-0512-S**
POLYURETHANE / CAST IRON CORE (PY) WHEELS WITH BALL BEARINGS							
	2-1/2	1-1/4	400	3-3/4	2-3/8	2	**02D-PY-B-2512-S**
	3	1-1/4	400	4-5/16	2-3/4	3	**02D-PY-B-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02D-PY-B-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	4	**02D-PY-B-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4-1/2	**02D-PY-B-0512-S**
	6	1-1/4	400	7-3/8	5-1/4	5	**02D-PY-B-0612-S**
ADVANCED ELASTOMER (AE) WHEELS WITH STAINLESS STEEL PRECISION BEARINGS							
	2-1/2	1-1/4	300	3-3/4	2-3/8	2	**02D-AE-P-2512-S**
	3	1-1/4	400	4-5/16	2-3/4	3	**02D-AE-P-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02D-AE-P-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	3-1/2	**02D-AE-P-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4	**02D-AE-P-0512-S**
POLYURETHANE / POLYOLEFIN CORE (PP) WHEELS WITH BALL BEARINGS							
	2-1/2	1-3/8	300	3-3/4	2-3/8	2	**02D-PP-B-2517-S**
	3	1-3/8	300	4-5/16	2-3/4	3	**02D-PP-B-0317-S**
	3-1/2	1-3/8	360	4-3/4	3	3-1/2	**02D-PP-B-3517-S**
	4	1-3/8	400	5-1/4	3-1/4	4	**02D-PP-B-0417-S**
	5	1-3/8	400	6-1/4	4-1/4	5	**02D-PP-B-0517-S**
	6	1-3/8	400	7-3/8	5-1/4	6	**02D-PP-B-0617-S**
HI-CAP NEOPRENE (KN) WHEELS WITH BALL BEARINGS							
	2-1/2	1-1/4	250	3-3/4	2-3/8	2	**02D-KN-B-2512-S**
	3	1-1/4	250	4-5/16	2-3/4	3	**02D-KN-B-0312-S**
	3-1/2	1-1/4	250	4-3/4	3	3	**02D-KN-B-3512-S**
	4	1-1/4	250	5-1/4	3-1/4	3-1/2	**02D-KN-B-0412-S**
	5	1-1/4	250	6-1/4	4-1/4	4	**02D-KN-B-0512-S**
	6	1-1/4	275	7-3/8	5-1/4	5-1/2	**02D-KN-B-0612-S**
POLYOLEFIN (PO) WHEELS WITH BALL BEARINGS							
	2-1/2	1-3/8	225	3-3/4	2-3/8	2	**02D-PO-B-2517-S**
	3	1-3/8	240	4-5/16	2-3/4	3	**02D-PO-B-0317-S**
	3-1/2	1-3/8	250	4-3/4	3	3-1/2	**02D-PO-B-3517-S**
	4	1-3/8	375	5-1/4	3-1/4	4	**02D-PO-B-4017-S**
(Continued on Next Page)	5	1-3/8	400	6-1/4	4-1/4	4-1/2	**02D-PO-B-5017-S**

02D CASTER SPECIFICATIONS (CONTINUED)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Radius (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
NEOPRENE RUBBER (DN) WHEELS WITH BALL BEARINGS							
	2-1/2	1-1/4	200	3-3/4	2-3/8	2	**02D-DN-B-2512-S**
	3	1-1/4	200	4-5/16	2-3/4	3	**02D-DN-B-0312-S**
	3-1/2	1-1/4	200	4-3/4	3	3	**02D-DN-B-3512-S**
	4	1-1/4	200	5-1/4	3-1/4	3-1/2	**02D-DN-B-0412-S**
	5	1-1/4	200	6-1/4	4-1/4	4	**02D-DN-B-0512-S**
	6	1-1/4	200	7-3/8	5-1/4	5-1/2	**02D-DN-B-0612-S**
THERMOPLASTIC RUBBER (TPR) WHEELS WITH BALL BEARINGS							
	2-1/2	1-3/8	200	3-3/4	2-3/8	2	**02D-TPR-B-2517-S**
	3	1-3/8	225	4-5/16	2-3/4	3	**02D-TPR-B-0317-S**
	3-1/2	1-3/8	240	4-3/4	3	3-1/2	**02D-TPR-B-3517-S**
	4	1-3/8	250	5-1/4	3-1/4	4	**02D-TPR-B-0417-S**
	5	1-3/8	275	6-1/4	4-1/4	4-1/2	**02D-TPR-B-0517-S**
	6	1-3/8	300	7-3/8	5-1/4	5	**02D-TPR-B-0617-S**
EXTRA SOFT NEOPRENE RUBBER (XDN) WHEELS WITH BALL BEARINGS							
	3	1-1/4	175	4-5/16	2-3/4	2-1/2	**02D-XDN-B-0312-S**
	4	1-1/4	175	5-1/4	3-1/4	3	**02D-XDN-B-0412-S**
	5	1-1/4	175	6-1/4	4-1/4	3-1/2	**02D-XDN-B-0512-S**
	5-1/2	1-1/2	200	6-7/8	4-3/4	4	**02D-XDN-B-5215-S**
	6	1-1/4	200	7-3/8	5-1/4	4-1/2	**02D-XDN-B-0612-S**
	8	1-9/16	200	9-7/16	6-3/8	6	**02D-XDN-B-0815-S**
EXTRA SOFT THERMOPLASTIC RUBBER (XTPR) WHEELS WITH BALL BEARINGS							
	2-1/2	1-3/8	125	3-3/4	2-3/8	2	**02D-XTPR-B-2517-S**
	3	1-3/8	150	4-5/16	2-3/4	3	**02D-XTPR-B-0317-S**
	3-1/2	1-3/8	160	4-3/4	3	4	**02D-XTPR-B-3517-S**
	4	1-3/8	170	5-1/4	3-1/4	4-1/2	**02D-XTPR-B-0417-S**
	5	1-3/8	180	6-1/4	4-1/4	5	**02D-XTPR-B-0517-S**
	6	1-3/8	190	7-3/8	5-1/4	5-1/2	**02D-XTPR-B-0617-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "D" for Delrin Bearing**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02D-HR-B-0612-**S** becomes 02D-HR-B-0612-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02D-HR-B-0612-**SL** for Swivel Lock)

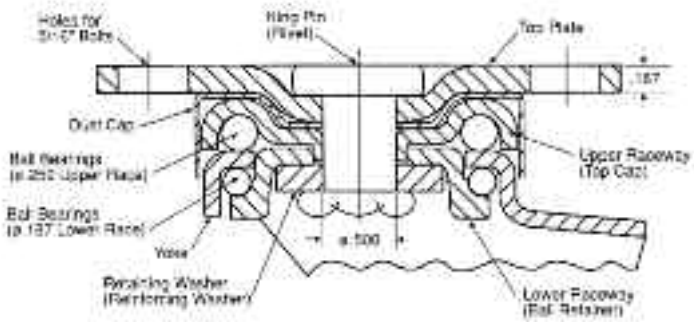
OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02DW Dual Wheel

02DW CONSTRUCTION FEATURES

Load Capacity Up to 400 lbs.

- Hardened steel ball bearings tough upper and lower swivel raceway on all four sides.This protects the king pin from shock loading for free swiveling under heavy loads
- All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged condition and shock loads.
- Dust cap pProtects the raceway from contamination from dust,dirt,moisture and other environmental debris.
- Rigid Caster utilizes a welded top plate and yoke design instead of a one-piece stamped yoke.
- Heavy loads are supported by two wheels that roll independently to assure easy maneuverability under rugged conditions and shock load.
- Gray, Non-Marking wwheels available
  Conductive or Static-Dissipative wheels available
- Powder-Coated Finishes Available

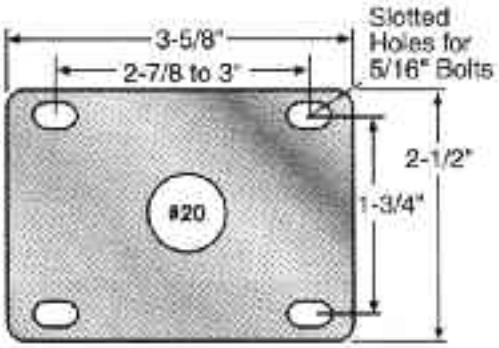


SWIVEL RIG OPTIONS

TSWB Thumb-Style Wheel Brake

MOUNTING PLATE / SWIVEL & RIGID

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
Standard	2 1/2" x 3 5/8"	1 3/4" x 2 7/8" slotted to 3"	5/16"



STEM OPTIONS

Grip Stem

Dimension D	Dimension L	Stem Number
1/2"	1-1/2"	G60-12-112
5/8"	2"	G60-58-2
3/4"	2"	G60-34-2
7/8"	2"	G60-78-2
1"	2-1/2"	G60-1-212

Other stem sizes and dimensions available
Special Order/Minimum Quantity

Threaded Stem

Dimension T	Dimension L	Stem Number
1/2"-13	1-1/2"	L60-1213-112
1/2"-13	2"	L60-1213-2
5/8"-11	2"	L60-5811-2
5/8"-11	2-1/2"	L60-5811-212
3/4"-10	1-1/2"	L60-3410-112
3/4"-10	2"	L60-3410-2
3/4"-10	2-1/2"	L60-3410-212

Other stem sizes and dimensions available
Special Order/Minimum Quantity

02DW CASTER SPECIFICATIONS

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Radius (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
ADVANCED ELASTOMER (AE) WHEELS WITH BALL BEARINGS							
	2	7/8	400	3-1/4	2-1/4	2	**02DW-AE-B-0278-S**
	2-1/2	7/8	400	3-3/4	2-5/8	2-1/2	**02DW-AE-B-2578-S**
POLYOLEFIN (PO) WHEELS WITH BALL BEARINGS							
	2	7/8	400	3-1/4	2-1/4	2	**02DW-PO-B-0278-S**
POLYURETHANE / CAST IRON CORE (PY/CI) WHEELS WITH BALL BEARINGS							
	2	7/8	400	3-1/4	2-1/4	3	**02DW-PY/CI-B-0278-S**
HI-CAP NEOPRENE (KN) WHEELS WITH BALL BEARINGS							
	2	7/8	300	3-1/4	2-1/4	2	**02DW-KN-B-0278-S**
	2-1/2	7/8	350	3-3/4	2-5/8	2-1/2	**02DW-KN-B-2578-S**
HARD RUBBER (HR) WHEELS WITH BALL BEARINGS							
	2	7/8	300	3-1/4	2-1/4	2	**02DW-HR-B-0278-S**
	2-1/2	7/8	330	3-3/4	2-5/8	2-1/2	**02DW-HR-B-2578-S**
NEOPRENE RUBBER (NR) WHEELS WITH BALL BEARINGS							
	2	7/8	250	3-1/4	2-1/4	2	**02DW-NR-B-0278-S**
	2-1/2	7/8	250	3-3/4	2-5/8	2-1/2	**02DW-NR-B-2578-S**
NEOPRENE RUBBER / ROUND TREAD (NR/RT) WHEELS WITH BALL BEARINGS							
	2	7/8	250	3-1/4	2-1/4	2	**02DW-NR/RT-B-0278-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "D" for Delrin Bearing**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02DW-NR-B-0278-**S** becomes 02DW-NR-B-0278-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02DW-NR-B-0278-**SL** for Swivel Lock)

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

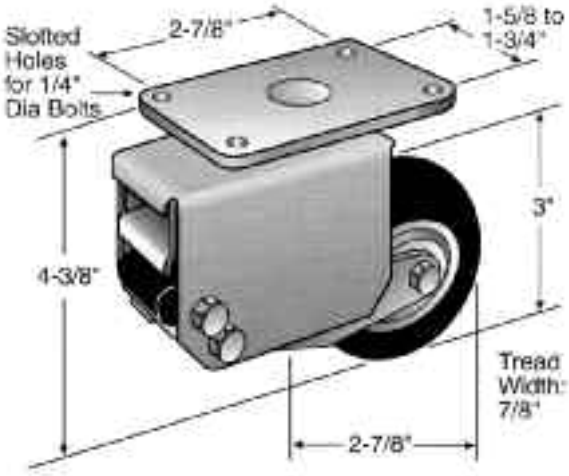
02D/SA Shock Absorbing Caster

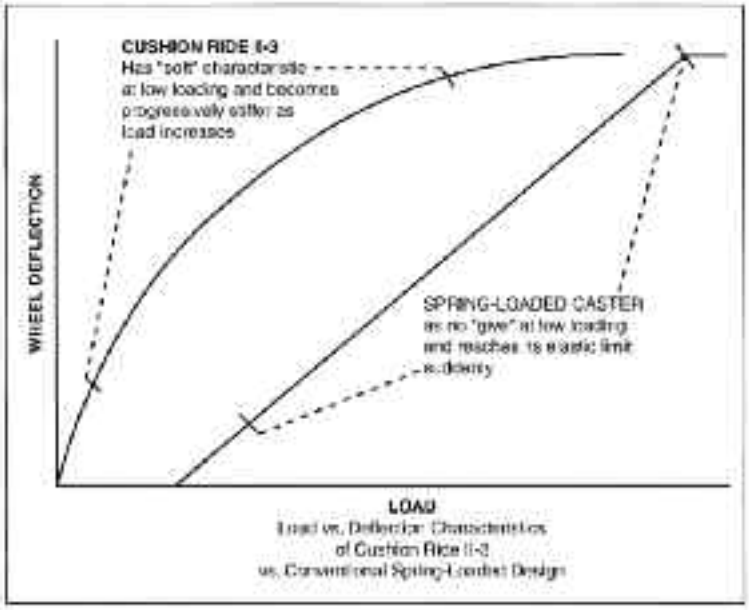
The cushion ride is a shock absorbing caster specifically designed for laboratory & office equipment which requires protection from shock and vibration. The unique design (Non-linear Deflection vs. Load) gives vertical wheel deflection in response to light load and will provide protection against heavier shock loads.

FEATURES

- Computers or other laboratory or office equipment mounted on these casters will easily roll over floor irregularities such as carpet edges, thresholds, etc.
- If the unit is dropped or otherwise subjected to a sudden load, the caster will provide smooth shock absorption. The caster will not suddenly "hit bottom" or abruptly come to the limit of the caster spring system.
- Electronic equipment is characteristically designed to withstand a certain maximum, usually expressed in "g's".
- Cushion Ride II-3 can be modified so as to give the proper protection. Call us Toll Free for further information or quotation.

CUSHION RIDE II-3





CASTER ORDERING # 02D/SA-CR-11-3
Also available with a variety of stems and top plates.
CAPACITY TO 110 LBS.

FEATURES

Load Capacity Up to 325 lbs.

- Finish: zinc plating to resist rust and corrosion
- Design: heavy gauge cold rolled steel, formed for strength
- Dust Cap: all swivel models feature dust cap which protects swivel raceway bearings and improves performance
- Swivel Construction: double ball bearing with hardened raceways
- Axle: 3/8" dia. bolt with lock nut
- King Pin: 1/2" steel rivet, hydraulically upset

Swivel Casters

CASTER OPTIONS

- Bright Nickel Plating: Add "5" to body of model number
- PosiLoc Brake: Add "PL" to end of model number (not available on 2-1/2" wheel models).
- VertiLoc Brake: Add "VL" to end of model number (not available on 2-1/2" wheel models).
- Swivel Lock: Specify "1PSL". Locks caster in trailing position while wheel spins freely.
- Prec. Ball Bearing: Sealed precision ball bearing available for most wheels–consult Acorn™.
- Swivel Grease Seal: Add "GS" to end of model #. Includes zerk grease fitting in dust cap.
- Thread Guards: Add "TG" to model number. Consult Acorn™ for thread guard availability.

Rigid Casters

Cushion / Solid Rubber

Conductive Cushion Solid Rubber

Hard / Solid Rubber

Cushion / Solid Rubber with Decorative Side Plates

Hard / Solid Rubber with Decorative Side Plates

Advantage TPR Round

Advantage TPR Flat

Welded Disc / Polyurethane

Welded Disc / Black Rubber

Welded Disc / Grey Rubber

Polyolefin

Phenolic

PolyLoc / Grey

PolyLoc / Blue

Cast Iron

SWIVEL & RIGID TOP PLATE OPTIONS

Plate	Plate Size	Bolt Hole Spacing	Bolt Size
PLT1	1 2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
PLT2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT3	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16"
PLT4	4" x 4"	3" x 3"	3/8"
PLT5	3-3/4" x 4-1/2"	2-5/8" x 3-5/8 " slotted to 3" x 3"	3/8"
PLT7	3-1/2" x 3-1/2"	2-5/8" x 2-5/8 " slotted to 3" x 3"	9/32"

GRIP RING STEM OPTIONS

Stem Code	Stem Dimensions
GR1	3/4" diameter x 2-3/16" long
GR2	13/16" diameter x 2-3/16" long
GR3	.845" diameter x 2-3/16" long
GR4	.865" diameter x 2-3/16" long
GR5	1" diameter x 2-3/16" long
GR6	.860" square x 2-3/16" long

THREADED STEM OPTIONS

Stem Code	Stem Dimensions
TS1	1/2" diameter –13 x 3/4" long
TS2	1/2" diameter –13 x 1" long
TS3	1/2" diameter –13 x 1-1/2" long
TS4	1/2" diameter –20 x 3/4" long
TS5	1/2" diameter –20 x 2-1/4" long
TS6	5/8" diameter –11 x 1-1/4" long
TS7	5/8" diameter – 18 x 1-3/4" long
TS8	3/4" diameter – 10 x 1" long

PIPE THREAD STEM OPTIONS

Stem Code	Stem Dimensions
PS1	1/2" Pipe Thread (3/4" actual stem dia.)
PS2	3/4" Pipe Thread (1" actual stem dia.)
PS3	1" Pipe Thread (1-1/4" actual stem dia.)
PS4	1-1/4" Pipe Thread (1-1/2" actual stem dia.)

Rubber bushing expands inside of tubing as 3/4" nut beneath lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit. Threaded stem size (less adapter): 1/2" dia. x 2-3/4" long. To order, add adapter number to end of model #.

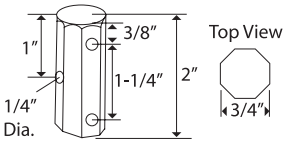
EXPANDING ADAPTER STEMS

Adapter #	Tubing ID	Adapter #	Tubing ID
ES9	3/4"	ES17B	1-3/16"
ES11	7/8"	ES19C	1-3/8"
ES13	1"	ES19A	1-1/2"
ES15	1-1/8"	ES21	1-7/8"

HOLLOW KINGPIN

Mounting Options: HO3

Hollow kingpin casters are designed to accept a 3/8" diameter bolt or other stem type.



OCTAGON STEM

Standard Octagon Stem Size: OC

3/4" octagon 2" long with 3 cross-drilled mounting holes.

Adjustable Height Caster (3-36-521-SATP)

Special caster has adjustable load height of 7 3/4" to 8 1/4". Height adjustment is achieved by turning the stem until the desired height is reached. Stem locks in place with a set screw. Wheel is 3" x 1 1/2" polyolefin with plain bearing.

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT 7	3-1/2" x 3-1/2"	2-5/8" x 2-5/8 " to 3" x 3"	9/32"

To order:

- Add mounting code (Example 3-36-521-SATP PLT 2)

02J CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Radius (in.)	Approx. Wt. (lbs.)	Swivel Part Number ** Add B, P, PL, R or B*
CUSHION / SOLID RUBBER (SR) WHEELS WITH PEDESTAL BEARINGS							
	2-1/2	1-1/4	140	3-5/8	2-3/4	1-11/16	**02J-P2-SR-P-2512-S**
	3	1-1/4	150	4-1/8	3	1-3/4	**02J-P2-SR-P-0312-S**
	3-1/2	1-1/4	160	4-5/8	3-1/4	2	**02J-P2-SR-P-3512-S**
	4	1-1/4	170	5-1/8	3-1/2	2-3/8	**02J-P2-SR-P-0412-S**
	5	1-1/4	200	6-1/4	4	2-3/4	**02J-P2-SR-P-0512-S**
	6	1-1/4	220	7-1/4	4-1/2	3-1/8	**02J-P2-SR-P-0612-S**
CONDUCTIVE CUSHION / SOLID RUBBER (CSR) WHEELS WITH PEDESTAL BEARINGS							
	5	1-1/4	200	6-1/4	4	3	**02J-P2-CSR-P-0512-S**
	6	1-1/4	220	7-1/4	4-1/2	3-3/4	**02J-P2-CSR-P-0612-S**
HARD / SOLID RUBBER (HR) WHEELS WITH PEDESTAL BEARINGS							
	2-1/2	1-1/4	210	3-5/8	2-3/4	1-11/16	**02J-P2-HR-P-2512-S**
	3	1-1/4	220	4-1/8	3	1-3/4	**02J-P2-HR-P-0312-S**
	3-1/2	1-1/4	230	4-5/8	3-1/4	2	**02J-P2-HR-P-3512-S**
	4	1-1/4	250	5-1/8	3-1/2	2-3/8	**02J-P2-HR-P-0412-S**
	5	1-1/4	280	6-1/4	4	2-3/4	**02J-P2-HR-P-0512-S**
	6	1-1/4	300	7-1/4	4-1/2	3-1/8	**02J-P2-HR-P-0612-S**
ADVANTAGE TPR / ROUND (AR) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/2	1-1/4	225	4-5/8	3-1/4	2-3/16	**02J-P2-AR-P-3512-S**
	4	1-1/4	250	5-1/8	3-1/2	2-1-2	**02J-P2-AR-P-0412-S**
	5	1-1/4	250	6-1/4	4	3	**02J-P2-AR-P-0512-S**
	6	1-1/4	300	7-1/4	4-1/2	3-3/4	**02J-P2-AR-P-0612-S**
ADVANTAGE TPR / FLAT (AN) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/2	1-1/4	250	4-5/8	3-1/4	2-3/16	**02J-P2-AN-P-3512-S**
	4	1-1/4	300	5-1/8	3-1/2	2-1-2	**02J-P2-AN-P-0412-S**
	5	1-1/4	325	6-1/4	4	3	**02J-P2-AN-P-0512-S**
HIGH-TEMP GLASS-FILLED NYLON (NG) WHEELS WITH PEDESTAL BEARINGS							
	3-1/2	1-1/4	300	4-5/8	3-1/4	2-3/16	**02J-P2-NG-P-3512-S**
	4	1-1/4	300	5-1/8	3-1/2	2-1-2	**02J-P2-NG-P-0412-S**
	5	1-1/4	300	6-1/4	4	3	**02J-P2-NG-P-0512-S**
HEATEATER (HE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-3/8	300	5-1/16	1-1/2	3-1/2	**02J-P2-HE-P-0413-S**
	5	1-3/8	300	6-1/8	1-1/2	4	**02J-P2-HE-P-0513-S**
	6	1-1/4	300	7-3/16	1-1/2	4-1/2	**02J-P2-HE-P-0612-S**
WELDED DISC / POLYURETHANE BLUE (PW) WHEELS WITH PEDESTAL BEARINGS							
	3-1/2	1-1/4	250	4-5/8	3-1/4	2-3/16	**02J-P2-PW-P-3512-S**
	4	1-1/4	275	5-1/8	3-1/2	2-1-2	**02J-P2-PW-P-0412-S**
	5	1-1/4	300	6-1/4	4	3	**02J-P2-PW-P-0512-S**
	6	1-1/4	300	7-1/4	4-1/2	3-3/4	**02J-P2-PW-P-0612-S**
WELDED DISC / GREY RUBBER (RW) WHEELS WITH PEDESTAL BEARINGS							
	3-1/2	1-1/4	200	4-5/8	3-1/4	2-3/16	**02J-P2-RW-P-3512-S**
	4	1-1/4	200	5-1/8	3-1/2	2-1-2	**02J-P2-RW-P-0412-S**
	5	1-1/4	200	6-1/4	4	3	**02J-P2-RW-P-0412-S**
	6	1-1/4	250	7-1/4	4-1/2	3-3/4	**02J-P2-RW-P-0412-S**
POLYOLEFIN (PO) WHEELS WITH PEDESTAL BEARINGS							
	2-1/2	1-1/4	210	3-5/8	2-3/4	1-11/16	**02J-P2-PO-P-2512-S**
	3	1-1/2	250	4-1/8	3	1-3/4	**02J-P2-PO-P-0312-S**
	3-1/2	1-1/4	250	4-5/8	3-1/4	2-3/16	**02J-P2-PO-P-3512-S**
	4	1-1/4	275	5-1/8	3-1/2	2-1-2	**02J-P2-PO-P-0412-S**
(Continued on Next Page)	5	1-1/4	300	6-1/4	4	3	**02J-P2-PO-P-0512-S**

02J CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Radius (in.)	Approx. Wt. (lbs.)	Swivel Part Number ** Add B, P, PL, R or B*
POLYLOC / GREY (PG) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/2	1-1/4	250	4-5/8	3-1/4	2-3/16	**02J-P2-PG-P-3512-S**
	4	1-1/4	275	5-1/8	3-1/2	2-1-2	**02J-P2-PG-P-0412-S**
	5	1-1/4	300	6-1/4	4	3	**02J-P2-PG-P-0512-S**
	6	1-1/4	300	7-1/4	4-1/2	3-3/4	**02J-P2-PG-P-0612-S**
POLYLOC / BLUE (PB) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/2	1-1/4	250	4-5/8	3-1/4	2-3/16	**02J-P2-PB-P-3512-S**
	4	1-1/4	275	5-1/8	3-1/2	2-1-2	**02J-P2-PB-P-0412-S**
	5	1-1/4	300	6-1/4	4	3	**02J-P2-PB-P-0512-S**
	6	1-1/4	300	7-1/4	4-1/2	3-3/4	**02J-P2-PB-P-0612-S**
CAST IRON (CA) WHEELS WITH PRECISION BALL BEARINGS							
	3	1-1/4	300	4-1/8	3	1-3/4	**02J-P2-CA-P-0312-S**
	3-1/2	1-1/4	300	4-5/8	3-1/4	2-3/16	**02J-P2-CA-P-3512-S**
	4	1-1/4	300	5-1/8	3-1/2	2-1-2	**02J-P2-CA-P-0412-S**
	5	1-1/4	300	6-1/4	4	3	**02J-P2-CA-P-0512-S**

*** Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "D" Delrin Bushing**

All Plate Options should be added after the Series in the Part Number. (i.e. 02J-P2**-SR-D-2512-S for Plate #2)
All Rig Options should be added to the end of the Part Number. (i.e. 02J-P2-SR-D-2512-S**VB** for Vertiloc Brake)
For rigid casters, change "S" to "R" (i.e. 02J-P2-SR-D-2512-**S** becomes 02J-P2-SR-D-2512-**R)**

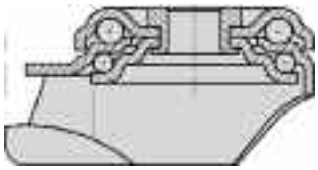
OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02BSS Stainless Steel - Euro Casters

02BSS HOLE CASTER FEATURES

Casters: Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.

Wheels: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing. As standard, ball bearing versions are supplied with synthetic thread guards and bearing sealing.



LKH CROSS SECTION

02BSS LKH HOLE CASTER SPECIFICATIONS

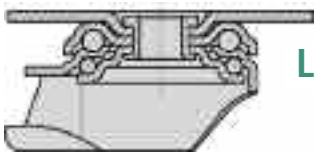
Wheel Type (Wheel Code)	Diameter (mm)	Width (mm)	Capacity (lbs)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole (mm)	Offset Swl (mm)	Part Number
Thermoplastic Rubber	80	32	200	Precision Ball	108	57	13	40	**02BSS-LKH-TPR-P-80/32-S***
Thermoplastic Rubber	100	32	220	Precision Ball	133	57	13	40	**02BSS-LKH-TPR-P-100/32-S***
Thermoplastic Rubber	125	32	240	Precision Ball	158	57	13	40	**02BSS-LKH-TPR-P-125/32-S***

*** Add "S" for Swivel, "R" for Rigid or "TL" for Total Lock**

02BSS LKP PLATE CASTER FEATURES

Casters: Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.

Wheels: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.



LKH CROSS SECTION

02BSS PLATE CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (mm)	Width (mm)	Cap. (lbs)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole Spacing (mm)	Bolt Hole (mm)	Offset Swl (mm)	Part Number
Thermoplastic Rubber	80	32	200	Prec. Ball	111	90x66	75x45/61x51	8.5	40	**02BSS-LKP-TPR-P-80/32-S***
Thermoplastic Rubber	100	32	220	Prec. Ball	136	90x66	75x45/61x51	8.5	40	**02BSS-LKP-TPR-P-100/32-S***
Thermoplastic Rubber	125	32	240	Prec. Ball	161	90x66	75x45/61x51	8.5	40	**02BSS-LKP-TPR-P-125/32-S***

*** Add "S" for Swivel, "R" for Rigid or "TL" for Total Lock**

02CSS Polished Stainless Steel

02CSS FEATURES

Load Capacity Up to 275 lbs.

- Electro Plated Stainless Steel Housing
- Stainless steel double ball raceway with hardened main raceway shim and hardened steel balls
- Steel thread guards available on select wheel types

BRAKE OPTIONS

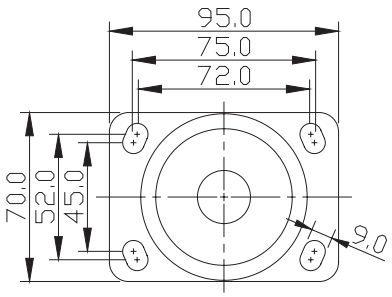
SSTLB	Stainless Steel Total Lock Brake

Stainless Steel

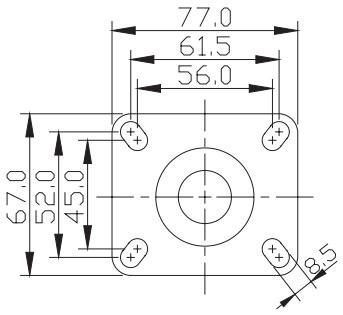
TOP PLATES

P1	US
P2	Euro
P3	US

SWIVEL TOP PLATES (Dimensions are in mm. 25.4mm = 1mm)



P1



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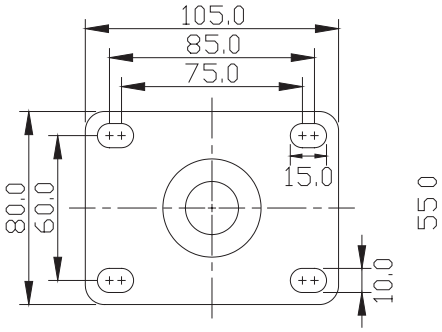
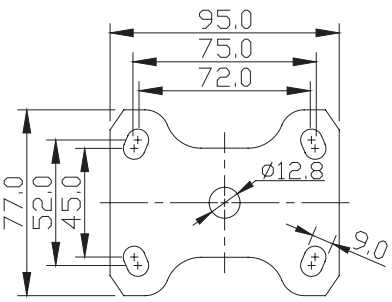


P3

RIGID TOP PLATES (Dimensions are in mm. 25.4mm = 1mm)



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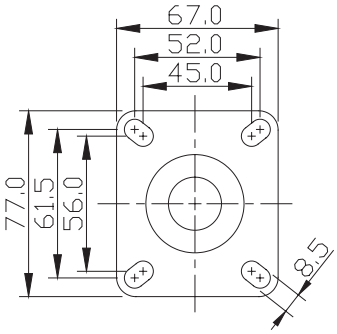

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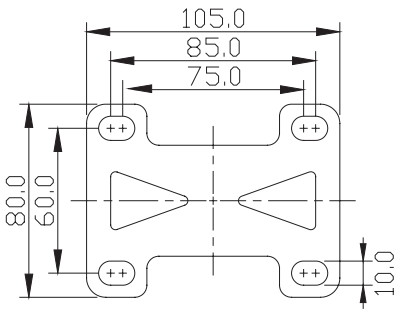


P3

GRIP RING STEM OPTIONS (GR)

Stem Code	Stem Dimensions
GR1	3/4” diameter x 2-3/16” long
GR2	13/16” diameter x 2-3/16” long
GR3	.845” diameter x 2-3/16” long
GR4	.865” diameter x 2-3/16” long
GR5	1” diameter x 2-3/16” long
GR6	.860” square x 2-3/16” long

THREADED STEM OPTIONS (TS)

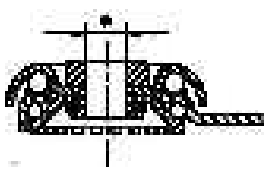
Stem Code	Stem Dimensions
TS1	1/2” diameter –13 x 3/4” long
TS2	1/2” diameter –13 x 1” long
TS3	1/2” diameter –13 x 1-1/2” long
TS4	1/2” diameter –20 x 3/4” long
TS5	1/2” diameter –20 x 2-1/4” long
TS6	5/8” diameter –11 x 1-1/4” long
TS7	5/8” diameter – 18 x 1-3/4” long
TS8	3/4” diameter – 10 x 1” long

OTHER SPECIAL STEMS AVAILABLE, STANDARD OR STAINLESS STEEL.

EXPANDING ADAPTER STEMS (ES)

Adapter #	Tubing ID	Adapter #	Tubing ID
ES9	3/4”	**ES17B**	1-3/16”
ES11	7/8”	**ES19C**	1-3/8”
ES13	1”	**ES19A**	1-1/2”
ES15	1-1/8”	**ES21**	1-7/8”

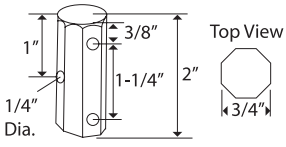
Rubber bushing expands inside of tubing as 3/4” nut beneath lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit. Threaded stem size (less adapter): 1/2” dia. x 2-3/4” long. To order, add adapter number to end of model #.



Hole Type

02CSS HOLLOW KINGPIN (H3)

Mounting Options: H3
Diameter: 12.8 mm.
Bolt Size: 1/2”



02CSS OCTAGON STEM (OC)

Standard Octagon Stem Size: OC
3/4” octagon 2” long with 3 cross-drilled mounting holes.

02CSS CASTER SPECIFICATIONS (PLATE TYPE)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (mm.)	Capacity (lbs.)	OAH (mm.)	Swivel Lead (mm.)	Swivel Part Number **
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	30	130	107	33	**02CSS-P1-KR-P-0330-S**
	4	30	175	135	40.5	**02CSS-P1-KR-P-04030-S**
	5	30	220	161	39	**02CSS-P1-KR-P-05030-S**

THERMOPLASTIC URETHANE / NYLON CORE (TUN) OR POLYOLEFIN CORE (TUB) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	110	107	33	**02CSS-P1-TUN-P-0332-S**
	4	32	175	135	40.5	**02CSS-P1-TUB-P-0432-S**
	5	32	220	161	39.5	**02CSS-P1-TUB-P-0532-S**
	6	32	240	189.5	50	**02CSS-P1-TUB-P-0632-S**

URETHANE TREAD / NYLON CORE (UR/NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	25	130	107	33	**02CSS-P1-UR/NN-P-0325-S**
	4	28	220	135	40.5	**02CSS-P1-UR/NN-P-0428-S**
	5	28	275	161	39	**02CSS-P1-UR/NN-P-0528-S**

ELASTIC RUBBER / PRESSED STEEL HUB (ER/STL) WHEELS WITH METAL THREAD GARDS / STAINLESS STEEL PRECISION BALL BEARINGS						
	4	32	175	135	40.5	**02CSS-P1-ER/STL-P-0432-S**
	5	32	220	161	39	**02CSS-P1-ER/STL-P-0532-S**
	6	32	245	167	45	**02CSS-P1-ER/STL-P-0632-S**

THERMOPLASTIC RUBBER / POLYOLEFIN CORE (TPR) WHEELS WITH PLASTIC THREAD GARDS / STAINLESS STEEL PRECISION BALL BEARINGS						
	3	30	130	107	33	**02CSS-P1-TPR-P-0430-S**
	4	30	175	135	40.5	**02CSS-P1-TPR-P-0430-S**
	5	30	220	161	39	**02CSS-P1-TPR-P-0530-S**
	6	30	245	167	45	**02CSS-P1-TPR-P-0630-S**

ADVANCED GREY RUBBER / POLYOLEFIN CORE / DONUT TREAD (AR/PO/DT) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	130	107	33	**02CSS-P1-AR/PO/DT-P-0432-S**
	4	32	175	135	40.5	**02CSS-P1-AR/PO/DT-P-0432-S**
	5	32	220	161	39	**02CSS-P1-AR/PO/DT-P-0532-S**
	6	32	245	167	45	**02CSS-P1-AR/PO/DT-P-0632-S**

WHITE POLYOLEFIN (PW) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	130	107	33	**02CSS-P1-PW-P-0432-S**
	4	32	175	135	40.5	**02CSS-P1-PW-P-0432-S**
	5	32	220	161	39	**02CSS-P1-PW-P-0532-S**
	6	32	245	167	45	**02CSS-P1-PW-P-0632-S**

**** All Plate Options should be added after the Series in the Part Number**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02CSS-P1-KR-P-03028-**S** becomes 02CSS-P1-KR-P-03028-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02CSS-P1-KR-P-03028-**SL** for Swivel Lock)

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02CSS CASTER SPECIFICATIONS (STEM TYPE)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (mm.)	Capacity (lbs.)	OAH (mm.)	Swivel Lead (mm.)	Swivel Part Number **
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	30	130	107	33	**02CSS-TS1-KR-P-0330-S**
	4	30	175	135	40.5	**02CSS-TS1-KR-P-04030-S**
	5	30	220	161	39	**02CSS-TS1-KR-P-05030-S**
THERMOPLASTIC URETHANE / NYLON CORE (TUN) OR POLYOLEFIN CORE (TUB) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	110	107	33	**02CSS-TS1-TUN-P-0332-S**
	4	32	175	135	40.5	**02CSS-TS1-TUB-P-0432-S**
	5	32	220	161	39.5	**02CSS-TS1-TUB-P-0532-S**
	6	32	240	189.5	50	**02CSS-TS1-TUB-P-0632-S**
URETHANE TREAD / NYLON CORE (UR/NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	25	130	107	33	**02CSS-TS1-UR/NN-P-0325-S**
	4	28	220	135	40.5	**02CSS-TS1-UR/NN-P-0428-S**
	5	28	275	161	39	**02CSS-TS1-UR/NN-P-0528-S**
ELASTIC RUBBER / PRESSED STEEL HUB (ER/STL) WHEELS WITH METAL THREAD GARDS / STAINLESS STEEL PRECISION BALL BEARINGS						
	4	32	175	135	40.5	**02CSS-TS1-ER/STL-P-0432-S**
	5	32	220	161	39	**02CSS-TS1-ER/STL-P-0532-S**
	6	32	245	167	45	**02CSS-TS1-ER/STL-P-0632-S**
THERMOPLASTIC RUBBER / POLYOLEFIN CORE (TPR) WHEELS WITH PLASTIC THREAD GARDS / STAINLESS STEEL PRECISION BALL BEARINGS						
	3	30	130	107	33	**02CSS-TS1-TPR-P-0430-S**
	4	30	175	135	40.5	**02CSS-TS1-TPR-P-0430-S**
	5	30	220	161	39	**02CSS-TS1-TPR-P-0530-S**
	6	30	245	167	45	**02CSS-TS1-TPR-P-0630-S**
ADVANCED GREY RUBBER / POLYOLEFIN CORE / DONUT TREAD (AR/PO/DT) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	130	107	33	**02CSS-TS1-AR/PO/DT-P-0432-S**
	4	32	175	135	40.5	**02CSS-TS1-AR/PO/DT-P-0432-S**
	5	32	220	161	39	**02CSS-TS1-AR/PO/DT-P-0532-S**
	6	32	245	167	45	**02CSS-TS1-AR/PO/DT-P-0632-S**
WHITE POLYOLEFIN (PW) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	130	107	33	**02CSS-TS1-PW-P-0432-S**
	4	32	175	135	40.5	**02CSS-TS1-PW-P-0432-S**
	5	32	220	161	39	**02CSS-TS1-PW-P-0532-S**
	6	32	245	167	45	**02CSS-TS1-PW-P-0632-S**

**** All Plate Options should be added after the Series in the Part Number**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02CSS-TS1-KR-P-03028-**S** becomes 02CSS-TS1-KR-P-03028-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02CSS-TS1-KR-P-03028-**SL** for Swivel Lock)

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02CSS Hole Type H3

02CSS CASTER SPECIFICATIONS (HOLE TYPE H3)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (mm.)	Capacity (lbs.)	OAH (mm.)	Swivel Lead (mm.)	Swivel Part Number **
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	30	130	107	33	**02CSS-H3-KR-P-0330-S**
	4	30	175	135	40.5	**02CSS-H3-KR-P-04030-S**
	5	30	220	161	39	**02CSS-H3-KR-P-05030-S**
THERMOPLASTIC URETHANE / NYLON CORE (TUN) OR POLYOLEFIN CORE (TUB) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	110	107	33	**02CSS-H3-TUN-P-0332-S**
	4	32	175	135	40.5	**02CSS-H3-TUB-P-0432-S**
	5	32	220	161	39.5	**02CSS-H3-TUB-P-0532-S**
	6	32	240	189.5	50	**02CSS-H3-TUB-P-0632-S**
URETHANE TREAD / NYLON CORE (UR/NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	25	130	107	33	**02CSS-H3-UR/NN-P-0325-S**
	4	28	220	135	40.5	**02CSS-H3-UR/NN-P-0428-S**
	5	28	275	161	39	**02CSS-H3-UR/NN-P-0528-S**
ELASTIC RUBBER / PRESSED STEEL HUB (ER/STL) WHEELS WITH METAL THREAD GARDS / STAINLESS STEEL PRECISION BALL BEARINGS						
	4	32	175	135	40.5	**02CSS-H3-ER/STL-P-0432-S**
	5	32	220	161	39	**02CSS-H3-ER/STL-P-0532-S**
	6	32	245	167	45	**02CSS-H3-ER/STL-P-0632-S**
THERMOPLASTIC RUBBER / POLYOLEFIN CORE (TPR) WHEELS WITH PLASTIC THREAD GARDS / STAINLESS STEEL PRECISION BALL BEARINGS						
	3	30	130	107	33	**02CSS-H3-TPR-P-0430-S**
	4	30	175	135	40.5	**02CSS-H3-TPR-P-0430-S**
	5	30	220	161	39	**02CSS-H3-TPR-P-0530-S**
	6	30	245	167	45	**02CSS-H3-TPR-P-0630-S**
ADVANCED GREY RUBBER / POLYOLEFIN CORE / DONUT TREAD (AR/PO/DT) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	130	107	33	**02CSS-H3-AR/PO/DT-P-0432-S**
	4	32	175	135	40.5	**02CSS-H3-AR/PO/DT-P-0432-S**
	5	32	220	161	39	**02CSS-H3-AR/PO/DT-P-0532-S**
	6	32	245	167	45	**02CSS-H3-AR/PO/DT-P-0632-S**
WHITE POLYOLEFIN (PW) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS						
	3	32	130	107	33	**02CSS-H3-PW-P-0432-S**
	4	32	175	135	40.5	**02CSS-H3-PW-P-0432-S**
	5	32	220	161	39	**02CSS-H3-PW-P-0532-S**
	6	32	245	167	45	**02CSS-H3-PW-P-0632-S**

**** All Plate Options should be added after the Series in the Part Number**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02CSS-H3-KR-P-03028-**S** becomes 02CSS-H3-KR-P-03028-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02CSS-H3-KR-P-03028-**SL** for Swivel Lock)

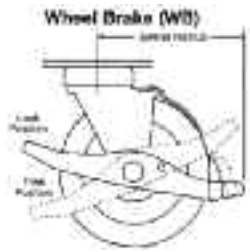
OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

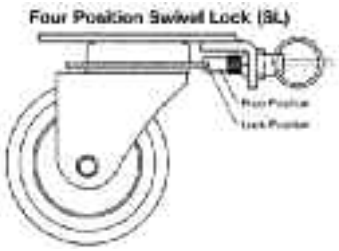
02DSS CONSTRUCTION FEATURES

Load Capacity Up to 400 lbs.

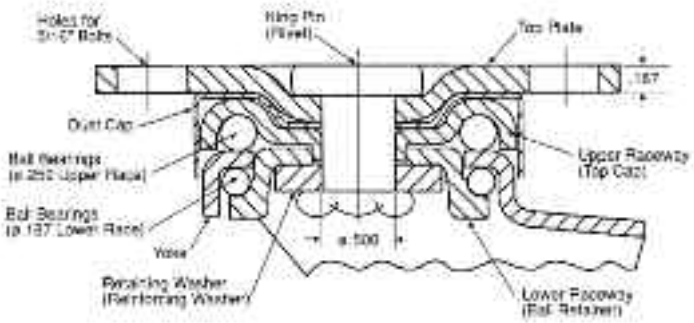
- Non-Magnetic 303/304 Stainless Steel formed for strength
- Double ball bearing raceways for extra strength
- 1/2" stainless steel rivet hydraulically upset
- Dust Cover helps protect the swivel bearings from contamination
- Rigid Caster utilizes a SS welded top plate and SS yoke design, instead of a one-piece stamped yoke
- Axle is 3/8" w/Zerk & Lock Nut – SS

BRAKE OPTIONS





SWIVEL CROSS SECTION



MOUNTING PLATE / SWIVEL & RIGID

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
02DSS	2 1/2" x 3 5/8"	1 3/4" x 2 7/8" slotted to 3"	5/16"

02DSS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Radius (in.)	Approx. Wt. (lbs.)	Swivel Part Number ** Add B, P, PL, R or T*
STAINLESS STEEL (SS) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-1/4	400	3-3/4	2-3/8	2	**02DSS-SS-B-2512-S**
	3	1-1/4	400	4-5/16	2-3/4	2-1/2	**02DSS-SS-B-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02DSS-SS-B-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	3-1/2	**02DSS-SS-B-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4	**02DSS-SS-B-0512-S**
ADVANCED ELASTOMER (AE) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-1/4	300	3-3/4	2-3/8	2	**02DSS-AE-B-2512-S**
	3	1-1/4	400	4-5/16	2-3/4	2-1/2	**02DSS-AE-B-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02DSS-AE-B-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	3-1/2	**02DSS-AE-B-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4	**02DSS-AE-B-0512-S**
HARD RUBBER (HR) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-1/4	400	3-3/4	2-3/8	2	**02DSS-HR-B-2512-S**
	3	1-1/4	400	4-5/16	2-3/4	2-1/2	**02DSS-HR-B-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02DSS-HR-B-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	3-1/2	**02DSS-HR-B-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	4	**02DSS-HR-B-0512-S**
	6	1-1/4	400	7-3/8	5-1/4	4-1/2	**02DSS-HR-B-0612-S**
PHENOLIC (TM) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	3	1-1/4	400	4-5/16	2-3/4	2-1/2	**02DSS-TM-B-0312-S**
	3-1/2	1-1/4	400	4-3/4	3	3	**02DSS-TM-B-3512-S**
	4	1-1/4	400	5-1/4	3-1/4	4	**02DSS-TM-B-0412-S**
	5	1-1/4	400	6-1/4	4-1/4	5	**02DSS-TM-B-0512-S**
POLYURETHANE / POLYOLEFIN CORE (PP) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-3/8	300	3-3/4	2-3/8	2	**02DSS-PP-B-2517-S**
	3	1-3/8	300	4-5/16	2-3/4	3	**02DSS-PP-B-0317-S**
	3-1/2	1-3/8	360	4-3/4	3	3-1/2	**02DSS-PP-B-3517-S**
	4	1-3/8	400	5-1/4	3-1/4	4	**02DSS-PP-B-0417-S**
	5	1-3/8	400	6-1/4	4-1/4	5	**02DSS-PP-B-0517-S**
	6	1-3/8	400	7-3/8	5-1/4	6	**02DSS-PP-B-0617-S**
HI-CAP NEOPRENE (KN) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-1/4	250	3-3/4	2-3/8	2	**02DSS-KN-B-2512-S**
	3	1-1/4	250	4-5/16	2-3/4	2-1/2	**02DSS-KN-B-0312-S**
	3-1/2	1-1/4	250	4-3/4	3	3	**02DSS-KN-B-3512-S**
	4	1-1/4	250	5-1/4	3-1/4	3-1/2	**02DSS-KN-B-0412-S**
	5	1-1/4	250	6-1/4	4-1/4	4	**02DSS-KN-B-0512-S**
	6	1-1/4	275	7-3/8	5-1/4	5	**02DSS-KN-B-0612-S**
POLYOLEFIN (PO) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-3/8	225	3-3/4	2-3/8	2	**02DSS-PO-B-2517-S**
	3	1-3/8	240	4-5/16	2-3/4	3	**02DSS-PO-B-0317-S**
	3-1/2	1-3/8	250	4-3/4	3	3-1/2	**02DSS-PO-B-3517-S**
	4	1-3/8	375	5-1/4	3-1/4	4	**02DSS-PO-B-4017-S**
	5	1-3/8	400	6-1/4	4-1/4	5	**02DSS-PO-B-5017-S**
THERMOPLASTIC RUBBER (TPR) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-3/8	200	3-3/4	2-3/8	2	**02DSS-TPR-B-2517-S**
	3	1-3/8	225	4-5/16	2-3/4	3	**02DSS-TPR-B-0317-S**
	3-1/2	1-3/8	240	4-3/4	3	3-1/2	**02DSS-TPR-B-3517-S**
	4	1-3/8	250	5-1/4	3-1/4	4	**02DSS-TPR-B-0417-S**
	5	1-3/8	275	6-1/4	4-1/4	5	**02DSS-TPR-B-0517-S**
(Continued on Next Page)	6	1-3/8	300	7-3/8	5-1/4	6	**02DSS-TPR-B-0617-S**

02DSS CASTER SPECIFICATIONS (CONTINUED)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Radius (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
EXTRA SOFT NEOPRENE RUBBER (DN) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	3	1-1/4	175	4-5/16	2-3/4	2-1/2	**02DSS-DN-B-0312-S**
	4	1-1/4	175	5-1/4	3-1/4	3	**02DSS-DN-B-0412-S**
	5	1-1/4	175	6-1/4	4-1/4	3-1/2	**02DSS-DN-B-0512-S**
	5-1/2	1-1/2	200	6-7/8	4-3/4	4	**02DSS-DN-B-5215-S**
	6	1-1/4	200	7-3/8	5-1/4	4-1/2	**02DSS-DN-B-0612-S**
NEOPRENE RUBBER (DN) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-1/4	125	3-3/4	2-3/8	2	**02DSS-DN-B-2512-S**
	3	1-1/4	175	4-5/16	2-3/4	2-1/2	**02DSS-DN-B-0312-S**
	3-1/2	1-1/4	200	4-3/4	3	3	**02DSS-DN-B-3512-S**
	4	1-1/4	175	5-1/4	3-1/4	3-1/2	**02DSS-DN-B-0412-S**
	5	1-1/4	175	6-1/4	4-1/4	5	**02DSS-DN-B-0512-S**
	6	1-1/4	200	7-3/8	5-1/4	5	**02DSS-DN-B-0612-S**
EXTRA SOFT THERMOPLASTIC RUBBER (XTPR) WHEELS WITH STAINLESS STEEL BALL BEARINGS							
	2-1/2	1-3/8	125	3-3/4	2-3/8	2	**02DSS-XTPR-B-2517-S**
	3	1-3/8	150	4-5/16	2-3/4	3	**02DSS-XTPR-B-0317-S**
	3-1/2	1-3/8	160	4-3/4	3	3-1/2	**02DSS-XTPR-B-3517-S**
	4	1-3/8	170	5-1/4	3-1/4	4	**02DSS-XTPR-B-0417-S**
	5	1-3/8	180	6-1/4	4-1/4	4-1/2	**02DSS-XTPR-B-0517-S**
	6	1-3/8	190	7-3/8	5-1/4	5-1/2	**02DSS-XTPR-B-0617-S**

*** Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "D" Delrin Bushing**

All Plate Options should be added after the Series in the Part Number. (i.e. 02J-P2**-SR-D-2512-S for Plate #2)
All Rig Options should be added to the end of the Part Number. (i.e. 02J-P1-SR-D-2512-S**VB** for Vertiloc Brake)
For rigid casters, change "S" to "R" (i.e. 02J-P1-SR-D-2512-**S** becomes 02J-P1-SR-D-2512-**R)**

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

02JSS Stainless Steel

02JSS HOLE CASTER FEATURES

Load Capacity Up to 300 lbs.

- Double ball bearing raceways for extra strength
- 1/2" Stainless steel rivet hydraulically upset
- Dust Cover helps protect the swivel bearings from contamination
- Rigid Caster utilizes a SS welded top plate and SS yoke design instead of a one-piece stamped yoke
- Stainless steel construction formed for strength
- Stainless Steel Axle – 3/8" dia. axle bolt & lock nut

SWIVEL

RIGID

ROUND STEM

THREADED STEM APPLICATOR

02JSS CASTER OPTIONS

PB/SS	Posi-loc brake - PB/SS (swl only)
VB/SS	Vertilok brake - (swl only)
SL1	One Position Swivel Lock Available on plate casters only
GS/SSZ	Grease Seals w/ Zerks - (swl only)
SL/WB	One Position Swivel Lock

SS VERTILOK BRAKE VB/SS

SS POSI-LOC BRAKE PB/SS

GREASE SEALS W/ SS ZERK GS/SSZ

SWIVEL & RIGID TOP PLATE OPTIONS

Plate	Plate Size	Bolt Hole Spacing	Bolt Size
PLT1	1 2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
PLT2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT3	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16"
PLT4	4" x 4"	3" x 3"	3/8"
PLT5	3-3/4" x 4-1/2"	2-5/8" x 3-5/8 " slotted to 3" x 3"	3/8"
PLT7	3-1/2" x 3-1/2"	2-5/8" x 2-5/8 " slotted to 3" x 3"	9/32"

GRIP RING STEM OPTIONS

Stem Code	Stem Dimensions
GR1	3/4" diameter x 2-3/16" long
GR2	13/16" diameter x 2-3/16" long
GR3	.845" diameter x 2-3/16" long
GR4	.865" diameter x 2-3/16" long
GR5	1" diameter x 2-3/16" long
GR6	.860" square x 2-3/16" long

THREADED STEM OPTIONS

Stem Code	Stem Dimensions
TS1	1/2" diameter –13 x 3/4" long
TS2	1/2" diameter –13 x 1" long
TS3	1/2" diameter –13 x 1-1/2" long
TS4	1/2" diameter –20 x 3/4" long
TS5	1/2" diameter –20 x 2-1/4" long
TS6	5/8" diameter –11 x 1-1/4" long
TS7	5/8" diameter – 18 x 1-3/4" long
TS8	3/4" diameter – 10 x 1" long

PIPE THREAD STEM OPTIONS

Stem Code	Stem Dimensions
PS1	1/2" Pipe Thread (3/4" actual stem dia.)
PS2	3/4" Pipe Thread (1" actual stem dia.)
PS3	1" Pipe Thread (1-1/4" actual stem dia.)
PS4	1-1/4" Pipe Thread (1-1/2" actual stem dia.)

Rubber bushing expands inside of tubing as 3/4" nut beneath lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit. Threaded stem size (less adapter): 1/2" dia. x 2-3/4" long. To order, add adapter number to end of model #.

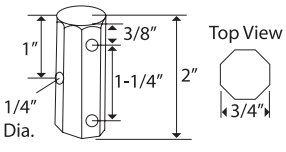
EXPANDING ADAPTER STEMS

Adapter #	Tubing ID	Adapter #	Tubing ID
ES9	3/4"	ES17B	1-3/16"
ES11	7/8"	ES19C	1-3/8"
ES13	1"	ES19A	1-1/2"
ES15	1-1/8"	ES21	1-7/8"

HOLLOW KINGPIN

Mounting Options: HO3

Hollow kingpin casters are designed to accept a 3/8" diameter bolt or other stem type.



OCTAGON STEM

Standard Octagon Stem Size: OC

3/4" octagon 2" long with 3 cross-drilled mounting holes.

02JSS PLATE CASTER SPECIFICATIONS FOR TOP PLATE SIZE 2 (TLP2)

Wheel Type **(Wheel Code)**	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl. Hub (in.)	Swivel Radius (in.)	Swivel Part Number Add B, P, PL, R or T**
THERMOPLASTIC RUBBER / PO CORE (TPR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-1/4	200	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-TPR-0412-S**
	5	1-1/4	220	6-1/8	1-1/2	4	**02JSS-TLP2*-P-TPR-0512-S**
	6	1-1/4	240	7-3/16	1-1/2	4-1/2	**02JSS-TLP2*-P-TPR-0612-S**
URETHANE / NYLON CORE (URN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-1/4	220	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-URN-0412-S**
	5	1-1/4	275	6-1/8	1-1/2	4	**02JSS-TLP2*-P-URN-0512-S**
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-1/4	300	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-KR-0412-S**
	5	1-1/4	300	6-1/8	1-1/2	4	**02JSS-TLP2*-P-KR-0512-S**
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-1/4	300	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-SE-0412-S**
	5	1-1/4	300	6-1/8	1-1/2	4	**02JSS-TLP2*-P-SE-0512-S**
	6	1-1/4	300	7-3/16	1-1/2	4-1/2	**02JSS-TLP2*-P-SE-0612-S**
TEXTITE (TR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-1/4	300	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-TR-0412-S**
	5	1-1/4	300	6-1/8	1-1/2	4	**02JSS-TLP2*-P-TR-0512-S**
	6	1-1/4	300	7-3/16	1-1/2	4-1/2	**02JSS-TLP2*-P-TR-0612-S**
NYLON (NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-3/8	300	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-NN-0413-S**
	5	1-3/8	300	6-1/8	1-1/2	4	**02JSS-TLP2*-P-NN-0513-S**
	6	1-1/4	300	7-3/16	1-1/2	4-1/2	**02JSS-TLP2*-P-NN-0612-S**
NYLACRON™ MD (NY/MD) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-3/8	300	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-NY/MD-0413-S**
	5	1-3/8	300	6-1/8	1-1/2	4	**02JSS-TLP2*-P-NY/MD-0513-S**
	6	1-1/4	300	7-3/16	1-1/2	4-1/2	**02JSS-TLP2*-P-NY/MD-0612-S**
HEATEATER (HE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	1-3/8	300	5-1/16	1-1/2	3-1/2	**02JSS-TLP2*-P-HE-0413-S**
	5	1-3/8	300	6-1/8	1-1/2	4	**02JSS-TLP2*-P-HE-0513-S**
	6	1-1/4	300	7-3/16	1-1/2	4-1/2	**02JSS-TLP2*-P-HE-0612-S**

****Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "D" for Delrin Bearing**

***Add "P_" for Plate Size, "SX_" for Expandable Adapter or "TS_" for Threaded Stem.**

NOTE: All load ratings are for manual operation.

NOTE: For rigid casters, change "S" to "R" (i.e. 02JSS-TLP2*-P-TPR-P-0412-**S** becomes 02JSS-TLP2*-P-TPR-P-0412-**R**)

NOTE: All Rig Options should be added to the end of the Part Number. (i.e. 02JSS-TLP2*-P-TPR-P-0412-**SL** for Swivel Lock)

OTHER TYPE WHEELS AVAILABLE FOR THIS SERIES:
NYLON FIBERGLASS (NG), NYLACRON™ MD (NY/MD), NYLACRON™ MONOCAST (NY/MC), HIGH TEMP PHENOLIC (TR) AND HEATEATER (HE)
SEE WHEEL SECTION FOR COMPLETE SPECIFICATIONS.

SERIES VL
SWIVEL CASTER

SWIVEL
CROSS SECTION

SERIES VB
RIGID CASTER

Series VL / Series VB

Industrial Casters with Pevolon™ Plain Bore (/1) or Stainless Steel Roller Bearing (/3R)

Swivel Part Number	Rigid Part Number	Diameter (mm)	Width (mm)	OAH (mm)	Top Plate (mm)	Bolt Spacing (mm)	Bolt Size (mm)	Swl Offset (VL Series)	Load Cap. (lbs)
VL-080/35/1-L	**VB-080/35/1-L**	80	35	108	105 x 85	80 x 60	9	38	330
VL-100/34/1-L	**VB-100/34/1-L**	100	34	128	105 x 85	80 x 60	9	38	330
VL-125/40/1-L	**VB-125/40/1-L**	125	40	155	105 x 85	80 x 60	9	45	330
VL-125/40/1	**VB-125/40/1**	125	40	161	135 x 110	105 x 80	11	55	660
VL-150/42/1	**VB-150/42/1**	150	42	194	135 x 110	105 x 80	11	55	880
VL-160/40/1	**VB-160/40/1**	160	40	197	135 x 110	105 x 80	11	55	880
VL-200/50/1	**VB-200/50/1**	200	50	237	135 x 110	105 x 80	11	55	880
VL-080/30/3R-L	**VB-080/30/3R-L**	80	30	108	105 x 85	80 x 60	9	38	330
VL-100/34/3R-L	**VB-100/34/3R-L**	100	34	128	105 x 85	80 x 60	9	38	330
VL-125/40/3R-L	**VB-125/40/3R-L**	125	40	155	105 x 85	80 x 60	9	45	330
VL-125/40/3R	**VB-125/40/3R**	125	40	161	135 x 110	105 x 80	11	55	660
VL-150/42/3R	**VB-150/42/3R**	150	42	194	135 x 110	105 x 80	11	55	880
VL-160/40/3R	**VB-160/40/3R**	160	40	197	135 x 110	105 x 80	11	55	880
VL-200/50/3R	**VB-200/50/3R**	200	50	237	135 x 110	105 x 80	11	55	880

1 kg = 2.2 lbs
25.4 mm = 1 inch

Stainless Steel
Total Lock Brake
Add **TL** to
Part Number

Stainless Steel
Stem
Add **ST** to
Part Number

Stainless Steel
Hole Caster
Add **H11** to
Part Number

ACORN™ IN-PLANT SURVEY

A simple, safe & ergonomic operating practice for any caster application:
Each caster on the equipment should be rated at an amount equal to the total load.

ACORN PRODUCT SURVEY

Equipment Name / Type:_____

_____

_____

Measurements: _____

_____

_____

Maximum Capacity:

Contents + Container Weight = _____lbs

Is Overload Possible? ___ Yes ___ No

Shock Loads? ___ Yes ___ No

Heavier Loads in Future? ___ Yes ___ No

If Yes, _____ lbs

Floor Material: _____

_____

_____

Floor Condition: _____

_____

_____

Operating Environmental Factors: (Noise, Speed, Abuse, Extreme Temperature, Oils, Constant Moisture, Other_____

_____

Movement: ___ Manual Operation ___ Power/Towing Operation

Power: ___ High Speed ___ Side Thrust

CASTER MOUNTING PATTERN

Conventional: _____

Diamond:_____

4-Wheel: _____

6-Wheel: _____

Other: _____

ACCESSORIES / OPTIONS

Swivel Locks (SL): _____

Wheel Brakes (WB): _____

Total Lock Brakes (TL):_____

Floor Locks (FL):_____

Other: _____

TOP PLATE / CASTER CONSTRUCTION

Present Top Plate Size: _____ **x** _____ in / mm

Present Bolt Hole Pattern: _____ **x** _____ in / mm

Slotted To: _____ **x** _____ in / mm

Present Overall Height: _____ in / mm

Present Swivel Radius: _____ in / mm

Rig Construction:

___ Stamped ___ Cold Forged

___ Hot Forged ___ Kingpinless

___ Stainless Steel ___ Welded Legs

Notes: _____

_____

WHEEL OPTIONS

Wheel Diameter:_____

Tread Width: _____

Bearing Type: _____

Other: _____

Acorn Recomendations: _____

_____

_____

_____

BLUE ELASTIC RUBBER

Series	Caster Type	Page #
TP1-TP3	Pressed Steel - Top Plates	2
03	Pressed Steel - Brakes	3
LPA / LHA	Pressed Steel - Light Duty (Extrathane® wheels)	4
LE	Pressed Steel - Medium Duty (Nylon / Blue Elastic wheels)	5-6
L	Pressed Steel - Medium Heavy Duty (w/ Nylon wheels)	7
LK	Pressed Steel - Medium Heavy Duty (w/ Nylon wheels)	8
SS	Pressed Stainless Steel	9-11

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products
www.acornindprod.com

NOISE ABSORBING NYLON

NYLON

EXTRATHANE®

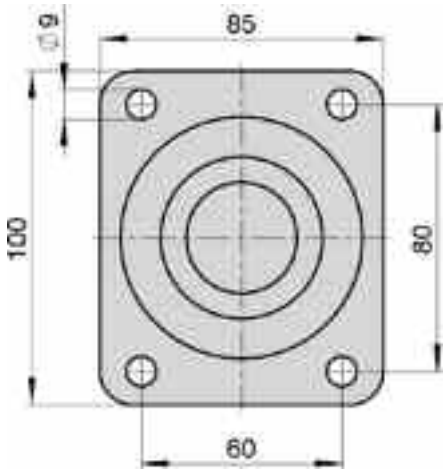
TOP PLATE #1

Dimensions in Millimeters

85 mm x 100 mm

Dimensions in Inches

3-1/8 in x 4-1/8 in



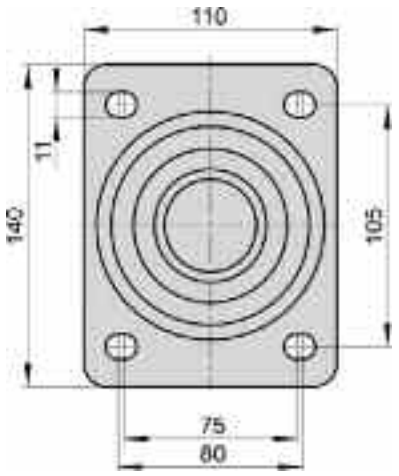
TOP PLATE #3

Dimensions in Millimeters

110 mm x 140 mm

Dimensions in Inches

4-1/4 in x 5-1/2 in



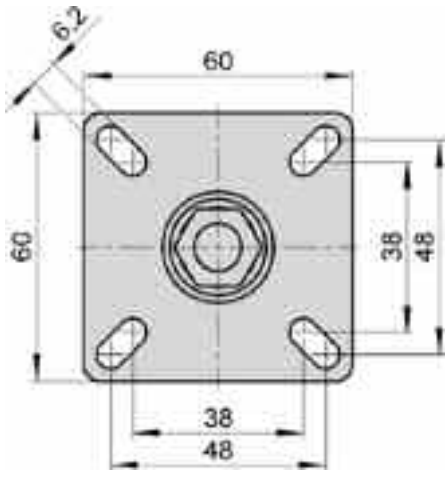
TOP PLATE #22

Dimensions in Millimeters

60 mm x 60 mm

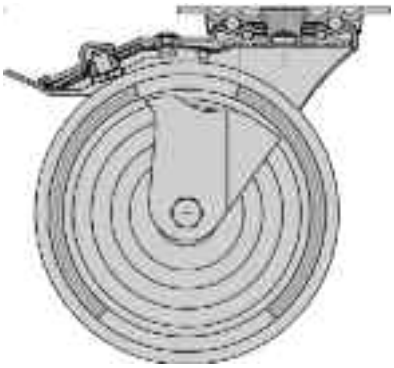
Dimensions in Inches

2-3/8 in x 2-3/8 in



Wheel and Swivel Head Brakes

With the brake systems described in the following sections, the rolling and swivel motions of swivel casters can be locked when the equipment is motionless. (Wheel and swivel head brakes) Depending on the application type, "non-trailing", "trailing" or "stationary" brake systems are used. Related to the rolling direction, the "non-trailing" brake system is fitted to the front of the caster and the "trailing" brake system to the rear. The "stationary" brake system does not rotate with the swivel head. The brake lever remains in the same position at all times. The selection of one of these three brake systems depends on the requirements based upon user-friendliness, fitting conditions, and user-specific accident prevention measures. If these brake systems are combined with wheels with soft tyres/treads, particularly the VW, VWPP and P wheel series, the brake forces are reduced.



Total Lock Trailing Edge Wheel and Swivel (TL/TE)

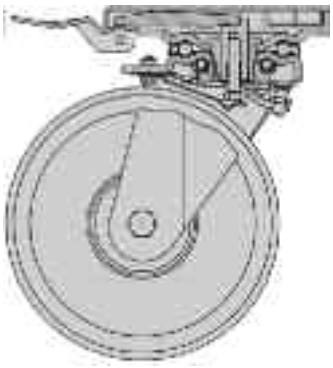
This brake system is attached to the back of the bracket and provides a positive locking of the swivel head and a nonpositive locking of the wheel by means of a very strong brake mechanism, designed for high security and long life.

A brake spring engages in a toothed spherical disc and locks both the swivel head and the wheel.

The holding pressure is adjustable for the HD bracket series (all sizes).

The design of this brake system meets the requirement for a minimum swivel radius.

TL/TE



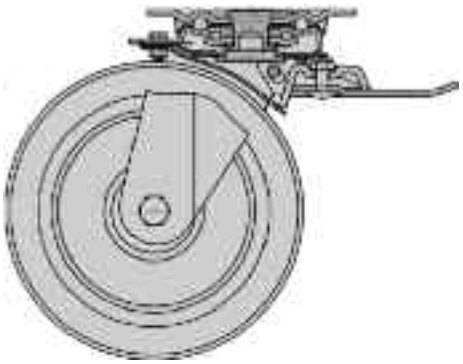
Total Lock Ideal Brake Wheel and Swivel (TL/IB)

This brake system provides a non-positive swivel head and wheel brake on the basis of a very strong brake mechanism which has been designed in accordance with high security and long service life aspects. Wear is prevented by the
conical brake within the swivel head. The holding pressure is adjustable.

The special characteristic of this brake system is its "stationary" brake lever which does not rotate together with the swivel caster and therefore is always operable at the same position.

Increases height by 17 mm. A synthetic adapter plate (Ref. No. AP3) is available for the height adjustment of casters without these brakes.

TL/IB



Total Lock Leading Edge Brake Wheel and Swivel (TL/LE)

This brake system provides a non-positive swivel head and wheel brake on the basis of a very strong brake mechanism which has been designed in accordance with high security and long service life aspects.

The holding pressure is adjustable. The rotation radius of the brake lever is mostly positioned within the wheel's swivel radius.

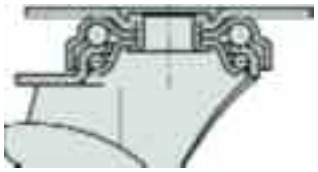
TL/LE

03 (LPA & LHA) Pressed Steel - Light Duty (EURO)

PLATE TYPE FEATURES

Load Capacity Up to 100 kg.

Casters: Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Wheels: Made of Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. Very good chemical connection with the wheel centre. Wheel centre: Made of steel **with precision ball bearings.**



Extrathane® Wheel

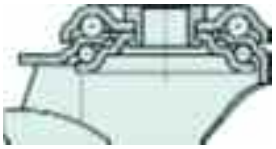
01 LPA PLATE CASTER SPECIFICATIONS

Wheel Dia. (mm)	Wheel Width (mm)	Capacity (lb)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole Spacing (mm)	Bolt Hole (mm)	Offset	Swivel Part Number
35	27	220	Precision Ball	52	60 x 60	38 x 38 / 48 x 48	6, 2	15	**03B-LPA-ER/STL-P-35-S**
35	27	220	Precision Ball	52	60 x 60	38 x 38 / 48 x 48	6, 2	15	**03B-LPA-NY/MD-P-35-S**

HOLE TYPE FEATURES

Load Capacity Up to 100 kg.

Casters: Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Wheels: Made of Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. Very good chemical connection with the wheel centre. Wheel centre: Made of steel, precision ball bearing.



Extrathane® Wheel

01 LHA HOLE CASTER SPECIFICATIONS

Wheel Dia. (mm)	Wheel Width (mm)	Capacity (lb)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole (mm)	Offset (mm)	Swivel Part Number
35	27	220	Precision Ball	50	43	11	15	**03B-LHA-ER/STL-P-35-S**
35	27	220	Precision Ball	50	43	11	15	**03B-LHA-NY/MD-P-35-S**

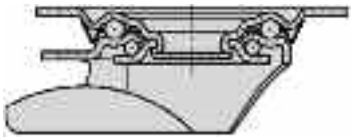
LE / LEH SERIES — NOISE ABSORBING NYLON WHEELS

Casters: Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.

Hole Casters: Pressed steel, with bolt hole, double ball bearing in the swivel head and strong central kingpin, dynamically pressed resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Wheels: Made of high-quality nylon, colornatural white, noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer, colorgrey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant. Wheel centres: Made of high-quality nylon, colorblack, shock and impact-proof, corrosion-resistant, ball bearing.

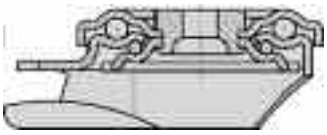
LE SWIVEL CROSS SECTION



Brake Options:

TL/TE Total lock / **Trailing** edge brake
TL/LE Total lock / **Leading** edge brake
TL/IB Total lock / **Ideal** locking brake

LEH SWIVEL CROSS SECTION



LE / LEH SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (mm)	Width (mm)	Capacity (lbs)	OAH (mm)	Bolt Hole (mm)	Offset Swivel	Swivel Part Number Bearing Type***
NOISE ABSORBING NYLON (NA/NN) WHEELS W/ PRECISION BALL BEARINGS – SWIVEL RIG W/ TP1 TOP PLATE 100 X 85; BOLT HOLE 80 X 60							
	100	35	330	125	9	36	**03B/LE-ST1-NA/NN*-P-100-S****
	125	35	330	150	9	40	**03B/LE-ST1-NA/NN*-P-125-S****
Wheel Type (Wheel Code)	**Diameter (mm)**	**Width (mm)**	**Capacity (lbs)**	**OAH (mm)**	**Plate / Bolt (mm)**	**Offset (mm)**	**Swivel Part Number**
NOISE ABSORBING NYLON (NA/NN) WHEELS W/ PRECISION BALL BEARINGS – SWIVEL RIG W/ BOLT HOLE FITTING							
	100	35	330	125	70 / 13	36	**03B/LEH-NA/NN*-P-100-S****
	125	35	330	150	70 / 13	40	**03B/LEH-NA/NN*-P-125-S****

*** Add wheel options after wheel designation in part number**
**** Add caster options after swivel designation in part number , i.e. Add "R" for rigid, TL/LE for Total Lock/ Leading Edge Brake**
***** P=Precision Bearing, R=Roller Bearing, PL=Plain Bearing**

VARIANTS / ACCESSORIES

Code	-XR
Description	Stainless steel roller bearing in wheel hub
Available for Wheel (mm)	-Upon Request

LE SERIES — BLUE ELASTIC RUBBER WHEELS

LE Casters: Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-250 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

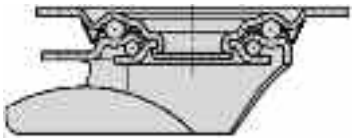
Wheels: Elastic solid rubber, smooth rolling quality, color blue, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of high-quality nylon, colorblack, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.

Brake Options:

TL/TE Total lock / **Trailing** edge brake
TL/LE Total lock / **Leading** edge brake
TL/IB Total lock / **Ideal** locking brake

LE Casters are Available in Stainless Steel and Hole Casters.

LE SWIVEL CROSS SECTION



LE SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (mm)	Width (mm)	Capacity (lbs)	OAH (mm)	Bolt Hole (mm)	Offset Swivel	Swivel Part Number Bearing Type***
ELASTIC RUBBER / BLUE / NYLON CORE (ER/BL/NN) WHEEL W/ PRECISION BALL BRG – SWIVEL RIG W/ TP1 TOP PLATE 100 X 85, BHC 80 X 60							
	100	38	375	125	36	9	**03BLE-TP1-ER/BL/NN*-P-100-S****
	125	40	440	150	40	9	**03BLE-TP1-ER/BL/NN*-P-125-S****

*** Add wheel options after wheel designation in part number**
**** Add caster options after swivel designation in part number , i.e. Add "R" for rigid, TL/LE for Total Lock/ Leading Edge Brake**
***** P=Precision Bearing, R=Roller Bearing, PL=Plain Bearing**

VARIANTS / ACCESSORIES

Code	-XR
Description	Stainless steel roller bearing in wheel hub
Available for Wheel (mm)	-Upon Request

L SERIES — NOISE ABSORBING NYLON WHEELS

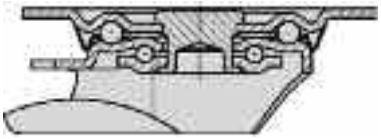
Casters: Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed resulting in an extremely low swivel head play and a long service life, swivel head sealing, bolted wheel axle, zinc-plated.

Wheels: Made of high-quality nylon, colornatural white, noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer, colorgrey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant. Wheel centres: Made of high-quality nylon, colorblack, shock and impact-proof, corrosion-resistant, ball bearing.

Brake Options:

TL/TE Total lock / **Trailing** edge brake
TL/LE Total lock / **Leading** edge brake
TL/IB Total lock / **Ideal** locking brake

L SWIVEL CROSS SECTION



L SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (mm)	Width (mm)	Capacity (lbs)	OAH (mm)	Bolt Hole (mm)	Offset Swivel	Swivel Part Number Bearing Type***
NOISE ABSORBING NYLON (NA/NN) WHEELS W/ PRECISION BALL BEARINGS – SWIVEL RIG W/ TP1 TOP PLATE 100 X 85; BOLT HOLE 80 X 60							
	100	35	440	125	9	36	**03BLE-TP1-NA/NN*-P-100-S****
	125	35	440	150	9	40	**03BLE-TP1-NA/NN*-P-125-S****

*** Add wheel options after wheel designation in part number**
**** Add caster options after swivel designation in part number , i.e. Add "R" for rigid, TL/LE for Total Lock/ Leading Edge Brake**
***** P=Precision Bearing, R=Roller Bearing, PL=Plain Bearing**

VARIANTS / ACCESSORIES

Code	-XR
Description	Stainless steel roller bearing in wheel hub
Available for Wheel (mm)	-Upon Request

LK SERIES — NOISE ABSORBING NYLON WHEELS

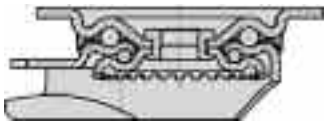
Casters: Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed resulting in an extremely low swivel head play and a long service life, swivel head sealing, bolted wheel axle, zinc-plated.

Wheels: Made of high-quality nylon, colornatural white, noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer, colorgrey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant. Wheel centres: Made of high-quality nylon, colorblack, shock and impact-proof, corrosion-resistant, ball bearing.

Brake Options:

TL/TE Total lock / **Trailing** edge brake
TL/LE Total lock / **Leading** edge brake
TL/IB Total lock / **Ideal** locking brake

LK SWIVEL CROSS SECTION



LK SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (mm)	Width (mm)	Capacity (lbs)	OAH (mm)	Bolt Hole (mm)	Offset Swivel	Swivel Part Number Bearing Type***
NOISE ABSORBING NYLON (NA/NN) WHEELS W/ PRECISION BALL BRG – SWIVEL RIG W/ TP1 TOP PLATE 100 X 85; BOLT HOLE 80 X 60							
	100	35	440	130	9	45	**03BLK-TP1-NA/NN*-P-100-S****
	125	35	485	155	9	48	**03BLK-TP1-NA/NN*-P-125-S****
NOISE ABSORBING NYLON (NA/NN) WHEELS W/ PRECISION BALL BRG – SWIVEL RIG W/ TP2 TOP PLATE 140 X 110; BOLT HOLE 105 X 75-80**							
	100	35	440	130	9	45	**03BLK-TP2-NA/NN*-P-100-S****
	125	35	485	155	9	48	**03BLK-TP2-NA/NN*-P-125-S****

*** Add wheel options after wheel designation in part number**

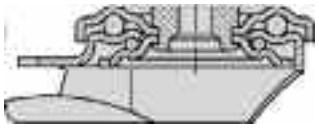
**** Add caster options after swivel designation in part number , i.e. Add "R" for rigid, TL/LE for Total Lock/ Leading Edge Brake**

***** P=Precision Bearing, R=Roller Bearing, PL=Plain Bearing**

LEH/SS SERIES – ELASTIC RUBBER GRAY / NYLON CORE

Casters: Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), with double ball bearing in the swivel head, with strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.

Wheels: Elastic solid rubber, smooth rolling quality, colorgrey, non-marking, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Made of high-quality nylon, colorblack, shock and impact-resistant, corrosion-resistant, plain or stainless steel roller bearing or sealed ball bearing. As standard, ball bearing versions are supplied with bearing sealing.



Additional wheels available.
See Wheel Section or consult Acorn™.

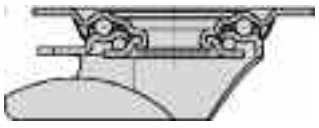
LEH/SS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (mm)	Width (mm)	Capacity (lbs)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole (mm)	Offset Swl (mm)	Part Number
ELASTIC RUBBER GRAY / NYLON CORE (ERG/NN) WHEELS WITH PRECISION BALL BEARINGS									
	100	38	330	Prec. Ball	125	70	13	36	**03BSS-LEH-TP1-ERG/NN-P-100/38-S**
	125	40	330	Prec. Ball	150	70	13	40	**03BSS-LEH-TP1-ERG/NN-P-125/40-S**
	160	50	660	Prec. Ball	195	88	13	54	**03BSS-LEH-TP1-ERG/NN-P-160/50-S**
	200	50	660	Prec. Ball	235	88	13	54	**03BSS-LEH-TP1-ERG/NN-P-200/50-S**

LE/SS SERIES – ELASTIC RUBBER GRAY / NYLON CORE

Casters: Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head sealing, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.

Wheels: Elastic solid rubber, smooth rolling quality, colorgrey, non-marking, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Made of high-quality nylon, colorblack, shock and impact-resistant, corrosion-resistant, plain or stainless steel roller bearing or sealed ball bearing. As standard, ball bearing versions are supplied with bearing sealing.



Additional wheels available.
See Wheel Section or consult Acorn™.

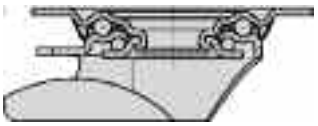
LE/SS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (mm)	Width (mm)	Cap. (lbs)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole Spacing (mm)	Bolt Hole (mm)	Offset Swl (mm)	Part Number
ELASTIC RUBBER GRAY / NYLON CORE (ERG/NN) WHEELS WITH PRECISION BALL BEARINGS										
	100	38	330	Prec. Ball	125	100 x 85	80 x 60	9	36	**03BSS-LE-TP1-ERG/NN-P-100/38-S**
	125	40	330	Prec. Ball	150	100 x 85	80 x 60	9	40	**03BSS-LE-TP1-ERG/NN-P-125/40-S**
	160	50	660	Prec. Ball	195	140 x 110	105 x 75-80	11	54	**03BSS-LE-TP2-ERG/NN-P-160/50-S**
	200	50	660	Prec. Ball	235	100 x 85	80 x 60	9	54	**03BSS-LE-TP1-ERG/NN-P-200/50-S**

L/SS SERIES – ELASTIC RUBBER GRAY / NYLON CORE

Casters: Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the reinforced swivel head, swivel head sealing, strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.

Wheels: Elastic solid rubber, smooth rolling quality, colorgrey, non-marking, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Made of high-quality nylon, colorblack, shock and impact-resistant, corrosion-resistant, stainless steel roller or sealed ball bearing. As standard, ball bearing versions are supplied with bearing sealing.



Additional wheels available.
See Wheel Section or consult Acorn™.

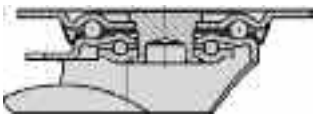
L/SS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (mm)	Width (mm)	Cap. (lbs)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole Spacing (mm)	Bolt Hole (mm)	Offset Swl (mm)	Part Number
ELASTIC RUBBER GRAY / NYLON CORE (ERG/NN) WHEELS WITH PRECISION BALL BEARINGS										
	160	50	770	Prec. Ball	195	140 x 110	105 x 75-80	11	60	**03BSS-LP-TP2-ERG/NN-P-160/50-S**
	200	50	880	Prec. Ball	235	140 x 110	105 x 75-80	11	65	**03BSS-LP-TP2-ERG/NN-P-200/50-S**

LX/SS SERIES – POLYURETHANE / NYLON CORE

Casters: Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the reinforced swivel head, swivel head sealing, strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.

Wheels: Made of injection-moulded polyurethane, colorbrown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. Alternatively available with soft tread with improved skid resistance, colorgrey, 92° shore A, refer to Variants / Accessories. Wheel centres: Made of high-quality nylon, colornatural white, shock and impact-resistant, corrosion-resistant, plain, stainless steel roller or ball bearing.



Additional wheels available.
See Wheel Section or consult Acorn™.

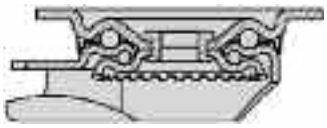
LX/SS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (mm)	Width (mm)	Cap. (lbs)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole Spacing (mm)	Bolt Hole (mm)	Offset Swl (mm)	Part Number
POLYURETHANE / NYLON CORE (PY/NN) WHEELS WITH PRECISION BALL BEARINGS										
	150	40	880	Prec. Ball	190	140 x 110	105 x 75-80	11	60	**03BSS-LX-TP2-PY/NN-P-150/40-S**
	160	40	880	Prec. Ball	165	140 x 110	105 x 75-80	11	60	**03BSS-LX-TP2-PY/NN-P-150/40-S**
	200	50	880	Prec. Ball	235	140 x 110	105 x 75-80	11	65	**03BSS-LX-TP2-PY/NN-P-150/40-S**

LKX/SS SERIES – HEAVY DUTY NYLON

Casters: Pressed from heavy, high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), reinforced fork and top plate, double ball bearing in the swivel head, swivel head sealing, very strong central kingpin. All metal parts are stainless steel and brackets are vibration-ground finished.

Wheels: Made of high-quality nylon, very rugged, colornatural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or stainless steel ball bearing.



Additional wheels available.
See Wheel Section or consult Acorn™.

LKX/SS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (mm)	Width (mm)	Capacity (lbs)	Bearing Type	OAH (mm)	Plate (mm)	Bolt Hole (mm)	Bolt Hole Spacing	Offset Swl (mm)	Part Number
HEAVY DUTY NYLON (NN/HD) WHEELS WITH PRECISION BALL BEARINGS										
	125	50	1650	Ball bearing	170	140 x 110	105 x 75-80	11	55	**03BSS-LKX-TP2-NN/HD-P-125/50-S**
	150	50	1760	Ball bearing	197	140 x 110	105 x 75-80	11	63	**03BSS-LKX-TP2-NN/HD-P-150/50-S**
	200	50	1760	Ball bearing	245	140 x 110	105 x 75-80	11	65	**03BSS-LKX-TP2-NN/HD-P-200/50-S**

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Series	Caster Type	Page #
4-16	Kingpin - Cold Forged	2-7
4-16M	Kingpin - Yellow Zinc (w/ Adjustable Total Lock)	8-10
4-71	Kingpin - Hot Forged	11-12
4-71HD	Kingpin HD - Hot Forged (w/ Total Lock)	13-15
4-16K	Kingpinless	16-17
4-16KZT	Kingpinless - Precision Swivel - Yellow Zinc	18-19
4-71KHD	Kingpinless HD (w/ Adjustable Total Lock)	20-21
4-16/SA	Kingpin - Shock Absorbing	22-23
4-16SL	Kingpin - Shock Absorbing	24
4-71KHD/SA	Kingpinless - Shock Absorbing	25-26
4-16SS	Kingpin - Stainless Steel	27-28
4-16M/PSS	Kingpin - Polished Stainless Steel (w/ Total Lock)	29-30
4-16PSS	Kingpin - Polished Stainless Steel	31-32
4-16KPSS	Kingpinless - Polished Stainless Steel	33-34
4-71KHD/PSS	Kingpinless HD - Polished SS (w/ Adjustable Total Lock)	35-36

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view our complete catalog.

Visit our Web site for new products

www.acornindprod.com

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:

70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Tread Types: CR: Crown or FT: Flat Tread

Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

4-16 SERIES CONSTRUCTION FEATURES

Load Capacity Up to 1250 lbs.

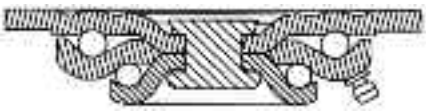
Hydraulic Rivet Swivel

Epoxy Coated Swivel

- **Top Plate/Yoke Base:** Cold-Forged from 1/4" steel plate
- **Swivel section:** Un-notched standard , Notched (optional)
- **Swivel Bearing:** Full double ball bearing. Raceways formed smooth and then heat treated to minimize wear and ball indentation
- **Legs:** 1/4" round edge steel. Formed to increase strength and welded to yoke base. Fork inside hub length 2-1/2"
- **Hub Length:** 2-1/2" inside the legs
- **King Bolt:** 5/8" hydraulically pressed steel rivet. For unusually severe service, specify 5/8" heat treated bolt and nut type at slight extra cost.
- **Axle:** 1/2" diameter, hollow axle with lock nut
- **Optional Wheel Bearings:** Specify "B" for Pedestal Ball bearing, "P" for Precision Ball bearing, "PL" for Plain bearing, "R" for Roller bearing, "T" for Tapered bearing
- **Lubrication:** Zerk fitting in swivel and in recessed head of hollow axle

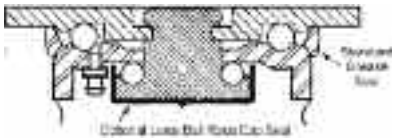
4-16 SERIES SWIVEL CROSS SECTIONS

4-16
HYDRAULIC SET RIVET
SWIVEL CROSS SECTION



4-16P
KINGPIN & NUT
SWIVEL CROSS SECTION

4-16F*
3/4" KINGPIN EPOXY COATED
SWIVEL CROSS SECTION



4-16F* IS ONLY AVAILABLE IN THE FOLLOWING SIZES: 4x2, 5x2, 6x2, 8x2

SWIVEL RIG OPTIONS

KBN: King Bolt & Nut
NOSW: Notched Swivel section
NSS: Neoprene Sealed Swivel Section
NSF: Listed for Food Service Industry
NSK: Notched Seal Kit
USK: Unnotched Seal Kit
SLW: Swivel Lock Welded
FOSL: Foot Operated Swivel Lock
SLFI: Swivel Lock Field Installable
SLHOFI: Swivel Lock - Hand Operated Field Installable
SLFOFI: Swivel Lock - Foot Operated Field Installable
SW: Sealed Wheels
BRC: Lower Ball Race Cap Seal: Flexible PVC cap that can be factory or field installed and protects against dirt and grit getting into lower raceway. Temp. range: -40° to + 200°.

MOUNTING PLATES*

TOP PLATE: 16 (STANDARD)
Plate Size: 4 x 4-1/2
Bolt Holes: 2-5/8 x 3-5/8 slotted to 3 x 3
Bolt Size: 3/8

TOP PLATE: TPJ
Plate Size: 4 x 5
Bolt Holes: 2-5/8 x 3-5/8 slotted to 3 x 3
Bolt Size: 3/8

TOP PLATE: TP62
Plate Size: 4-1/2 x 6-1/4
Bolt Holes: 2-7/16 x 4-15/16 slotted to 3-38 x 5-1/4
Bolt Size: 3/8

TOP PLATE: TP12
Plate Size: 5 x 5-1/2
Bolt Holes: 4-1/8 x 4-1/2
Bolt Size: 3/8

*Add options to end of part number.

OPTIONAL OAH'S

DIAMETER: 3-1/4"
OAH: 5-1/4"
Swivel Lead: 1-11/16"

DIAMETER: 4"
OAH: 5-1/4"
Swivel Lead: 1-11/16"

DIAMETER: 5"
OAH: 6-1/8"
Swivel Lead: 1-11/16"

DIAMETER: 5"
OAH: 6-3/4"
Swivel Lead: 1-3/4"

DIAMETER: 6"
OAH: 7-1/4"
Swivel Lead: 1-3/4"

DIAMETER: 8"
OAH: 10"
Swivel Lead: 1-3/4"

BRAKE OPTIONS

TL/LE: Total Lock Brake / Leading Edge
TL/TE: Total Lock Brake / Trailing Edge
GLB: Grip Lock Brake
WB: Wrap Around Brake
CB: Cam Brake
FCB: Face Contact Brake
FB: Foot Brake
SSB: Single Side Brake
DSB: Double Side Brake

ALL BALL AND PRECISION BEARING WHEELS WITH 2-1/2" HUB LENGTH WILL FIT IN 4-16 SERIES CASTERS

See Wheel Section for complete selection.

4-16 SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
METAL WHEELS							
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	3-1/4	1-1/2	400	4-1/4	1-3/4	4-1/2	**4-16-CA-R-0315-S**
	3-1/4	2	700	4-1/4	1-3/4	6-3/4	**4-16-CA-R-3220-S**
	4	1-1/2	600	5-5/8	1-11/16	6	**4-16-CA-R-0415-S**
	4	2	1000	5-5/8	1-11/16	7	**4-16-CA-R-0420-S**
	5	1-1/2	600	6-1/2	1-5/8	6-3/4	**4-16-CA-R-0515-S**
	5	2	1250	6-1/2	1-5/8	8	**4-16-CA-R-0520-S**
	6	1-1/2	800	7-1/4	1-3/4	7-3/4	**4-16-CA-R-0615-S**
	6	2	1250	7-1/4	1-3/4	9-3/4	**4-16-CA-R-0620-S**
	8	2	1250	9-1/2	1-3/4	12-1/2	**4-16-CA-R-0820-S**
V-GROOVED CAST IRON (VG) WHEELS WITH ROLLER BEARINGS							
	4	2	800	5-5/8	1-11/16	7	**4-16-VG-R-0420-S**
	5	2	800	6-1/2	1-5/8	8-3/4	**4-16-VG-R-0520-S**
	6	2	1000	7-1/4	1-3/4	9-3/4	**4-16-VG-R-0620-S**
HEAVY DUTY CAST IRON (CA/HD) WHEELS WITH ROLLER BEARINGS							
	5	2	1250	6-1/2	1-5/8	9	**4-16-CA/HD-R-0520-S**
	6	2	1250	7-1/4	1-3/4	11	**4-16-CA/HD-R-0620-S**
	8	2	1250	9-1/2	1-3/4	14	**4-16-CA/HD-R-0820-S**
FORGED STEEL (FS) WHEELS WITH ROLLER BEARING							
	4	1-1/2	1250	5-5/8	1-11/16	7	**4-16-FS-R-0415-S**
	5	1-3/4	1250	6-1/2	1-5/8	8-3/4	**4-16-FS-R-0517-S**
	6	2	1250	7-1/4	1-3/4	9-3/4	**4-16-FS-R-0620-S**
DUCTILE IRON / CROWN TREAD (DU/CR) WHEELS WITH ROLLER BEARING - AVAILABLE IN FLAT TREAD - CHANGE (DU/CR TO DU/FT)							
	5	2	1250	6-1/2	1-5/8	9	**4-16-DU/CR-R-0420-S**
	6	2	1250	7-1/4	1-3/4	11	**4-16-DU/CR-R-0520-S**
	8	2	1250	9-1/2	1-3/4	14	**4-16-DU/CR-R-0620-S**
NON-METAL WHEELS							
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	1250	5-5/8	2-7/16	7	**4-16-NY/MD-P-0420-S**
	5	2	1250	6-1/2	2-7/16	8	**4-16-NY/MD-P-0520-S**
	6	2	1250	7-1/4	2-7/16	9	**4-16-NY/MD-P-0620-S**
	8	2	1250	9-1/2	2-7/16	10	**4-16-NY/MD-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	6	**4-16-KR-P-0420-S**
	5	2	700	6-1/2	2-7/16	7	**4-16-KR-P-0520-S**
	6	2	900	7-1/4	2-7/16	8	**4-16-KR-P-0620-S**
	8	2	1000	9-1/2	2-7/16	9	**4-16-KR-P-0820-S**
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	900	5-5/8	2-7/16	7	**4-16-SE-P-0420-S**
	5	2	1000	6-1/2	2-7/16	8	**4-16-SE-P-0520-S**
	6	2	1100	7-1/4	2-7/16	9	**4-16-SE-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SE-P-0820-S**
HIGH-TEMP NYLON (HE) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	1-11/16	5	**4-16-HE-P-0420-S**
	5	2	1000	6-1/2	1-5/8	6	**4-16-HE-P-0520-S**
	6	2	1200	7-1/4	1-3/4	7	**4-16-HE-P-0620-S**
	8	2	1250	9-1/2	1-3/4	8	**4-16-HE-P-0820-S**
MAXIM / NYLON FIBERGLASS (NG) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/4	2	800	4-1/4	1-11/16	5	**4-16-NG-P-3220-S**
	4	2	800	5-5/8	1-11/16	5	**4-16-NG-P-0420-S**
	5	2	1000	6-1/2	1-5/8	5-1/2	**4-16-NG-P-0520-S**
	6	2	1200	7-1/4	1-3/4	6-1/4	**4-16-NG-P-0620-S**
(Continued on Next Page)	8	2	1250	9-1/2	1-3/4	8	**4-16-NG-P-0820-S**

4-16 SERIES CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
MAXIM / NOISE REDUCTION (NG/NR) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	1-11/16	5	**4-16-NG/NR-P-0420-S**
	5	2	1000	6-1/2	1-5/8	5-1/2	**4-16-NG/NR-P-0520-S**
	6	2	1200	7-1/4	1-3/4	6-1/4	**4-16-NG/NR-P-0620-S**
	8	2	1250	9-1/2	1-3/4	8	**4-16-NG/NR-P-0820-S**
HIGH-TEMP PHENOLIC (TR) WHEELS WITH ROLLER BEARING							
	4	2	800	5-5/8	1-11/16	6-1/2	**4-16-TR-R-0420-S**
	5	2	1000	6-1/2	1-5/8	6-3/4	**4-16-TR-R-0520-S**
	6	2	1200	7-1/4	1-3/4	7-3/4	**4-16-TR-R-0620-S**
	8	2	1400	9-1/2	1-3/4	10	**4-16-TR-R-0820-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARING							
	3-1/4	1-1/2	600	4-1/4	1-3/4	4-1/2	**4-16-TM-R-3120-S**
	3-1/4	2	700	4-1/4	1-3/4	4-1/2	**4-16-TM-R-3120-S**
	4	1-1/2	600	5-5/8	1-11/16	4-1/2	**4-16-TM-R-0415-S**
	4	2	800	5-5/8	1-11/16	5	**4-16-TM-R-0420-S**
	5	1-1/2	600	6-1/2	1-5/8	5-1/4	**4-16-TM-R-0515-S**
	5	2	1000	6-1/2	1-5/8	5-1/4	**4-16-TM-R-0520-S**
	6	1-1/2	800	7-1/4	1-3/4	5-1/2	**4-16-TM-R-0615-S**
	6	2	1200	7-1/4	1-3/4	6-1/4	**4-16-TM-R-0620-S**
	8	2	1250	9-1/2	1-3/4	8	**4-16-TM-R-0820-S**
STRAIGHT SIDED PHENOLIC (TH) WHEELS WITH ROLLER BEARING							
	4	1-1/2	600	5-5/8	1-11/16	4-1/2	**4-16-TH-R-0415-S**
	5	2	1000	6-1/2	1-5/8	5-1/4	**4-16-TH-R-0520-S**
	6	1-1/2	800	7-1/4	1-3/4	5-1/2	**4-16-TH-R-0615-S**
POLYURETHANE WHEELS							
EXTREME SOLID POLYURETHANE (XSP) WHEELS WITH PRECISION BALL BEARINGSS							
	4	2	900	5-5/8	1-1/4	6	**4-16-XP-P-0420-S**
	5	2	1000	6-1/2	1-3/8	7	**4-16-XP-P-0520-S**
	6	2	1100	7-1/4	1-5/8	8	**4-16-XP-P-0620-S**
	8	2	1200	9-1/2	1-3/4	9	**4-16-XP-P-0820-S**
EXTREME PLUS / SOLID POLYURETHANE (XP/SP) WHEELS WITH PRECISION BALL BEARINGSS							
	4	2	1100	5-5/8	1-1/4	6	**4-16-XP/SP-P-0420-S**
	5	2	1200	6-1/2	1-3/8	7	**4-16-XP/SP-P-0520-S**
	6	2	1250	7-1/4	1-5/8	8	**4-16-XP/SP-P-0620-S**
	8	2	1250	9-1/2	1-3/4	9	**4-16-XP/SP-P-0820-S**
V-GROOVE POLYURETHANE (PY/VG) WHEELS WITH PRECISION BALL BEARINGSS							
	4	2	300	5-5/8	1-1/4	5	**4-16-PY/VG-P-0420-S**
	5	2	300	6-1/2	1-3/8	6	**4-16-PY/VG-P-0520-S**
	6	2	300	7-1/4	1-5/8	7	**4-16-PY/VG-P-0620-S**
	8	2	300	9-1/2	1-3/4	8	**4-16-PY/VG-P-0820-S**
POLYURETHANE / ALUMINUM CORE / FLAT TREAD (PY/AL/FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	1-1/2	600	5-5/8	1-11/16	4-1/2	**4-16-PY/AL/FT-P-0415-S**
	4	2	700	5-5/8	1-11/16	5	**4-16-PY/AL/FT-P-0420-S**
	5	1-1/2	720	6-1/2	1-5/8	5	**4-16-PY/AL/FT-P-0515-S**
	5	2	1050	6-1/2	1-5/8	5-1/4	**4-16-PY/AL/FY-R-0520-S**
	6	2	1230	7-1/4	1-3/4	5-3/4	**4-16-PY/AL/FT-P-0620-S**
	8	2	1250	9-1/2	1-3/4	7	**4-16-PY/AL/FT-P-0820-S**
POLYURETHANE / ALUMINUM CORE / DONUT TREAD (PY/AL/DT) WHEELS WITH PRECISION BALL BEARINGS							
	5	2	1000	6-1/2	1-5/8	6	**4-16-PY/AL/DT-P-0520-S**
	6	2	1250	7-1/4	1-3/4	7	**4-16-PY/AL/DT-P-0620-S**
(Continued on Next Page)	8	2	1250	9-1/2	1-3/4	9	**4-16-PY/AL/DT-P-0820-S**

4-16 SERIES CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA AND PI/CA) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/4	1-5/8	420	4-1/4	1-3/4	4-1/4	**4-16-PY/CA-P-0310-S**
	3-1/4	2-3/16	540	4-1/4	1-3/4	4-3/4	**4-16-PY/CA-P-0320-S**
	4	2	700	5-5/8	1-11/16	7	**4-16-PI/CA-P-0420-S**
	5	2	1000	6-1/2	1-5/8	8	**4-16-PI/CA-P-0520-S**
	6	1-1/2	840	7-1/4	1-3/4	7-3/4	**4-16-PY/CA-P-0610-S**
	6	2	1200	7-1/4	1-3/4	9-3/4	**4-16-PI/CA-P-0620-S**
	8	2	1250	9-1/2	1-3/4	10	**4-16-PI/CA-P-0820-S**
POLYURETHANE / POLYPROPYLENE CORE (PY/PB) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	700	5-5/8	1-11/16	4-1/4	**4-16-PY/PB-P-0420-S**
	5	2	750	6-1/2	1-5/8	4-3/4	**4-16-PY/PB-P-0520-S**
	6	2	900	7-1/4	1-3/4	5-1/2	**4-16-PY/PB-P-0620-S**
	8	2	1000	9-1/2	1-3/4	7-1/2	**4-16-PY/PB-P-0820-S**
POLYPROPYLENE BLACK (PB) WHEELS WITH PRECISION BALL BEARINGS							
	4	1-1/2	400	5-5/8	1-11/16	4-1/2	**4-16-PB-P-0415-S**
	4	2	450	5-5/8	1-11/16	4-1/2	**4-16-PB-P-0420-S**
	5	1-1/2	450	6-1/2	1-5/8	5	**4-16-PB-P-0515-S**
	5	2	550	6-1/2	1-5/8	5	**4-16-PB-P-0520-S**
	6	1-1/2	550	7-1/4	1-3/4	5-3/4	**4-16-PB-P-0615-S**
	6	2	650	7-1/4	1-3/4	6	**4-16-PB-P-0620-S**
	8	2	850	9-1/2	1-3/4	5-1/2	**4-16-PB-P-0820-S**
POLYPROPYLENE WHITE (PW) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	450	5-5/8	1-11/16	4-1/2	**4-16-PW-P-0420-S**
	5	2	550	6-1/2	1-5/8	5	**4-16-PW-P-0520-S**
	6	2	650	7-1/4	1-3/4	6	**4-16-PW-P-0620-S**
HIGH TEMP POLYPROPYLENE (PW/HT) WHEELS WITH ROLLER BEARING							
	4	2	500	5-5/8	1-11/16	5	**4-16-PW/HT-R-0420-S**
	5	2	650	6-1/2	1-5/8	6	**4-16-PW/HT-R-0520-S**
	6	2	700	7-1/4	1-3/4	7	**4-16-PW/HT-R-0620-S**
	8	2	900	9-1/2	1-3/4	8	**4-16-PW/HT-R-0820-S**
URETHANE WHEELS							
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	2-7/16	7	**4-16-SWE/6/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/6/FT-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/6/FT-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/6/FT-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 60D / CROWN TREAD (SWE/6/CRN) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	7	**4-16-SWE/6/CRN-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/6/CRN-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/6/CRN-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/6/CRN-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	2-7/16	7	**4-16-SWE/7/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/7/FT-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/7/FT-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/7/FT-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 70A / CROWN TREAD (SWE/7/CRN) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	7	**4-16-SWE/7/CRN-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/7/CRN-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/7/CRN-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/7/CRN-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	2-7/16	7	**4-16-SWE/8/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/8/FT-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/8/FT-P-0620-S**
(Continued on Next Page)	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/8/FT-P-0820-S**

4-16 SERIES CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / CROWN TREAD (SWE/8/CRN) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	7	**4-16-SWE/8/CRN-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/8/CRN-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/8/CRN-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/8/CRN-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	2-7/16	7	**4-16-SWE/9/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/9/FT-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/9/FT-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/9/FT-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / CROWN TREAD (SWE/9/CRN) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	7	**4-16-SWE/9/CRN-P-0420-S**
	5	2	700	6-1/2	2-7/16	8	**4-16-SWE/9/CRN-P-0520-S**
	6	2	1200	7-1/4	2-7/16	9	**4-16-SWE/9/CRN-P-0620-S**
	8	2	1200	9-1/2	2-7/16	10	**4-16-SWE/9/CRN-P-0820-S**
EXTRATHANE® 92A / ALUMINUM CORE (UX/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	770	5-5/8	2-7/16	6	**4-16-UX/AL-P-0420-S**
	5	2	990	6-1/2	2-7/16	7	**4-16-UX/AL-P-0520-S**
	6	2	1100	7-1/4	2-7/16	8	**4-16-UX/AL-P-0620-S**
	8	2	1250	9-1/2	2-7/16	9	**4-16-UX/AL-P-0820-S**
EXTRATHANE® SOFT 75A / ALUMINUM CORE (UXS/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	660	5 15/16	3	7	**4-16-UXS/AL-P-0420-S**
	5	2	770	6-1/2	4 1/8	8	**4-16-UXS/AL-P-0520-S**
	6	2	1210	7-1/4	4 5/8	9	**4-16-UXS/AL-P-0620-S**
	8	2	1250	9-1/2	5 3/4	10	**4-16-UXS/AL-P-0820-S**
BESTHANE® 92A / CAST IRON CORE (UB/CA) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	770	5-5/8	2-7/16	6	**4-16-UB/CA-P-0420-S**
	5	2	990	6-1/2	2-7/16	7	**4-16-UB/CA-P-0520-S**
	6	2	1250	7-1/4	2-7/16	8	**4-16-UB/CA-P-0620-S**
	8	2	1250	9-1/2	2-7/16	9	**4-16-UB/CA-P-0420-S**
BESTHANE® SOFT 75A / ALUMINUM CORE (UBS/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	660	5 15/16	3	7	**4-16-UBS/AL-P-0420-S**
	5	2	770	6-1/2	4 1/8	8	**4-16-UBS/AL-P-0520-S**
	6	2	1210	7-1/4	4 5/8	9	**4-16-UBS/AL-P-0620-S**
	8	2	1250	9-1/2	5 3/4	10	**4-16-UBS/AL-P-0820-S**
RUBBER WHEELS							
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/4	1-1/2	140	4-1/4	1-3/4	4-1/2	**4-16-MR/CA-P-0315-S**
	4	1-1/2	250	5-5/8	1-11/16	5-3/4	**4-16-MR/CA-P-0415-S**
	4	2	300	5-5/8	1-11/16	5-1/4	**4-16-MR/CA-P-0420-S**
	5	1-1/2	350	6-1/2	1-5/8	6	**4-16-MR/CA-P-0515-S**
	5	2	450	6-1/2	1-5/8	5-1/2	**4-16-MR/CA-P-0520-S**
	6	2	500	7-1/4	1-3/4	8	**4-16-MR/CA-P-0620-S**
	8	2	600	9-1/2	1-3/4	10-1/4	**4-16-MR/CA-P-0820-S**
HEAVY DUTY MOLDON RUBBER / CAST IRON CORE (MH/CA) WHEELS WITH PRECISION BALL BEARINGS							
	4	1-1/2	400	5-5/8	1-11/16	5-3/4	**4-16-MH/CA-P-0415-S**
	5	2	700	6-1/2	1-5/8	5-1/2	**4-16-MH/CA-P-0520-S**
	6	2	820	7-1/4	1-3/4	8	**4-16-MH/CA-P-0620-S**
	8	2	1000	9-1/2	1-3/4	10-1/4	**4-16-MH/CA-P-0620-S**
MOLDON RUBBER / ALUMINUM CORE (MR/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	1-1/2	250	5-5/8	1-11/16	4-3/4	**4-16-MR/AL-P-0415-S**
	5	1-1/2	300	6-1/2	1-5/8	5	**4-16-MR/AL-P-0515-S**
	6	2	410	7-1/4	1-3/4	6	**4-16-MR/AL-P-0620-S**
(Continued on Next Page)	8	2	500	9-1/2	1-3/4	7	**4-16-MR/AL-P-0820-S**

4-16 SERIES CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
HIGH MODULUS RUBBER / ALUMINUM CORE (HM/ AL) WHEELS WITH PRECISION BALL BEARINGS							
	5	2	300	6-1/2	1-5/8	5-1/2	**4-16-HM/AL-P-0520-S**
	6	2	350	7-1/4	1-3/4	6-1/2	**4-16-HM/AL-P-0620-S**
	8	2	450	9-1/2	1-3/4	8-1/2	**4-16-HM/AL-P-0820-S**
SOLID RUBBER (RR) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	220	5-5/8	1-11/16	5	**4-16-RR-P-0420-S**
	5	2	325	6-1/2	1-5/8	6	**4-16-RR-P-0520-S**
	6	2	350	7-1/4	1-3/4	7	**4-16-RR-P-0620-S**
EXTRA SOFT RUBBER / FLAT TREAD (XS /FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	350	5-5/8	1-11/16	5-1/4	**4-16-XS/FT-P-0420-S**
	5	2	375	6-1/2	1-5/8	5-1/2	**4-16-XS/FT-P-0520-S**
	6	2	600	7-1/4	1-3/4	6	**4-16-XS/FT-P-0620-S**
	8	2	675	9-1/2	1-3/4	6-1/2	**4-16-XS/FT-P-0820-S**
EXTRA SOFT RUBBER / DONUT TREAD (XR/DT) WHEELS WITH PRECISION BALL BEARINGS							
	6	2	600	7-1/4	1-3/4	5-1/2	**4-16-XR/DT-P-0620-S**
	8	2	675	9-1/2	1-3/4	6-1/2	**4-16-XR/DT-P-0820-S**
ADVANCED RUBBER / FLAT TREAD (AN/FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	500	5-5/8	1-11/16	5	**4-16-AN/FT-P-0420-S**
	5	2	650	6-1/2	1-5/8	6	**4-16-AN/FT-P-0520-S**
	6	2	700	7-1/4	1-3/4	7	**4-16-AN/FT-P-0620-S**
	8	2	900	9-1/2	1-3/4	8	**4-16-AN/FT-P-0820-S**
ADVANCED RUBBER / DONUT TREAD (AN/DT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	500	5-5/8	1-11/16	5	**4-16-AN/DT-P-0420-S**
	5	2	650	6-1/2	1-5/8	6	**4-16-AN/DT-P-0520-S**
	6	2	700	7-1/4	1-3/4	7	**4-16-AN/DT-P-0620-S**
	8	2	900	9-1/2	1-3/4	8	**4-16-AN/DT-P-0820-S**
ELASTIC RUBBER BLUE / NYLON CORE (ER/NN) WHEELS WITH PRECISION BALL BEARINGS							
	6	2	770	7-1/4	2-7/16	10	**4-16-ER/NN-P-0620-S**
	8	2	990	9-1/2	2-7/16	11	**4-16-ER/NN-P-0820-S**
ELASTIC RUBBER BLUE / ALUMINUM CORE (ER/AL) WHEELS WITH PRECISION BALL BEARINGS							
	5	2	410	6 5/8	4 1/8	8	**4-16-ER/AL-P-0520-S**
	6	2	500	7-1/4	4 5/8	9	**4-16-ER/AL-P-0620-S**
	8	2	700	9-1/2	5 3/4	10	**4-16-ER/AL-P-0820-S**
ADVANTAGE SUPER RUBBER / FLAT TREAD GREY (AN/FT/G) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	300	5 15/16	3	5	**4-16-AN/F/TG-P-0420-S**
	5	2	325	6-1/2	4 1/8	6	**4-16-AN/F/TG-P-0520-S**
	6	2	410	7-1/4	4 5/8	7	**4-16-AN/F/TG-P-0620-S**
	8	2	500	9-1/2	5 3/4	8	**4-16-AN/F/TG-P-0820-S**
ADVANTAGE SUPER RUBBER / DONUT TREAD GREY (AN/DT/G) WHEELS WITH PRECISION BALL BEARINGS							
	6	2	410	7-1/4	4 5/8	7	**4-16-AN/DT/G-P-0620-S**
	8	2	500	9-1/2	5 3/4	8	**4-16-AN/DT/G-P-0820-S**
PNEUMATIC WHEELS							
PNEUMATIC (SF) WHEELS WITH PRECISION BALL BEARINGS							
	6	2	200	7-1/4	1-3/4	5-1/2	**4-16-SF-P-0620-S**
	8	2	210	9-1/2	1-3/4	6-1/2	**4-16-SF-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-16M-NY-P-0420-S becomes 4-16M-NY-P-0420-**R**)

All Rig Options should be added to the end of the part number. (i.e. 4-16M-NY-P-0420-**SL** for Swivel Lock)

4-16M SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1000 lbs.

- Top Plate/Yoke Base: Cold-Forged" from 1/4" steel plate.
- Axle: 1/2" diameter
- Fork inside hub length 2-1/2"
- Swivel Bearing: Special deep forming of the raceways allows easy swiveling and greater strength. Double ball construction.
- Legs: 1/4" round edge steel. Formed to increase strength and welded to yoke base.
- King Bolt: Designed for severe service with 5/8"heat treated nut and bolt king pin.
- Wheel Bearing: Precision Ball bearing wheels with (2) 6204 sealed bearings in each wheel for each of rollability and less maintenance.
- Lubrication: Zerk fitting in swivel. Unnecessary in wheels, since they are sealed.
- Finish: All parts except wheel are Yellow Zinc plated for longer life at standard cost.

Yellow Zinc Swivel Caster with Optional Adjustable Metal Total Lock Brake

Yellow Zinc Swivel Caster

RIG OPTIONS

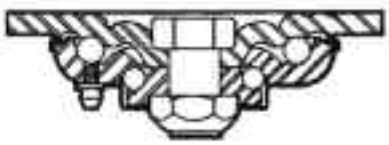
TL	Adjustable Total Lock Brake
CB	Cam brake w/RB (01) Wheels
NS	Neoprene sealed swivel section
TG	Thread guards

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
16M (Standard)	4" x 4 1/2"	2 5/8" x 3 5/8" slotted to 3" x 3"	3/8"
12M (Optional)	5" x 5 1/2"	4 1/8" x 4 1/2"	3/8"

Add options to end of part number. (i.e. 4-16M-NY/MD-P-0420-S-TP12M

SWIVEL CROSS SECTION



Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

4-16M SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARING								
	4	2	1000	5-5/8	2-7/16	1-1/4	7	**4-16M-NY/MD-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	8	**4-16M-NY/MD-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	9	**4-16M-NY/MD-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	10	**4-16M-NY/MD-P-0820-S**
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARING								
	4	2	1000	5-5/8	2-7/16	1-1/4	7	**4-16M-SE-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	8	**4-16M-SE-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	9	**4-16M-SE-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	10	**4-16M-SE-P-0820-S**
NYLON (NN) WHEELS WITH PRECISION BALL BEARING								
	4	2	1000	5-5/8	2-7/16	1-1/4	6	**4-16M-NN-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	7	**4-16M-NN-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	8	**4-16M-NN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	9	**4-16M-NN-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH PRECISION BALL BEARING								
	4	2	500	5-5/8	2-7/16	1-1/4	6	**4-16M-KR-P-0420-S**
	5	2	700	6-1/2	2-7/16	1-3/8	7	**4-16M-KR-P-0520-S**
	6	2	900	7-1/2	2-7/16	1-5/8	8	**4-16M-KR-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	9	**4-16M-KR-P-0820-S**
EXTRATHANE® 92A / ALUMINUM CORE (UX/AL) WHEELS WITH PRECISION BALL BEARING								
	4	2	1000	5-5/8	2-7/16	1-1/4	8	**4-16M-UX/AL-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	9	**4-16M-UX/AL-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	10	**4-16M-UX/AL-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	11	**4-16M-UX/AL-P-0820-S**
EXTRATHANE® SOFT 75A / ALUMINUM CORE (UXS/AL) WHEELS WITH PRECISION BALL BEARING								
	4	2	650	5-5/8	2-7/16	1-1/4	8	**4-16M-UXS/AL-P-0420-S**
	5	2	650	6-1/2	2-7/16	1-3/8	9	**4-16M-UXS/AL-P-0520-S**
	6	2	650	7-1/2	2-7/16	1-5/8	10	**4-16M-UXS/AL-P-0620-S**
	8	2	650	9-1/2	2-7/16	1-3/4	11	**4-16M-UXS/AL-P-0820-S**
BESTHANE® 92A / CAST IRON CORE (UB/CA) WHEELS WITH PRECISION BALL BEARING								
	4	2	770	5-5/8	2-7/16	1-1/4	6	**4-16M-UB/CA-P-0420-S**
	5	2	990	6-1/2	2-7/16	1-3/8	7	**4-16M-UB/CA-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	8	**4-16M-UB/CA-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	9	**4-16M-UB/CA-P-0420-S**
BESTHANE® SOFT 75A / ALUMINUM CORE (UBS/AL) WHEELS WITH PRECISION BALL BEARING								
	4	2	660	5 15/16	3	1-1/4	7	**4-16M-UBS/AL-P-0420-S**
	5	2	770	6 5/8	4 1/8	1-3/8	8	**4-16M-UBS/AL-P-0520-S**
	6	2	1000	7 1/2	4 5/8	1-5/8	9	**4-16M-UBS/AL-P-0620-S**
	8	2	1000	9 3/4	5 3/4	1-3/4	10	**4-16M-UBS/AL-P-0820-S**
ELASTIC RUBBER BLUE / ALUMINUM CORE (ER/B/AL) WHEELS WITH PRECISION BALL BEARING								
	5	2	600	6-1/2	2-7/16	1-3/8	9	**4-16M-ER/B/AL-P-0520-S**
	6	2	770	7-1/2	2-7/16	1-5/8	10	**4-16M-ER/B/AL-P-0620-S**
	8	2	990	9-1/2	2-7/16	1-3/4	11	**4-16M-ER/B/AL-P-0820-S**
ELASTIC RUBBER BLUE / NYLON CORE (ER/B/NN) WHEELS WITH PRECISION BALL BEARING								
	6	2	770	7-1/2	2-7/16	1-5/8	10	**4-16M-ER/B/NN-P-0620-S**
(Continued on Next Page)	8	2	990	9-1/2	2-7/16	1-3/4	11	**4-16M-ER/B/NN-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-16M-NY-P-0420-S becomes 4-16M-NY-P-0420-**R**)

All Rig Options should be added to the end of the part number. (i.e. 4-16M-NY-P-0420-**SL** for Swivel Lock)

4-16M SERIES CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
**SWIVEL-EAZ™ (DUAL-IN-ONE)™ URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN 70A, 80A, 60D)								
	3	2	700	5-1/8	2-7/16	1-1/8	6	**4-16M-SWE/9/FT-P-0320-S**
	4	2	900	5-5/8	2-7/16	1-1/4	7	**4-16M-SWE/9/FT-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	8	**4-16M-SWE/9/FT-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	9	**4-16M-SWE/9/FT-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	10	**4-16M-SWE/9/FT-P-0820-S**
**SWIVEL-EAZ™ (DUAL-IN-ONE)™ URETHANE 95A / CROWN TREAD (SWE/9/CRN) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN 70A, 80A, 60D)								
	3	2	400	5-1/8	2-7/16	1-1/8	6	**4-16M-SWE/9/CRN-P-0320-S**
	4	2	500	5-5/8	2-7/16	1-1/4	7	**4-16M-SWE/9/CRN-P-0420-S**
	5	2	800	6-1/2	2-7/16	1-3/8	8	**4-16M-SWE/9/CRN-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	9	**4-16M-SWE/9/CRN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	10	**4-16M-SWE/9/CRN-P-0820-S**
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN 70A, 95A, 60D)								
	3	2	560	5-1/8	2-7/16	1-1/8	6	**4-16M-SWE/8/FT-P-0320-S**
	4	2	700	5-5/8	2-7/16	1-1/4	7	**4-16M-SWE/8/FT-P-0420-S**
	5	2	1050	6-1/2	2-7/16	1-3/8	8	**4-16M-SWE/8/FT-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	9	**4-16M-SWE/8/FT-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	10	**4-16M-SWE/8/FT-P-0820-S**
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / CROWN TREAD (SWE/8/CRN) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN 70A, 95A, 60D)								
	3	2	320	5-1/8	2-7/16	1-1/8	6	**4-16M-SWE/8/CRN-P-0320-S**
	4	2	400	5-5/8	2-7/16	1-1/4	7	**4-16M-SWE/8/CRN-P-0420-S**
	5	2	650	6-1/2	2-7/16	1-3/8	8	**4-16M-SWE/8/CRN-P-0520-S**
	6	2	900	7-1/2	2-7/16	1-5/8	9	**4-16M-SWE/8/CRN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	10	**4-16M-SWE/8/CRN-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**
All load ratings are for manual operation at 2 mph.
For rigid casters, change "S" to "R" (i.e. 4-16M-NY-P-0420-**S** becomes 4-16M-NY-P-0420-**R**)
All Rig Options should be added to the end of the part number. (i.e. 4-16M-NY-P-0420-**SL** for Swivel Lock)
****Swivel-EAZ™ (Dual-in-One) available in 70A and 60D in both Flat Tread and Crown Tread. See Wheel Section.**

4-71 SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1500 lbs.

- Top Plate: AISI 1045 drop-forged steel for enhanced strength
- Swivel Section: Double ball bearing with coined “deep-groove” load and machined component thrust raceway.
- Legs: 1/4” steel formed to increase strength and welded to the yoke base
- King Bolt: 3/4” diameter heat treated bolt and nut for enhanced load capacity
- Axle: 1/2” diameter hollow axle with lock nut on straight roller bearings and ball bearing offerings. Solid axle on Delrin, Precision ball, and Oilex bearing offerings.
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle.
- Optional Swivel Caster Configurations: Integral pin type with heat treated raceways

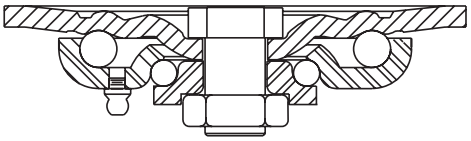
SWIVEL RIG OPTIONS

NS	Sealed Swivel Section
HT	Heat Treated Raceway
NY	Notched Yoke Base
SLW	Swivel Lock Welded
SLHOFI	Swivel Lock - Hand Operated Field Installable
SLFOFI	Swivel Lock - Foot Operated Field Installable

BRAKE OPTIONS

CB	Cam Brake
GLB	Grip Lock Brake
FCB	Face Contact Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
Standard			
71	4” x 5”	2 5/8” x 3 5/8” slotted to 3” x 3”	3/8”
Optional			
TP-C	4” x 5”	2 1/8” x 4”	3/8”
TP-H	4” x 4”	3” x 3”	3/8”
TP-J	4” x 5”	3” x 4” slotted to 2 5/8” x 3 5/8”	3/8”

Add options to end of part number. (i.e. 4-16F-NY/MD-P-0420-S-TPJ)

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-71 SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	2	1000	5-5/8	1-7/16	8-1/4	**4-71-CA-R-0420-S**
	5	2	1300	6-1/2	1-1/2	9-1/4	**4-71-CA-R-0520-S**
	6	2	1400	7-1/2	2-1/4	11-1/2	**4-71-CA-R-0620-S**
	8	2	1500	10-1/8	2-1/4	14-1/2	**4-71-CA-R-0820-S**
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	4	1-1/2	1400	5-5/8	1-7/16	8-1/4	**4-71-FS-R-0415-S**
	5	1-3/4	1500	6-1/2	1-1/2	10-1/4	**4-71-FS-R-0517-S**
	6	2	1500	7-1/2	2-1/4	11-1/4	**4-71-FS-R-0620-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BEARINGS							
	3-1/4	2-3/16	1500	4-1/4	1-3/4	5-1/2	**4-71-NY/MD-P-3221-S**
	4	2	1500	5-5/8	1-11/16	6-1/2	**4-71-NY/MD-P-0420-S**
	5	2	1500	6-1/2	1-5/8	7	**4-71-NY/MD-P-0520-S**
	6	2	1500	7-1/2	1-3/4	7-3/4	**4-71-NY/MD-P-0620-S**
	8	2	1500	10-1/8	1-3/4	8-1/2	**4-71-NY/MD-P-0820-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	4	2	800	5-5/8	1-11/16	6-1/2	**4-71-TM-R-0420-S**
	5	2	1000	6-1/2	1-5/8	6-3/4	**4-71-TM-R-0520-S**
	6	2	1200	7-1/2	1-3/4	7-3/4	**4-71-TM-R-0620-S**
	8	2	1400	10-1/8	1-3/4	10	**4-71-TM-R-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE)™ URETHANE 95A / FLAT TREAD (SWE9FT) WHEELS WITH PRECISION BALL BEARINGS (AVAILABLE IN 70A, 80A, 60D)**							
	4	2	900	5-5/8	1-1/4	7	**4-71-SWE/9/FT-P-0420-S**
	5	2	1000	6-1/2	1-3/8	8	**4-71-SWE/9/FT-P-0520-S**
	6	2	1000	7-1/2	1-5/8	9	**4-71-SWE/9/FT-P-0620-S**
	8	2	1000	10-1/8	1-3/4	10	**4-71-SWE/9/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE)™ URETHANE 95A / CROWN TREAD (SWE9CRN) WHEELS WITH PRECISION BALL BEARINGS (AVAILABLE IN 70A, 80A, 60D)**							
	4	2	500	5-5/8	1-1/4	7	**4-71-SWE/9/CRN-P-0420-S**
	5	2	800	6-1/2	1-3/8	8	**4-71-SWE/9/CRN-P-0520-S**
	6	2	1000	7-1/2	1-5/8	9	**4-71-SWE/9/CRN-P-0620-S**
	8	2	1000	10-1/8	1-3/4	10	**4-71-SWE/9/CRN-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE8FT) WHEELS WITH PRECISION BALL BEARINGS (AVAILABLE IN 70A, 950A, 60D)**							
	4	2	700	5-5/8	1-1/4	7	**4-71-SWE/8/FT-P-0420-S**
	5	2	1000	6-1/2	1-3/8	8	**4-71-SWE/8/FT-P-0520-S**
	6	2	1000	7-1/2	1-5/8	9	**4-71-SWE/8/FT-P-0620-S**
	8	2	1000	10-1/8	1-3/4	10	**4-71-SWE/8/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / CROWN TREAD (SWE8CRN) WHEELS WITH PRECISION BALL BEARINGS (AVAILABLE IN 70A, 950A, 60D)**							
	4	2	400	5-5/8	1-1/4	7	**4-71-SWE/8/CRN-P-0420-S**
	5	2	650	6-1/2	1-3/8	8	**4-71-SWE/8/CRN-P-0520-S**
	6	2	900	7-1/2	1-5/8	9	**4-71-SWE/8/CRN-P-0620-S**
	8	2	1000	10-1/8	1-3/4	10	**4-71-SWE/8/CRN-P-0820-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	700	5-5/8	1-11/16	5-3/4	**4-71-PY/AL-P-0420-S**
	5	2	1050	6-1/2	1-5/8	6	**4-71-PY/AL-P-0520-S**
	6	2	1230	7-1/2	1-3/4	6-1/4	**4-71-PY/AL-P-0620-S**
	8	2	1250	10-1/8	1-3/4	7-1/2	**4-71-PY/AL-P-0820-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	700	5-5/8	1-11/16	7-1/2	**4-71-PY/CA-P-0420-S**
	5	2	1050	6-1/2	1-5/8	7-1/2	**4-71-PY/CA-P-0520-S**
	6	2	1230	7-1/2	1-3/4	7-3/4	**4-71-PY/CA-P-0620-S**
	8	2	1250	10-1/8	1-3/4	8-1/2	**4-71-PY/CA-P-0820-S**

***Add "B" for Ball Bearings, "P" for Precision Bearings, "PL" for Plain Bearings, "R" for Roller Bearings or "T" for Tapered Bearings.**
All load ratings are for manual operation at 2 mph.
For rigid casters, change "S" to "R" (i.e. 4-71-CA-P-0320-**S** becomes 4-71-CA-P-0320-**R**)
All Rig Options should be added to the end of the part number. (i.e. 4-71-CA-P-0320-**SL** for Swivel Lock)
****Swivel-Eaz™ (Dual-in-One) available in 70A and 60D in both Flat Tread and Crown Tread. See Wheel Section.**

4-71HD SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1200 lbs.

- Single piece hot forged alloy steel top plate
- Integrally forged kingpin
- Forged lower raceway
- Sealed, double-ball raceways
- Precision raceways, CNC machined
- Induction hardened main raceways
- 1/4 in. thick legs robotically welded inside and outside
- 1/2 in. wheel axle
- Finish is zinc passivated or black
- Optional 4-position directional lock slots

Total Lock Leading Edge (TL/LE)

RIG OPTIONS

DL	4-Way Directional Lock
TL/LE	Total Lock / Leading Edge
WFB	Wheel Face Brake

MOUNTING PLATE

71 Standard

Top Plate Size: 4" x 4-1/2"

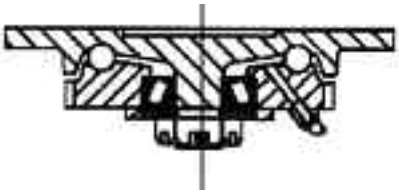
Bolt Hole Centers: 2-5/8" x 3-5/8" slotted to 3" x 3"

Attaching Bolt: 3/8"

Total Lock Leading Edge (TL/LE)

Directional Lock (DL)

SWIVEL CROSS SECTION



Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

4-71HD SERIES CASTER SPECIFICATIONS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Wheel Dia. (in)	Width (in)	OAH (in	Swivel Radius (in)	Cap. (lb)
CAST IRON (CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-CA-P-0420-S	4-71HD-CA-P-0420-R	4-71HD-CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	1000
4-71HD-CA-P-0520-S	4-71HD-CA-P-0520-R	4-71HD-CA-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	1200
4-71HD-CA-P-0620-S	4-71HD-CA-P-0620-R	4-71HD-CA-P-0620-S-TL/LE	6	2	7-1/2	5	1200
4-71HD-CA-P-0820-S	4-71HD-CA-P-0820-R	4-71HD-CA-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	1200
DUCTILE IRON (DU) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-DU-P-0420-S	4-71HD-DU-P-0420-R	4-71HD-DU-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	1200
4-71HD-DU-P-0520-S	4-71HD-DU-P-0520-R	4-71HD-DU-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	1200
4-71HD-DU-P-0620-S	4-71HD-DU-P-0620-R	4-71HD-DU-P-0620-S-TL/LE	6	2	7-1/2	5	1200
4-71HD-DU-P-0820-S	4-71HD-DU-P-0820-R	4-71HD-DU-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	1200
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-SE-P-0420-S	4-71HD-SE-P-0420-R	4-71HD-SE-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	800
4-71HD-SE-P-0520-S	4-71HD-SE-P-0520-R	4-71HD-SE-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	1100
4-71HD-SE-P-0620-S	4-71HD-SE-P-0620-R	4-71HD-SE-P-0620-S-TL/LE	6	2	7-1/2	5	1200
4-71HD-SE-P-0820-S	4-71HD-SE-P-0820-R	4-71HD-SE-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	1200
URETHANE / CAST IRON CORE (URY/CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-UR/CA-P-0420-S	4-71HD-UR/CA-P-0420-R	4-71HD-UR/CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	700
4-71HD-UR/CA-P-0520-S	4-71HD-UR/CA-P-0520-R	4-71HD-UR/CA-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	1000
4-71HD-UR/CA-P-0620-S	4-71HD-UR/CA-P-0620-R	4-71HD-UR/CA-P-0620-S-TL/LE	6	2	7-1/2	5	1200
4-71HD-UR/CA-P-0820-S	4-71HD-UR/CA-P-0820-R	4-71HD-UR/CA-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	1200
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-UR/HD/CA-P-0420-S	4-71HD-UR/HD/CA-P-0420-R	4-71HD-UR/HD/CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	775
4-71HD-UR/HD/CA-P-0520-S	4-71HD-UR/HD/CA-P-0520-R	4-71HD-UR/HD/CA-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	1200
4-71HD-UR/HD/CA-P-0620-S	4-71HD-UR/HD/CA-P-0620-R	4-71HD-UR/HD/CA-P-0620-S-TL/LE	6	2	7-1/2	5	1200
4-71HD-UR/HD/CA-P-0820-S	4-71HD-UR/HD/CA-P-0820-R	4-71HD-UR/HD/CA-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	1200
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-UR/CA/DT-P-0420-S	4-71HD-UR/CA/DT-P-0420-R	4-71HD-UR/CA/DT-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	775
4-71HD-UR/CA/DT-P-0520-S	4-71HD-UR/CA/DT-P-0520-R	4-71HD-UR/CA/DT-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	1050
4-71HD-UR/CA/DT-P-0620-S	4-71HD-UR/CA/DT-P-0620-R	4-71HD-UR/CA/DT-P-0620-S-TL/LE	6	2	7-1/2	5	1200
4-71HD-UR/CA/DT-P-0820-S	4-71HD-UR/CA/DT-P-0820-R	4-71HD-UR/CA/DT-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	1200
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-MR/CA-P-0420-S	4-71HD-MR/CA-P-0420-R	4-71HD-MR/CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	375
4-71HD-MR/CA-P-0520-S	4-71HD-MR/CA-P-0520-R	4-71HD-MR/CA-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	400
4-71HD-MR/CA-P-0620-S	4-71HD-MR/CA-P-0620-R	4-71HD-MR/CA-P-0620-S-TL/LE	6	2	7-1/2	5	450
4-71HD-MR/CA-P-0820-S	4-71HD-MR/CA-P-0820-R	4-71HD-MR/CA-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	550
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71HD-ER/CA-P-0420-S	4-71HD-ER/CA-P-0420-R	4-71HD-ER/CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/8	450
4-71HD-ER/CA-P-0520-S	4-71HD-ER/CA-P-0520-R	4-71HD-ER/CA-P-0520-S-TL/LE	5	2	6-1/2	4-1/4	550
4-71HD-ER/CA-P-0620-S	4-71HD-ER/CA-P-0620-R	4-71HD-ER/CA-P-0620-S-TL/LE	6	2	7-1/2	5	770
4-71HD-ER/CA-P-0820-S	4-71HD-ER/CA-P-0820-R	4-71HD-ER/CA-P-0820-S-TL/LE	8	2	10-1/8	6-1/8	1000

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number (i.e 4-71HD-UR/CA-P-0420-S-**WFB** for Wheel Face Brake)

(Continued on Next Page)

4-71HD SERIES CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WITH PRECISION BALL BEARING								
	3	2	700	5-1/8	2-7/16	1-1/8	6	4-71HD-SWE/9/FT-P-0320-S
	4	2	900	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/9/FT-P-0420-S
	5	2	1200	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/9/FT-P-0520-S
	6	2	1200	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/9/FT-P-0620-S
	8	2	1200	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/9/FT-P-0820-S
**SWIVEL-EAZ™ (DUAL-IN-ONE)™ URETHANE 95A / CROWN TREAD (SWE/9/CRN) WITH PRECISION BALL BEARING								
	3	2	400	5-1/8	2-7/16	1-1/8	6	4-71HD-SWE/9/CRN-P-0320-S
	4	2	500	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/9/CRN-P-0420-S
	5	2	800	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/9/CRN-P-0520-S
	6	2	1100	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/9/CRN-P-0620-S
	8	2	1200	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/9/CRN-P-0820-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WITH PRECISION BALL BEARING								
	3	2	560	5-1/8	2-7/16	1-1/8	6	4-71HD-SWE/8/FT-P-0320-S
	4	2	700	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/8/FT-P-0420-S
	5	2	1050	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/8/FT-P-0520-S
	6	2	1200	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/8/FT-P-0620-S
	8	2	1200	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/8/FT-P-0820-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / CROWN TREAD (SWE/8/CRN) WITH PRECISION BALL BEARING								
	3	2	320	5-1/8	2-7/16	1-1/8	6	4-71HD-SWE/8/CRN-P-0320-S
	4	2	400	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/8/CRN-P-0420-S
	5	2	650	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/8/CRN-P-0520-S
	6	2	900	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/8/CRN-P-0620-S
	8	2	1200	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/8/CRN-P-0820-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 70A / FLAT TREAD (SWE/7/FT) WITH PRECISION BALL BEARING								
	4	2	500	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/7/FT-P-0420-S
	5	2	700	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/7/FT-P-0520-S
	6	2	900	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/7/FT-P-0620-S
	8	2	1200	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/7/FT-P-0820-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 70A / CROWN TREAD (SWE/7/CRN) WITH PRECISION BALL BEARING								
	4	2	300	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/7/CRN-P-0420-S
	5	2	450	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/7/CRN-P-0520-S
	6	2	600	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/7/CRN-P-0620-S
	8	2	1100	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/7/CRN-P-0820-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 60D / FLAT TREAD (SWE/6/FT) WITH PRECISION BALL BEARING								
	4	2	1000	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/6/FT-P-0420-S
	5	2	1200	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/6/FT-P-0520-S
	6	2	1200	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/6/FT-P-0620-S
	8	2	1200	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/6/FT-P-0820-S
**SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 60D / CROWN TREAD (SWE/6/CRN) WITH PRECISION BALL BEARING								
	4	2	800	5-5/8	2-7/16	1-1/4	7	4-71HD-SWE/6/CRN-P-0420-S
	5	2	1050	6-1/2	2-7/16	1-3/8	8	4-71HD-SWE/6/CRN-P-0520-S
	6	2	1200	7-1/2	2-7/16	1-5/8	9	4-71HD-SWE/6/CRN-P-0620-S
	8	2	1200	10-1/8	2-7/16	1-3/4	10	4-71HD-SWE/6/CRN-P-0820-S

****Swivel-Eaz™ (Dual-in-One) available in 70A and 60D in both Flat Tread and Crown Tread. See Wheel Section.**

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

4-16K SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1400 lbs.

- 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
- 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**

SWIVEL RIG OPTIONS

Optional Overall Heights of 91/2 for 8" wheel diameter models add -01 to end of model number.

SLHOFI	Swivel Lock - Hand Operated Field Installable
SLFOFI	Swivel Lock - Foot Operated Field Installable

BRAKE OPTIONS

CB	Cam Brake
FBB	Face Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
Standard Top Plate			
16K	4” x 4 1/2”	3 5/8” x 2-5/8” slotted to 3” x 3”	3/8”
Optional Top Plates			
TP12	5” x 5 1/2”	4 1/8” x 4 1/2”	3/8”
TPJ	5” x 4”	4” x 3” slotted to 3 5/8” x 2 5/8”	3/8”
TPK	6 1/4” x 4 1/2”	5 1/4” x 3 3/8” slotted to 4 15/16” x 2 7/16”	1/2”

Add options to end of part number. (i.e. 4-16K-NY/MD-P-0420-S-TP12)

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-16K SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARING								
	4	2	1400	5-5/8	2-7/16	1-1/4	7	**4-16K-NY/MD-P-0420-S**
	5	2	1400	6-1/2	2-7/16	1-3/8	8	**4-16K-NY/MD-P-0520-S**
	6	2	1400	7-1/2	2-7/16	1-5/8	9	**4-16K-NY/MD-P-0620-S**
	8	2	1400	9-1/2	2-7/16	1-3/4	10	**4-16K-NY/MD-P-0820-S**
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARING								
	4	2	900	5-5/8	2-7/16	1-1/4	7	**4-16K-SE-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	8	**4-16K-SE-P-0520-S**
	6	2	1100	7-1/2	2-7/16	1-5/8	9	**4-16K-SE-P-0620-S**
	8	2	1200	9-1/2	2-7/16	1-3/4	10	**4-16K-SE-P-0820-S**
NYLON (NN) WHEELS WITH PRECISION BALL BEARING								
	4	2	800	5-5/8	2-7/16	1-1/4	6	**4-16K-NN-P-0420-S**
	5	2	900	6-1/2	2-7/16	1-3/8	7	**4-16K-NN-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	8	**4-16K-NN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	9	**4-16K-NN-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH PRECISION BALL BEARING								
	4	2	500	5-5/8	2-7/16	1-1/4	6	**4-16K-KR-P-0420-S**
	5	2	600	6-1/2	2-7/16	1-3/8	7	**4-16K-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	1-5/8	8	**4-16K-KR-P-0620-S**
	8	2	800	9-1/2	2-7/16	1-3/4	9	**4-16K-KR-P-0820-S**
EXTRATHANE® 92A / ALUMINUM CORE (UX/AL) WHEELS WITH PRECISION BALL BEARING								
	4	2	770	5-5/8	2-7/16	1-1/4	8	**4-16K-UX/AL-P-0420-S**
	5	2	990	6-1/2	2-7/16	1-3/8	9	**4-16K-UX/AL-P-0520-S**
	6	2	1100	7-1/2	2-7/16	1-5/8	10	**4-16K-UX/AL-P-0620-S**
	8	2	1400	9-1/2	2-7/16	1-3/4	11	**4-16K-UX/AL-P-0820-S**
EXTRATHANE® SOFT 80A / ALUMINUM CORE (UXS/AL) WHEELS WITH PRECISION BALL BEARING								
	4	2	660	5-5/8	2-7/16	1-1/4	8	**4-16K-UXS/AL-P-0420-S**
	5	2	770	6-1/2	2-7/16	1-3/8	9	**4-16K-UXS/AL-P-0520-S**
	6	2	1210	7-1/2	2-7/16	1-5/8	10	**4-16K-UXS/AL-P-0620-S**
	8	2	1400	9-1/2	2-7/16	1-3/4	11	**4-16K-UXS/AL-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	900	5-5/8	2-7/16	1-1/4	7	**4-16K-SWE/9/FT-P-0420-S**
	5	2	1400	6-1/2	2-7/16	1-3/8	8	**4-16K-SWE/9/FT-P-0520-S**
	6	2	1400	7-1/2	2-7/16	1-5/8	9	**4-16K-SWE/9/FT-P-0620-S**
	8	2	1400	9-1/2	2-7/16	1-3/4	10	**4-16K-SWE/9/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	700	5-5/8	2-7/16	1-1/4	7	**4-16K-SWE/8/FT-P-0420-S**
	5	2	1050	6-1/2	2-7/16	1-3/8	8	**4-16K-SWE/8/FT-P-0520-S**
	6	2	1400	7-1/2	2-7/16	1-5/8	9	**4-16K-SWE/8/FT-P-0620-S**
	8	2	1400	9-1/2	2-7/16	1-3/4	10	**4-16K-SWE/8/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	500	5-5/8	2-7/16	1-1/4	7	**4-16K-SWE/7/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	1-3/8	8	**4-16K-SWE/7/FT-P-0520-S**
	6	2	900	7-1/2	2-7/16	1-5/8	9	**4-16K-SWE/7/FT-P-0620-S**
	8	2	1400	9-1/2	2-7/16	1-3/4	10	**4-16K-SWE/7/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	1000	5-5/8	2-7/16	1-1/4	7	**4-16K-SWE/6/FT-P-0420-S**
	5	2	1400	6-1/2	2-7/16	1-3/8	8	**4-16K-SWE/6/FT-P-0520-S**
	6	2	1400	7-1/2	2-7/16	1-5/8	9	**4-16K-SWE/6/FT-P-0620-S**
	8	2	1400	9-1/2	2-7/16	1-3/4	10	**4-16K-SWE/6/FT-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-16K-NY-P-0420-**S** becomes 4-16K-NY-P-0420-**R**)

All Rig Options should be added to the end of the part number. (i.e. 4-16K-NY-P-0420-**SL** for Swivel Lock)

****Swivel-Eaz™ (Dual-in-One) available in 70A and 60D in both Flat Tread and Crown Tread. See Wheel Section.**

4-16KZT SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1250 lbs.

- Top Plate/Yoke Base: Cold formed from 1/4" steel plate. Yoke base is notched for factory or field-installable 4-position swivel lock
- Swivel Section: Precision sealed ball bearing eliminates need for routine maintenance
- Legs: 1/4" steel, formed to increase strength and welded on inside and outside of yoke base
- Axle: 1/2" diameter hollow axle complete with lock nut with straight roller and ball bearings
- Finish: All parts, except wheel, are yellow zinc plated.

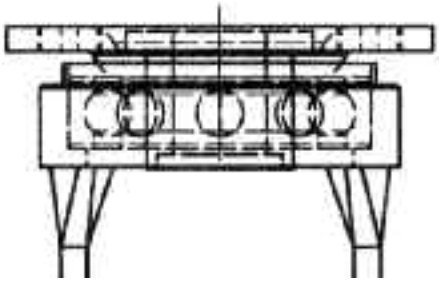
SWIVEL RIG OPTIONS

SLHOFI	Swivel Lock - Hand Operated Field Installable
SLFOFI	Swivel Lock - Foot Operated Field Installable

BRAKE OPTIONS

CB	Cam Brake
FBB	Face Brake
FCB	Face Contact Brake

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
16ZT	4" x 4 1/2"	2 5/8" x 3 5/8" slotted to 3" x 3"	3/8"
12ZT	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"
62ZT	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"

Add options to end of part number. (i.e. 4-16KZT-NY/MD-P-0420-S-TP12)

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-16KZT SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARING								
	4	2	1250	5-5/8	2-7/16	1-1/4	7	**4-16KZT-NY/MD-P-0420-S**
	5	2	1250	6-1/2	2-7/16	1-3/8	8	**4-16KZT-NY/MD-P-0520-S**
	6	2	1250	7-1/2	2-7/16	1-5/8	9	**4-16KZT-NY/MD-P-0620-S**
	8	2	1250	9-1/2	2-7/16	1-3/4	10	**4-16KZT-NY/MD-P-0820-S**
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARING								
	4	2	900	5-5/8	2-7/16	1-1/4	7	**4-16KZT-SE-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	8	**4-16KZT-SE-P-0520-S**
	6	2	1100	7-1/2	2-7/16	1-5/8	9	**4-16KZT-SE-P-0620-S**
	8	2	1200	9-1/2	2-7/16	1-3/4	10	**4-16KZT-SE-P-0820-S**
NYLON (NN) WHEELS WITH PRECISION BALL BEARING								
	4	2	800	5-5/8	2-7/16	1-1/4	6	**4-16KZT-NN-P-0420-S**
	5	2	900	6-1/2	2-7/16	1-3/8	7	**4-16KZT-NN-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	8	**4-16KZT-NN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	9	**4-16KZT-NN-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH PRECISION BALL BEARING								
	4	2	500	5-5/8	2-7/16	1-1/4	6	**4-16KZT-KR-P-0420-S**
	5	2	700	6-1/2	2-7/16	1-3/8	7	**4-16KZT-KR-P-0520-S**
	6	2	900	7-1/2	2-7/16	1-5/8	8	**4-16KZT-KR-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	9	**4-16KZT-KR-P-0820-S**
EXTRATHANE® 92A / ALUMINUM CORE (UX/AL) WHEELS WITH PRECISION BALL BEARING								
	4	2	1000	5-5/8	2-7/16	1-1/4	8	**4-16KZT-UX/AL-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	9	**4-16KZT-UX/AL-P-0520-S**
	6	2	1000	7-1/2	2-7/16	1-5/8	10	**4-16KZT-UX/AL-P-0620-S**
	8	2	1000	9-1/2	2-7/16	1-3/4	11	**4-16KZT-UX/AL-P-0820-S**
EXTRATHANE® SOFT 80A / ALUMINUM CORE (UXS/AL) WHEELS WITH PRECISION BALL BEARING								
	4	2	650	5-5/8	2-7/16	1-1/4	8	**4-16KZT-UXS/AL-P-0420-S**
	5	2	650	6-1/2	2-7/16	1-3/8	9	**4-16KZT-UXS/AL-P-0520-S**
	6	2	650	7-1/2	2-7/16	1-5/8	10	**4-16KZT-UXS/AL-P-0620-S**
	8	2	650	9-1/2	2-7/16	1-3/4	11	**4-16KZT-UXS/AL-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	900	5-5/8	2-7/16	1-1/4	7	**4-16KZT-SWE/9/FT-P-0420-S**
	5	2	1000	6-1/2	2-7/16	1-3/8	8	**4-16KZT-SWE/9/FT-P-0520-S**
	6	2	1200	7-1/2	2-7/16	1-5/8	9	**4-16KZT-SWE/9/FT-P-0620-S**
	8	2	1200	9-1/2	2-7/16	1-3/4	10	**4-16KZT-SWE/9/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	800	5-5/8	2-7/16	1-1/4	7	**4-16KZT-SWE/8/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	1-3/8	8	**4-16KZT-SWE/8/FT-P-0520-S**
	6	2	1200	7-1/2	2-7/16	1-5/8	9	**4-16KZT-SWE/8/FT-P-0620-S**
	8	2	1200	9-1/2	2-7/16	1-3/4	10	**4-16KZT-SWE/8/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	500	5-5/8	2-7/16	1-1/4	7	**4-16KZT-SWE/7/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	1-3/8	8	**4-16KZT-SWE/7/FT-P-0520-S**
	6	2	900	7-1/2	2-7/16	1-5/8	9	**4-16KZT-SWE/7/FT-P-0620-S**
	8	2	1200	9-1/2	2-7/16	1-3/4	10	**4-16KZT-SWE/7/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH PRECISION BALL BEARING (AVAILABLE IN CROWN TREAD)**								
	4	2	1000	5-5/8	2-7/16	1-1/4	7	**4-16KZT-SWE/6/FT-P-0420-S**
	5	2	1200	6-1/2	2-7/16	1-3/8	8	**4-16KZT-SWE/6/FT-P-0520-S**
	6	2	1200	7-1/2	2-7/16	1-5/8	9	**4-16KZT-SWE/6/FT-P-0620-S**
	8	2	1200	9-1/2	2-7/16	1-3/4	10	**4-16KZT-SWE/6/FT-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-16KZT-NY-P-0420-**S** becomes 4-16KZT-NY-P-0420-**R**)

All Rig Options should be added to the end of the part number. (i.e. 4-16KZT-NY-P-0420-**SL** for Swivel Lock)

****Swivel-Eaz™ (Dual-in-One) available in 70A and 60D in both Flat Tread and Crown Tread. See Wheel Section.**

04 Precision Kingpinless HD (w/ Adjustable Total Lock)

4-71KHD SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 2000 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision raceways, CNC machined 2-1/8 in. diameter with 5/16 in. balls
- Induction hardened raceway ensure uniform depth of hardness
- Totally sealed swivel head
- 1/4 in. thick formed legs robotically welded inside and outside to 2-1/2 in. fork spacing
- 1/2 in. wheel axle
- Finish is bright zinc plated

Total Lock Leading Edge (TL/LE)

RIG OPTIONS

DL	4-Way Directional Lock
TL/TE	Total Lock / Trailing Edge
TL/LE	Total Lock / Leading Edge
WFB	Wheel Face Brake

TL/LE (Power Towing)

TOP PLATE OPTIONS

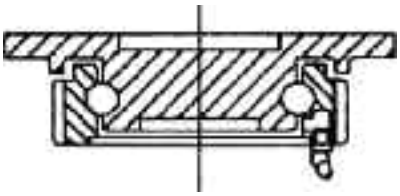
71KHD (Standard)

Top Plate: 4" x 4-1/2"
Bolt Hole Centers: 2-5/8" x 3-5/8" slotted to 3" x 3"
Attaching Bolt: 3/8"

72KHD (Optional)

Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-7/16" x 4-15/16" slotted to 3-5/8" x 5-1/4"
Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-71KHD SERIES CASTER SPECIFICATIONS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Dia. (in)	Width (in)	OAH (in	Swl. Radius (in)**	Cap. (lb)
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
4-71KHD-NY/MD-P-0420-S	4-71KHD-NY/MD-P-0420-R	4-71KHD-NY/MD-P-0420-S-TL/LE	4	2	5-5/8	3-9/16	1600
4-71KHD-NY/MD-P-0520-S	4-71KHD-NY/MD-P-0520-R	4-71KHD-NY/MD-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	2000
4-71KHD-NY/MD-P-0620-S	4-71KHD-NY/MD-P-0620-R	4-71KHD-NY/MD-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	2000
4-71KHD-NY/MD-P-0820-S	4-71KHD-NY/MD-P-0820-R	4-71KHD-NY/MD-P-0820-S-TL/LE	8	2	9-1/2	6	2000
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
4-71KHD-SE-P-0420-S	4-71KHD-SE-P-0420-R	4-71KHD-SE-P-0420-S-TL/LE	4	2	5-5/8	3-9/16	800
4-71KHD-SE-P-0520-S	4-71KHD-SE-P-0520-R	4-71KHD-SE-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	1100
4-71KHD-SE-P-0620-S	4-71KHD-SE-P-0620-R	4-71KHD-SE-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	1200
4-71KHD-SE-P-0820-S	4-71KHD-SE-P-0820-R	4-71KHD-SE-P-0820-S-TL/LE	8	2	9-1/2	6	1200
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
4-71KHD-SWE/8/FT-P-0420-S	4-71KHD-SWE/8/FT-P-0420-R	4-71KHD-SWE/8/FT-P-0420-S-FCB	4	2	5-5/8	3-9/16	700
4-71KHD-SWE/8/FT-P-0520-S	4-71KHD-SWE/8/FT-P-0520-R	4-71KHD-SWE/8/FT-P-0520-S-FCB	5	2	6-1/2	3-7/8	1050
4-71KHD-SWE/8/FT-P-0620-S	4-71KHD-SWE/8/FT-P-0620-R	4-71KHD-SWE/8/FT-P-0620-S-FCB	6	2	7-1/2	4-9/16	1400
4-71KHD-SWE/8/FT-P-0820-S	4-71KHD-SWE/8/FT-P-0820-R	4-71KHD-SWE/8/FT-P-0820-S-FCB	8	2	9-1/2	6	2000
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
4-71KHD-SWE/9/FT-P-0420-S	4-71KHD-SWE/9/FT-P-0420-R	4-71KHD-SWE/9/FT-P-0420-S-FCB	4	2	5-5/8	3-9/16	900
4-71KHD-SWE/9/FT-P-0520-S	4-71KHD-SWE/9/FT-P-0520-R	4-71KHD-SWE/9/FT-P-0520-S-FCB	5	2	6-1/2	3-7/8	1400
4-71KHD-SWE/9/FT-P-0620-S	4-71KHD-SWE/9/FT-P-0620-R	4-71KHD-SWE/9/FT-P-0620-S-FCB	6	2	7-1/2	4-9/16	1900
4-71KHD-SWE/9/FT-P-0820-S	4-71KHD-SWE/9/FT-P-0820-R	4-71KHD-SWE/9/FT-P-0820-S-FCB	8	2	9-1/2	6	2000

Nylacron™ (NY/MD, NY/HSB, NY/MC, NY/GL) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number.

All sizes available with Vulkollan™ tread wheels and precision ball bearings.

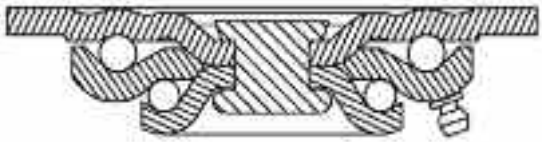
**** Swivel Radius with Total Lock:**

4" Diameter = 4"
5" Diameter = 4"
6" Diameter = 6"
8" Diameter = 6"

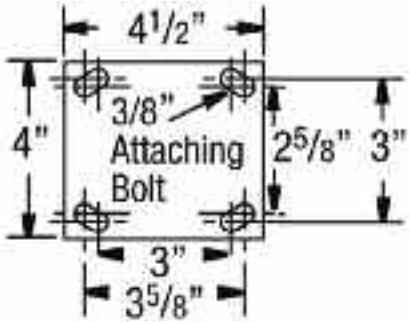
4-16/SA SHOCK ABSORBING CASTERS

Load Capacity Up to 500 lbs.

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



Alternate or custom caster configurations available



RIG OPTIONS

NS	Neoprene Sealed Swivel Section
ZF	Hollow Axle
SSB	Single Side Brake
DSB	Double Side Brake
SL	Swivel Lock

Top Plate

Top Plate: 4" x 4-1/2"
Bolt Hole Centers: 2-5/8" x 3-5/8"
slotted to 3" x 3"
Attaching Bolt: 3/8"

Typical Applications

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

4-16/SA SHOCK ABSORBING CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Bearing Part Number Add B, P, PL, R or T*
Polyurethane / Cast Iron Core (PI) with Roller Bearing							
	5	2	500	8	1-3/4	12	**4-16/SA-PI-R-0520-S**
	6	2	500	8-1/2	1-3/4	13	**4-16/SA-PI-R-0620-S**
	8	2	500	10-1/2	1-3/4	15	**4-16/SA-PI-R-0820-S**
Polyurethane / Aluminum Core / Flat Tread (PY/AL/FT) with Roller Bearing							
	5	2	500	8	1-3/4	8	**4-16/SA-PY/AL/FT-R-0520-S**
	6	2	500	8-1/2	1-3/4	9	**4-16/SA-PY/AL/FT-R-0620-S**
	8	2	500	10-1/2	1-3/4	10	**4-16/SA-PY/AL/FT-R-0820-S**
Polyurethane / Aluminum Core / Donut Tread (PY/AL/DT) with Precision Ball Bearing							
	5	2	500	8	1-3/4	11	**4-16/SA-PY/AL/DT-P-0520-S**
	6	2	500	8-1/2	1-3/4	12-1/2	**4-16/SA-PY/AL/DT-P-0620-S**
	8	2	500	10-1/2	1-3/4	13	**4-16/SA-PY/AL/DT-P-0820-S**
Polyurethane / Polypropylene Core (PY/PB) with Roller Bearing							
	5	2	500	8	1-3/4	11	**4-16/SA-PY/PB-R-0520-S**
	6	2	500	8-1/2	1-3/4	12-1/2	**4-16/SA-PY/PB-R-0620-S**
	8	2	500	10-1/2	1-3/4	13	**4-16/SA-PY/PB-R-0820-S**
Extra Soft / Flat Tread (XS/FT) with Roller Bearing							
	5	2	500	8	1-3/4	8	**4-16/SA-XS/FT-R-0520-S**
	6	2	500	8-1/2	1-3/4	8-1/2	**4-16/SA-XS/FT-R-0620-S**
	8	2	500	10-1/2	1-3/4	9-1/2	**4-16/SA-XS/FT-R-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

All load ratings are for manual operation at 2 mph.

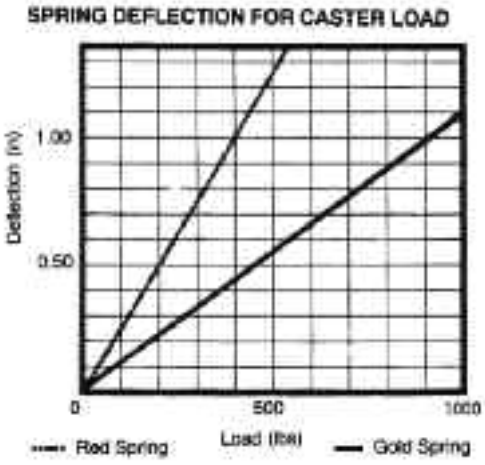
For rigid casters, change "S" to "R" (i.e. 4-16/SA-PB-R-0415-**S** becomes 4-16/SA-PB-R-0415-**R**)

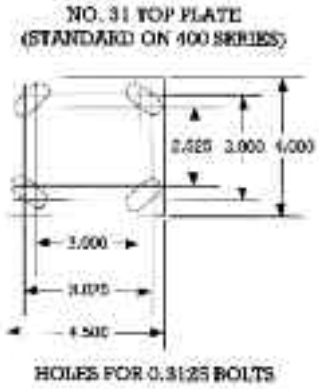
See Wheel Section 12 for other premium wheels to fit 2-1/2" hub length / 1/2" axle / nut.

4-16SL SHOCK ABSORBING CASTERS

- **OIL IMPREGNATED** lubricated sintered bearings for all moving parts
- **SEALED PRECISION BALL BEARINGS** in the wheel – permanently lubricated – for long life and low rolling resistance
- **SEALED SWIVEL ASSEMBLY** with grease fitting for ease of access
- **LOAD RATING 1,000 POUNDS** at maximum spring deflection
- **VARIOUS MOUNTING** plates and stems are available

This caster utilizes the low rolling resistance and low maintenance of the "SE" Wheel, with precision bearings in conjunction with the proper load spring. Ideal for pallet lift truck out-rigger casters.





WHEEL			CASTER *						
WHL DIA INS	TRD WIDTH INS	WHEEL TYPE	SWL RAD.	LOAD CAP LBS	OAH NO LOAD	OAH MAX LOAD	TAPERED BEARING 09	PRECISION BALL BRG 28	WT LBS
3"	2"	SOLID ELASTOMER - SE	3.50"	900	7.00"	6.00"		16SL-SE-03228*	6
4"	2"	SOLID ELASTOMER - SE	4.00"	900	7.50"	6.50"		16SL-SE-04228*	7
		NEOPRENE - NON MARKING - ND	4.00"	450	7.50"	6.50"		16SL-ND-04228*	7
5"	2"	SOLID ELASTOMER - SE	4.85"	1000	9.00"	8.00"		16SL-SE-05228*	8
		NEOPRENE - NON MARKING - ND	4.85"	500	9.00"	8.00"		16SL-ND-05228*	8
6"	2"	SOLID ELASTOMER - SE	5.30"	1000	9.50"	8.50"		16SL-SE-06228*	9
		NEOPRENE- NON MARKING - ND	5.30"	550	9.50"	8.50"		16SL-ND-06228*	9
8"	2"	SOLID ELASTOMER - SE	7.30"	800	11.50"	10.00"		16SL-SE-08228*	10
		NEOPRENE - NON MARKING - ND	7.30"	550	11.50"	10.00"		16SL-ND-08228*	10

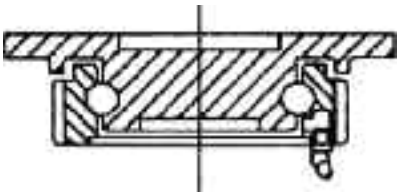
* = ADD " S " FOR SWIVEL / " R " FOR RIGID

4-71KHD/SA SHOCK ABSORBING CASTERS

Load Capacity Up to 1200 lbs.

- Single piece forged alloy steel top plate and fork base. Very strong kingpinless construction
- Precision CNC machined raceways
- Induction hardened raceways ensure swivel head longevity
- Totally sealed swivel head with grease nipple
- Strong elastomeric spring elements designed for specific load ranges ensure uniform cushion effect through the load range. Unlike stiff steel spring elements that do not react at lower loads and are effective on low-load or empty trolleys.
- Specific elastomeric spring elements are available to suit different load ranges
- Strong 1/4 in. thick fabricated construction of forks robotically welded inside and outside
- 1/2 in. wheel axle
- Finish is zinc plated, ROHS compliant or black polymer color-coated

SWIVEL CROSS SECTION



RIG OPTIONS

DL	4-Way Directional Lock
FCB	Face Contact Brake

Top Plate Options

TP1 (Standard)
Top Plate: 4" x 4-1/2"
Bolt Hole Centers: 2-5/8" x 3-5/8" slotted to 3" x 3"
Attaching Bolt: 3/8"

Face Contact Brake (FCB)

Directional Lock (DL)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

4-71KHD/SA SHOCK ABSORBING CASTER SPECIFICATIONS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (FCB)*	Dia. (in)	Width (in)	OAH (in	Swl. Rad. (in)	Cap. (lb)
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
4-71KHD/SA-SE-P-0520-S	4-71KHD/SA-SE-P-0520-R	4-71KHD/SA-SE-P-0520-S-FCB	5	2	6-1/4	5-5/8	1100
4-71KHD/SA-SE-P-0620-S	4-71KHD/SA-SE-P-0620-R	4-71KHD/SA-SE-P-0620-S-FCB	6	2	7-1/4	6-1/8	1200
4-71KHD/SA-SE-P-0820-S	4-71KHD/SA-SE-P-0820-R	4-71KHD/SA-SE-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
4-71KHD/SA-UR/CA/DT-P-0520-S	4-71KHD/SA-UR/CA/DT-P-0520-R	4-71KHD/SA-UR/CA/DT-P-0520-S-FCB	5	2	6-1/4	5-5/8	1000
4-71KHD/SA-UR/CA/DT-P-0620-S	4-71KHD/SA-UR/CA/DT-P-0620-R	4-71KHD/SA-UR/CA/DT-P-0620-S-FCB	6	2	7-1/4	6-1/8	1200
4-71KHD/SA-UR/CA/DT-P-0820-S	4-71KHD/SA-UR/CA/DT-P-0820-R	4-71KHD/SA-UR/CA/DT-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71KHD/SA-UR/CA-P-0520-S	4-71KHD/SA-UR/CA-P-0520-R	4-71KHD/SA-UR/CA-P-0520-S-FCB	5	2	6-1/4	5-5/8	775
4-71KHD/SA-UR/CA-P-0620-S	4-71KHD/SA-UR/CA-P-0620-R	4-71KHD/SA-UR/CA-P-0620-S-FCB	6	2	7-1/4	6-1/8	1000
4-71KHD/SA-UR/CA-P-0820-S	4-71KHD/SA-UR/CA-P-0820-R	4-71KHD/SA-UR/CA-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71KHD/SA-UR/HD/CA-P-0520-S	4-71KHD/SA-UR/HD/CA-P-0520-R	4-71KHD/SA-UR/HD/CA-P-0520-S-FCB	5	2	6-1/4	5-5/8	1200
4-71KHD/SA-UR/HD/CA-P-0620-S	4-71KHD/SA-UR/HD/CA-P-0620-R	4-71KHD/SA-UR/HD/CA-P-0620-S-FCB	6	2	7-1/4	6-1/8	1200
4-71KHD/SA-UR/HD/CA-P-0820-S	4-71KHD/SA-UR/HD/CA-P-0820-R	4-71KHD/SA-UR/HD/CA-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
4-71KHD/SA-SWE/7/FT-P-0520-S	4-71KHD/SA-SWE/7/FT-P-0520-R	4-71KHD/SA-SWE/7/FT-P-0520-S-FCB	5	2	6-1/4	5-5/8	700
4-71KHD/SA-SWE/7/FT-P-0620-S	4-71KHD/SA-SWE/7/FT-P-0620-R	4-71KHD/SA-SWE/7/FT-P-0620-S-FCB	6	2	7-1/4	6-1/8	900
4-71KHD/SA-SWE/7/FT-P-0820-S	4-71KHD/SA-SWE/7/FT-P-0820-R	4-71KHD/SA-SWE/7/FT-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
4-71KHD/SA-SWE/8/FT-P-0520-S	4-71KHD/SA-SWE/8/FT-P-0520-R	4-71KHD/SA-SWE/8/FT-P-0520-S-FCB	5	2	6-1/4	5-5/8	1050
4-71KHD/SA-SWE/8/FT-P-0620-S	4-71KHD/SA-SWE/8/FT-P-0620-R	4-71KHD/SA-SWE/8/FT-P-0620-S-FCB	6	2	7-1/4	6-1/8	1200
4-71KHD/SA-SWE/8/FT-P-0820-S	4-71KHD/SA-SWE/8/FT-P-0820-R	4-71KHD/SA-SWE/8/FT-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
4-71KHD/SA-SWE/9/FT-P-0520-S	4-71KHD/SA-SWE/9/FT-P-0520-R	4-71KHD/SA-SWE/9/FT-P-0520-S-FCB	5	2	6-1/4	5-5/8	800
4-71KHD/SA-SWE/9/FT-P-0620-S	4-71KHD/SA-SWE/9/FT-P-0620-R	4-71KHD/SA-SWE/9/FT-P-0620-S-FCB	6	2	7-1/4	6-1/8	1100
4-71KHD/SA-SWE/9/FT-P-0820-S	4-71KHD/SA-SWE/9/FT-P-0820-R	4-71KHD/SA-SWE/9/FT-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
4-71KHD/SA-SWE/6/FT-P-0520-S	4-71KHD/SA-SWE/6/FT-P-0520-R	4-71KHD/SA-SWE/6/FT-P-0520-S-FCB	5	2	6-1/4	5-5/8	1200
4-71KHD/SA-SWE/6/FT-P-0620-S	4-71KHD/SA-SWE/6/FT-P-0620-R	4-71KHD/SA-SWE/6/FT-P-0620-S-FCB	6	2	7-1/4	6-1/8	1200
4-71KHD/SA-SWE/6/FT-P-0820-S	4-71KHD/SA-SWE/6/FT-P-0820-R	4-71KHD/SA-SWE/6/FT-P-0820-S-FCB	8	2	9-3/8	7-1/8	1200
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
4-71KHD/SA-ER/CA-P-0520-S	4-71KHD/SA-UR/CA-P-0520-R	4-71KHD/SA-UR/CA-P-0520-S-FCB	5	2	6-1/4	5-5/8	600
4-71KHD/SA-ER/CA-P-0620-S	4-71KHD/SA-ER/CA-P-0620-R	4-71KHD/SA-ER/CA-P-0620-S-FCB	6	2	7-1/4	6-1/8	750
4-71KHD/SA-ER/CA-P-0820-S	4-71KHD/SA-ER/CA-P-0820-R	4-71KHD/SA-ER/CA-P-0820-S-FCB	8	2	9-3/8	7-1/8	1000

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number (i.e 4-71KHD/SA-UR/CA/DT-P-0520-S-**WFB** for Wheel Face Brake)

4-16SS SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1000 lbs.

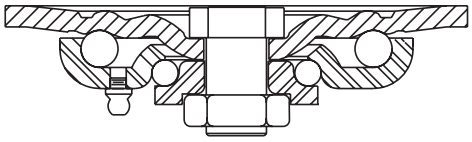
- Stainless Steel Double Ball Raceway: Formed smooth for easy swivel action w/ Stainless Steel balls. Type 304 Stainless Steel
- Zerk Fitting: In the swivel section and head of the axle bolt.
- SS Kingpin and Nut: 5/8" diameter
- Top Plate & Legs: Formed from 1/4" SS.
- Stainless Steel Axle & Stainless Steel Lock Nut: 1/2” w/ & w/o SS zerk. Note: zerk not necessary w/ Precision Ball Bearing wheels

Stainless Steel Swivel Caster (also shown with Cam Brake)

RIG OPTIONS

Cam Style Brake	Add SS/CB16BSS to ordering number
4 Position Swivel Lock	Add SS/SL16BSS to ordering number
Round and Threaded Stems	Add SS + type stem and length to ordering number.
Optional Top Plates	See below. Specify top plate size

SWIVEL CROSS SECTION



STAINLESS STEEL STEMS

RS34	3/4" x 4" Round
RS7/8	7/8" x 4" Round
RS10	1" x 4" Round
RS114	1-1/4" x 4" Round
TS34	3/4" - 10 x 4" Threaded Stem
HO58	5/8” Hole only with no stem

Additional SS Atems Available. Consult Acorn™

Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

MOUNTING PLATE (SWIVEL & RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
16BSS (Standard)	4” x 4 1/2” slotted to 3” x 3”	2 5/8” x 3 5/8”	3/8”
TP62	4 1/2” x 6 1/4” slotted to 3 3/8” x 5 1/4”	2 1/16” x 4 15/16”	3/8”
TP12	5” x 5 1/2”	4 1/8” x 4 1/2”	3/8”
TPISO	4 1/2” x 5 1/2” slotted to 3 5/16” x 3 7/8”	2 3/13” x 3 7/8”	3/8”
TPK5	5 3/4” x 4 1/2” slotted to 3 1/8” x 4 9/16”	2 1/2” x 4 1/8”	3/8”
TPPFI	5 5/16” x 6 11/16”	4 1/8” x 5 1/2”	3/8”

Add options to end of part number. (i.e. 4-16F-NY/MD-P-0420-S-TPJ)

4-16SS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	3	2	400	4-3/8	2-7/16	2-1/2	**4-16SS-SE-P-0320-S**
	4	2	700	5-5/8	2-7/16	3-9/16	**4-16SS-SE-P-0420-S**
	5	2	750	6-1/2	2-7/16	4-1/4	**4-16SS-SE-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**4-16SS-SE-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**4-16SS-SE-P-0820-S**
NYLACRON™ MD (NY/MD) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	3	2	1000	4-3/8	2-7/16	2-1/2	**4-16SS-NY/MD-P-0320-S**
	4	2	1000	5-5/8	2-7/16	3-9/16	**4-16SS-NY/MD-P-0420-S**
	5	2	1000	6-1/2	2-7/16	4-1/4	**4-16SS-NY/MD-P-0520-S**
	6	2	1000	7-1/2	2-7/16	5	**4-16SS-NY/MD-P-0620-S**
	8	2	1000	9-1/2	2-7/16	6-1/4	**4-16SS-NY/MD-P-0820-S**
PHENOLIC (TM) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	800				**4-16SS-TM-P-0420-S**
	5	2	900	6-1/2	2-7/16	4-1/4	**4-16SS-TM-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**4-16SS-TM-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**4-16SS-TM-P-0820-S**
HIGH TEMPERATURE (TR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	700	5-5/8	2-7/16	3-9/16	**4-16SS-TR-P-0420-S**
	5	2	900	6-1/2	2-7/16	4-1/4	**4-16SS-TR-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**4-16SS-TR-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**4-16SS-TR-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	700	5-5/8	2-7/16	3-9/16	**4-16SS-KR-P-0420-S**
	5	2	600	6-1/2	2-7/16	4-1/4	**4-16SS-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	5	**4-16SS-KR-P-0620-S**
	8	2	750	9-1/2	2-7/16	6-1/4	**4-16SS-KR-P-0820-S**
NYLON FIBERGLASS / HEATEATER (HE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	3-9/16	**4-16SS-HE-P-0420-S**
	5	2	700	6-1/2	2-7/16	4-1/4	**4-16SS-HE-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**4-16SS-HE-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**4-16SS-HE-P-0820-S**
NYLON (NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	3-9/16	**4-16SS-NN-P-0420-S**
	5	2	700	6-1/2	2-7/16	4-1/4	**4-16SS-NN-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**4-16SS-NN-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**4-16SS-NN-P-0820-S**
STAINLESS STEEL (SS) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	600	5-5/8	2-7/16	3-9/16	**4-16SS-SS-P-0420-S**
	5	2	800	6-1/2	2-7/16	4-1/4	**4-16SS-SS-P-0520-S**
	6	2	1000	7-1/2	2-7/16	5	**4-16SS-SS-P-0620-S**
	8	2	1000	9-1/2	2-7/16	6-1/4	**4-16SS-SS-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-16SS-SE-P-0320-**S** becomes 4-16SS-SE-P-0320-**R**)

All Rig Options should be added to the end of the part number. (i.e. 4-16SS-SE-P-0320-**SL** for Swivel Lock)

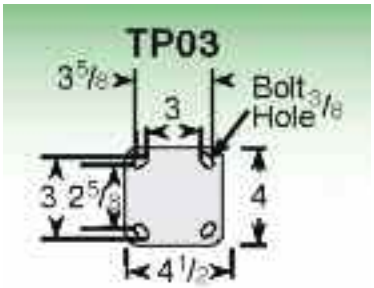
4-16MPSS/TL — CONSTRUCTION FEATURES

Load Capacity Up to 900 lbs.

- Constructed of stainless steel, giving you the quality necessary for most medical and pharmaceutical applications at an affordable price.
- Fork legs, top plate and yoke base are made of 1/4" thick 304 polished stainless steel for added corrosion protection
- Total Lock brake models lock both brake and swivel
- Dual Ball Swivel Raceways for added strength
- Swivel seals are standard for added protection
- Stainless axles provided with grease fitting
- Grease fitting in swivel raceway

APPLICATIONS

- Food Service
- Case Carts
- Utility Carts
- Medical Equipment
- Institutional Equipment
- Laboratory Equipment
- Animal Cages
- Pharmecutical Equipment



Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-16MPSS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	900	5-1/4	2-7/16	1-1/2	**4-16MPSS-NY/MD-P-0320-S**
	4	2	900	5-5/8	2-7/16	1-1/2	**4-16MPSS-NY/MD-P-0420-S**
	5	2	900	6-1/2	2-7/16	2	**4-16MPSS-NY/MD-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16MPSS-NY/MD-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16MPSS-NY/MD-P-0820-S**
NYLACRON™ MONOCAST (NY/MC) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	900	5-1/4	2-7/16	1-1/2	**4-16MPSS-NY/MC-P-0320-S**
	4	2	900	5-5/8	2-7/16	1-1/2	**4-16MPSS-NY/MC-P-0420-S**
	5	2	900	6-1/2	2-7/16	2	**4-16MPSS-NY/MC-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16MPSS-NY/MC-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16MPSS-NY/MC-P-0820-S**
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	500	5-1/4	2-7/16	1-1/2	**4-16MPSS-SE-P-0320-S**
	4	2	700	5-5/8	2-7/16	1-1/2	**4-16MPSS-SE-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-16MPSS-SE-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16MPSS-SE-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16MPSS-SE-P-0820-S**
POLYOLEFIN (PO) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-16MPSS-PO-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-16MPSS-PO-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-16MPSS-PO-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16MPSS-PO-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-16MPSS-KR-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-16MPSS-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-16MPSS-KR-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16MPSS-KR-P-0820-S**
NYLON (NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	700	5-5/8	2-7/16	1-1/2	**4-16MPSS-NN-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-16MPSS-NN-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16MPSS-NN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	2-1/4	**4-16MPSS-NN-P-0820-S**
STAINLESS STEEL (SS) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	800	5-5/8	2-7/16	1-1/2	**4-16MPSS-SS-P-0420-S**
	5	2	900	6-1/2	2-7/16	2	**4-16MPSS-SS-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16MPSS-SS-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16MPSS-SS-P-0820-S**
THERMOPLASTIC URETHANE (TPU) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	5	2	440	6-1/2	2-7/16	2	**4-16MPSS-TPU-P-0520-S**
	6	2	660	7-1/2	2-7/16	2-3/16	**4-16MPSS-TPU-P-0620-S**
	8	2	880	9-1/2	2-7/16	2-1/4	**4-16MPSS-TPU-P-0820-S**
ELASTIC RUBBER / NYLON CORE (ER/B/NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	6	2	550	7-1/2	2-7/16	2-3/16	**4-16MPSS-ER/B/NN-P-0620-S**
	8	2	660	9-1/2	2-7/16	2-1/4	**4-16MPSS-ER/B/NN-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For Total Lock Swivel casters, change "16MSS" to "16MSS/TL" (i.e. 4-16MPSS-NY-P-0320-**S** to 4-16MSS/TL-NY-P-0320-**S**)

For rigid casters, change "S" to "R" (i.e. 4-16MPSS-NY-P-0320-**S** becomes 4-16MPSS-NY-P-0320-**R**)

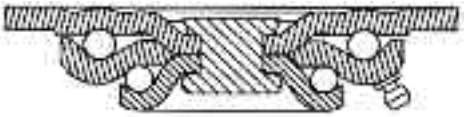
All Rig Options should be added to the end of the part number. (i.e. 4-16MPSS-NY-P-0320-**SL** for Swivel Lock)

4-16PSS SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1200 lbs.

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

SWIVEL CROSS SECTION



RIG OPTIONS

SSB05	Stainless Steel single side brake
CB	Stainless Steel Cam Brake
SL	Swivel Lock
SSII	Neoprene sealed swivel section
ZF06	Stainless steel hollow axle for plain bore, oilex or delrin applications
ZB03	Stainless steel roller bearing
NSF	Listed for food industry. Request listing.

MOUNTING PLATE (SWIVEL & RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	4” x 4 1/2” slotted to 3” x 3”	2 5/8” x 3 5/8”	3/8”

Add options to end of part number. (i.e. 4-16PSS-NY/MD-P-0420-S-TPJ)

Stainless Steel Cam Brake (CB05)

Stainless Steel Single Side (SSB)

Face Brake (FBD)

Swivel Lock Welded (L)

Swivel Lock Field Installable (SL)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-16PSS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	1200	5-1/4	2-7/16	1-1/2	**4-16PSS-NY/MD-P-0320-S**
	4	2	1200	5-5/8	2-7/16	1-1/2	**4-16PSS-NY/MD-P-0420-S**
	5	2	1200	6-1/2	2-7/16	2	**4-16PSS-NY/MD-P-0520-S**
	6	2	1200	7-1/2	2-7/16	2-3/16	**4-16PSS-NY/MD-P-0620-S**
	8	2	1200	9-1/2	2-7/16	2-1/4	**4-16PSS-NY/MD-P-0820-S**
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	500	5-1/4	2-7/16	1-1/2	**4-16PSS-SE-P-0320-S**
	4	2	700	5-5/8	2-7/16	1-1/2	**4-16PSS-SE-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-16PSS-SE-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16PSS-SE-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16PSS-SE-P-0820-S**
POLYOLEFIN (PO) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-16PSS-PO-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-16PSS-PO-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-16PSS-PO-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16PSS-PO-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-16PSS-KR-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-16PSS-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-16PSS-KR-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-16PSS-KR-P-0820-S**
NYLON (NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	700	5-5/8	2-7/16	1-1/2	**4-16PSS-NN-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-16PSS-NN-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16PSS-NN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	2-1/4	**4-16PSS-NN-P-0820-S**
STAINLESS STEEL (SS) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	800	5-5/8	2-7/16	1-1/2	**4-16PSS-SS-P-0420-S**
	5	2	900	6-1/2	2-7/16	2	**4-16PSS-SS-P-0520-S**
	6	2	1000	7-1/2	2-7/16	2-3/16	**4-16PSS-SS-P-0620-S**
	8	2	1200	9-1/2	2-7/16	2-1/4	**4-16PSS-SS-P-0820-S**
THERMOPLASTIC URETHANE (TPU) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	5	2	440	6-1/2	2-7/16	2	**4-16PSS-TPU-P-0520-S**
	6	2	660	7-1/2	2-7/16	2-3/16	**4-16PSS-TPU-P-0620-S**
	8	2	880	9-1/2	2-7/16	2-1/4	**4-16PSS-TPU-P-0820-S**
ELASTIC RUBBER BLUE / NYLON CORE (ER/B/NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	6	2	550	7-1/2	2-7/16	2-3/16	**4-16PSS-ER/B/NN-P-0620-S**
	8	2	660	9-1/2	2-7/16	2-1/4	**4-16PSS-ER/B/NN-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**
All load ratings are for manual operation at 2 mph.
For rigid casters, change "S" to "R" (i.e. 4-16PSS-NY-P-0320-**S** becomes 4-16PSS-NY-P-0320-**R**)
All Rig Options should be added to the end of the part number. (i.e. 4-16PSS-NY-P-0320-**SL** for Swivel Lock)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-16K/PSS SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1400 lbs.

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

SWIVEL RIG OPTIONS

SLHOFI Swivel Lock - Hand Operated Field Installable

Optional Overall Heights of 91/2" for 8" wheel diameter models add -01 to end of model number.

BRAKE OPTIONS

FBB	Face Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
16KSS	4” x 4 1/2”	3 5/8” x 3” slotted to 3” x 2 5/8”	3/8”
TPD	5” x 5 1/2”	4 1/2” x 4 1/2”	3/8”
TPJ	5” x 4”	4” x 3” slotted to 3 5/8” x 2 5/8”	3/8”
TPK	4 1/2” x 6 1/4”	5 1/4” x 3 3/8” slotted to 4 15/16” x 2 7/16”	1/2”

Add options to end of part number. (i.e. 4-16F-NY/MD-P-0420-S-TPJ)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-16K/PSS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MONOCAST (NY/MC) WITH STAINLESS STEEL PRECISION BEARING							
	3	2	1400	5-1/4	2-7/16	1-1/2	**4-16K/PSS-NY/MC-P-0320-S**
	4	2	1400	5-5/8	2-7/16	1-1/2	**4-16K/PSS-NY/MC-P-0420-S**
	5	2	1400	6-1/2	2-7/16	2	**4-16K/PSS-NY/MC-P-0520-S**
	6	2	1400	7-1/2	2-7/16	2-3/16	**4-16K/PSS-NY/MC-P-0620-S**
	8	2	1400	10-1/8	2-7/16	2-1/4	**4-16K/PSS-NY/MC-P-0820-S**
SOLID ELASTOMER (SE) WITH STAINLESS STEEL PRECISION BEARING							
	3	2	500	5-1/4	2-7/16	1-1/2	**4-16K/PSS-SE-P-0320-S**
	4	2	700	5-5/8	2-7/16	1-1/2	**4-16K/PSS-SE-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-16K/PSS-SE-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16K/PSS-SE-P-0620-S**
	8	2	900	10-1/8	2-7/16	2-1/4	**4-16K/PSS-SE-P-0820-S**
POLYOLEFIN (PO) WITH STAINLESS STEEL PRECISION BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-16K/PSS-PO-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-16K/PSS-PO-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-16K/PSS-PO-P-0620-S**
	8	2	900	10-1/8	2-7/16	2-1/4	**4-16K/PSS-PO-P-0820-S**
KRYPTONIC™ (KR) WITH STAINLESS STEEL PRECISION BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-16K/PSS-KR-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-16K/PSS-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-16K/PSS-KR-P-0620-S**
	8	2	900	10-1/8	2-7/16	2-1/4	**4-16K/PSS-KR-P-0820-S**
NYLON (NN) WITH STAINLESS STEEL PRECISION BEARING							
	4	2	700	5-5/8	2-7/16	1-1/2	**4-16K/PSS-NN-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-16K/PSS-NN-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-16K/PSS-NN-P-0620-S**
	8	2	1000	10-1/8	2-7/16	2-1/4	**4-16K/PSS-NN-P-0820-S**
STAINLESS STEEL (SS) WITH STAINLESS STEEL PRECISION BEARING							
	4	2	800	5-5/8	2-7/16	1-1/2	**4-16K/PSS-SS-P-0420-S**
	5	2	900	6-1/2	2-7/16	2	**4-16K/PSS-SS-P-0520-S**
	6	2	1000	7-1/2	2-7/16	2-3/16	**4-16K/PSS-SS-P-0620-S**
	8	2	1200	10-1/8	2-7/16	2-1/4	**4-16K/PSS-SS-P-0820-S**
THERMOPLASTIC URETHANE (TPU) WITH STAINLESS STEEL PRECISION BEARING							
	5	2	440	6-1/2	2-7/16	2	**4-16K/PSS-TPU-P-0520-S**
	6	2	660	7-1/2	2-7/16	2-3/16	**4-16K/PSS-TPU-P-0620-S**
	8	2	880	10-1/8	2-7/16	2-1/4	**4-16K/PSS-TPU-P-0820-S**
ELASTIC RUBBER BLUE / NYLON CORE (ER/B/NN) WITH STAINLESS STEEL PRECISION BEARING							
	6	2	550	7-1/2	2-7/16	2-3/16	**4-16K/PSS-ER/B/NN-P-0620-S**
	8	2	660	10-1/8	2-7/16	2-1/4	**4-16K/PSS-ER/B/NN-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-16K/PSS-NY-P-0320-**S** becomes 4-16K/PSS-NY-P-0320-**R**)

All Rig Options should be added to the end of the part number. (i.e. 4-16K/PSS-NY-P-0320-**SL** for Swivel Lock)

4-71KHD/PSS — CONSTRUCTION FEATURES

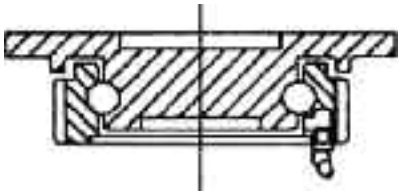
Load Capacity Up to 2000 lbs.

- Fabricated AISI 304 stainless steel top plate and fork base. Type 304 Polished Stainless Steel
- Precision CNC machined raceways
- Totally sealed swivel head with grease nipple
- 1/4 in. thick formed legs robotically welded inside and outside to 2-1/2 in. fork spacing
- 1/2 in. wheel axle
- All materials stainless steel
- Finish is polished bright or bead blasted

RIG OPTIONS

DL	4-Way Directional Lock
TL/TE	Total Lock / Trailing Edge
WFB	Wheel Face Brake

SWIVEL CROSS SECTION



Top Plate

71 (Standard)
Top Plate: 4" x 4-1/2"
Bolt Hole Centers: 2-5/8" x 3-5/8" slotted to 3" x 3"
Attaching Bolt: 3/8"

TL/TE

Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

4-71KHD/PSS SERIES CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	2000	5-1/4	2-7/16	1-1/2	**4-71KHD/PSS-NY/MD-P-0320-S**
	4	2	2000	5-5/8	2-7/16	1-1/2	**4-71KHD/PSS-NY/MD-P-0420-S**
	5	2	2000	6-1/2	2-7/16	2	**4-71KHD/PSS-NY/MD-P-0520-S**
	6	2	2000	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-NY/MD-P-0620-S**
	8	2	2000	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-NY/MD-P-0820-S**
NYLACRON™ MONOCAST (NY/MC) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	400	5-1/4	2-7/16	1-1/2	**4-71KHD/PSS-NY/MC-P-0320-S**
	4	2	800	5-5/8	2-7/16	1-1/2	**4-71KHD/PSS-NY/MC-P-0420-S**
	5	2	900	6-1/2	2-7/16	2	**4-71KHD/PSS-NY/MC-P-0520-S**
	6	2	1000	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-NY/MC-P-0620-S**
	8	2	1200	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-NY/MC-P-0820-S**
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	3	2	500	5-1/4	2-7/16	1-1/2	**4-71KHD/PSS-SE-P-0320-S**
	4	2	700	5-5/8	2-7/16	1-1/2	**4-71KHD/PSS-SE-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-71KHD/PSS-SE-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-SE-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-SE-P-0820-S**
POLYOLEFIN (PO) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-71KHD/PSS-PO-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-71KHD/PSS-PO-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-PO-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-PO-P-0820-S**
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	500	5-5/8	2-7/16	1-1/2	**4-71KHD/PSS-KR-P-0420-S**
	5	2	650	6-1/2	2-7/16	2	**4-71KHD/PSS-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-KR-P-0620-S**
	8	2	900	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-KR-P-0820-S**
NYLON (NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	700	5-5/8	2-7/16	1-1/2	**4-71KHD/PSS-NN-P-0420-S**
	5	2	800	6-1/2	2-7/16	2	**4-71KHD/PSS-NN-P-0520-S**
	6	2	900	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-NN-P-0620-S**
	8	2	1000	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-NN-P-0820-S**
STAINLESS STEEL (SS) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	4	2	800	5-5/8	2-7/16	1-1/2	**4-71KHD/PSS-SS-P-0420-S**
	5	2	900	6-1/2	2-7/16	2	**4-71KHD/PSS-SS-P-0520-S**
	6	2	1000	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-SS-P-0620-S**
	8	2	1200	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-SS-P-0820-S**
THERMOPLASTIC URETHANE (TPU) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	5	2	440	6-1/2	2-7/16	2	**4-71KHD/PSS-TPU-P-0520-S**
	6	2	660	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-TPU-P-0620-S**
	8	2	880	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-TPU-P-0820-S**
ELASTIC RUBBER / NYLON CORE (ER/B/NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARING							
	6	2	550	7-1/2	2-7/16	2-3/16	**4-71KHD/PSS-ER/B/NN-P-0620-S**
	8	2	660	9-1/2	2-7/16	2-1/4	**4-71KHD/PSS-ER/B/NN-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 4-71KHD/PSS-NY-P-0320-**S** becomes 4-71KHD/PSS-NY-P-0320-**R**)

All Rig Options should be added to the end of the part number. (i.e. 4-71KHD/PSS-NY-P-0320-**SL** for Swivel Lock)

Heavy Duty – INDEX

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Series	Caster Type	Page #
5-61	Kingpin - Cold Forged	2-4
5-62	Kingpin - Cold Forged	5-6
5-72	Kingpin - Hot Forged	7-8
5-72HD	Kingpin - Hot Forged (w/ Total Lock)	9-10
5-78ZT	Kingpin - Precision Swivel - Yellow Zinc (w/ Adjustable Total Lock)	11-12
5-72K	Kingpinless - Hot Forged	13-14
5-72KHD	Kingpinless HD - Forged Steel (w/ Adjustable Total Lock)	15-16
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5-62SS	Kingpin - Stainless Steel	21-22
5-72K/PSS	Kingpinless - Polished Stainless Steel	23-24

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products

www.acornindprod.com

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:

70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Tread Types: CR: Crown or FT: Flat Tread

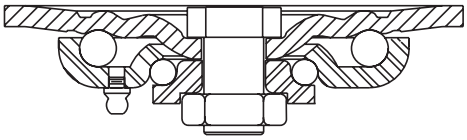
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

5-61 SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1500 lbs.

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

SWIVEL CROSS SECTION



RIG OPTIONS

SLW	Swivel Lock Welded
SLHOFI	Swivel Lock - Hand Operated Field Installable

BRAKE OPTIONS

CB	Cam Brake	**FBB**	Face Brake
SSB	Single Side Brake	**DSB**	Double Side Brake

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
61	5" x 5 1/2"	4 1/8" x 4 1/2"	3/8"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

5-61 CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	4	1-1/2	1400	5-5/8	1-5/16	8-1/4	**5-61-FS-R-0425-S**
	5	1-3/4	1500	6-1/2	1-1/2	10-1/4	**5-61-FS-R-0527-S**
	6	2	1500	7-1/2	1-3/4	1-1/4	**5-61-FS-R-0620-S**
DUCTILE IRON / CROWN TREAD (DU/CR) WHEELS WITH ROLLER BEARINGS							
	5	2	1500	6-1/2	1-1/2	10-1/4	**5-61-DU/CR-R-0520-S**
	6	2	1500	7-1/2	1-3/4	11	**5-61-DU/CR-R-0620-S**
	8	2	1500	10-1/8	1-3/4	14-1/2	**5-61-DU/CR-R-0820-S**
HEAVY DUTY CAST IRON (CA/HD) WHEELS WITH ROLLER BEARINGS							
	5	2	1500	6-1/2	1-1/2	10-1/4	**5-61-CA/HD-R-0520-S**
	6	2	1500	7-1/2	1-3/4	11	**5-61-CA/HD-R-0620-S**
	8	2	1500	10-1/8	1-3/4	14-1/2	**5-61-CA/HD-R-0820-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	2	1000	5-5/8	1-5/16	8-1/4	**5-61-CA-R-0420-S**
	5	2	1300	6-1/2	1-1/2	9-1/4	**5-61-CA-R-0520-S**
	6	2	1400	7-1/2	1-3/4	11-1/4	**5-61-CA-R-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	13	**5-61-CA-R-0625-S**
	8	2	1500	10-1/8	1-3/4	14-1/2	**5-61-CA-R-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	16	**5-61-CA-R-0825-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	1500	5-5/8	1-5/16	8-1/4	**5-61-NY/MD-P-0420-S**
	5	2	1500	6-1/2	1-1/2	8-3/4	**5-61-NY/MD-P-0520-S**
	6	2	1500	7-1/2	1-3/4	11	**5-61-NY/MD-P-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	12	**5-61-NY/MD-P-0625-S**
	8	2	1500	10-1/8	1-3/4	14	**5-61-NY/MD-P-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	15	**5-61-NY/MD-P-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	16	**5-61-NY/MD-P-1025-S**
NYLON FIBERGLASS (NG) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	1-5/16	6-1/4	**5-61-NG-P-0420-S**
	5	2	1000	6-1/2	1-1/2	6-3/4	**5-61-NG-P-0520-S**
	6	2	1200	7-1/2	1-3/4	7-3/4	**5-61-NG-P-0620-S**
	8	2	1400	10-1/8	1-3/4	9-1/4	**5-61-NG-P-0820-S**
	10	2-1/2	1500	11-1/2	1-3/4	11-1/4	**5-61-NG-P-1025-S**
NYLON FIBERGLASS / NOISE REDUCTION (NG/NR) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	800	5-5/8	1-5/16	6-1/4	**5-61-NG/NR-P-0420-S**
	5	2	1000	6-1/2	1-1/2	6-3/4	**5-61-NG/NR-P-0520-S**
	6	2	1200	7-1/2	1-3/4	7-3/4	**5-61-NG/NR-P-0620-S**
	8	2	1400	10-1/8	1-3/4	9-1/4	**5-61-NG/NR-P-0820-S**
	10	2-1/2	1500	11-1/2	1-3/4	11-1/4	**5-61-NG/NR-P-1025-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	4	2	800	5-5/8	1-5/16	6-1/4	**5-61-TM-R-0420-S**
	5	2	1000	6-1/2	1-1/2	6-3/4	**5-61-TM-R-0520-S**
	6	2	1200	7-1/2	1-3/4	7-3/4	**5-61-TM-R-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	9	**5-61-TM-R-0625-S**
	8	2	1400	10-1/8	1-3/4	9-1/2	**5-61-TM-R-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	11-1/4	**5-61-TM-R-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	13	**5-61-TM-R-1025-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	700	5-5/8	1-5/16	8-1/4	**5-61-PY/CA-P-0420-S**
	5	2	1000	6-1/2	1-1/2	8-3/4	**5-61-PY/CA-P-0520-S**
	6	2	1200	7-1/2	1-3/4	11	**5-61-PY/CA-P-0620-S**
	6	2-1/2	1200	7-1/2	1-3/4	11	**5-61-PY/CA-P-0625-S**
	8	2	1500	10-1/8	1-3/4	14	**5-61-PY/CA-P-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	14	**5-61-PY/CA-P-0825-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1500	7-1/2	1-3/4	13	**5-61-PY/CA-P-0625-S**
	8	2-1/2	1500	10-1/8	1-3/4	16	**5-61-PY/CA-P-0825-S**
(Continued on Next Page)	10	2-1/2	1500	11-1/2	1-3/4	17	**5-61-PY/CA-P-1025-S**

5-61 CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / ALUMINUM CORE / DONUT TREAD (PY/AL/DT) WHEELS WITH PRECISION BALL BEARINGS							
	5	2	1000	6-1/2	1-1/2	8-1/4	**5-61-PY/AL/DT-P-0520-S**
	6	2	1250	7-1/2	1-3/4	8-1/4	**5-61-PY/AL/DT-P-0620-S**
	8	2	1500	10-1/8	1-3/4	8-1/2	**5-61-PY/AL/DT-P-0820-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	700	5-5/8	1-5/16	6-1/2	**5-61-PY/AL-P-0420-S**
	5	2	1050	6-1/2	1-1/2	6-1/2	**5-61-PY/AL-P-0520-S**
	6	2	1230	7-1/2	1-3/4	7-1/4	**5-61-PY/AL-P-0620-S**
	8	2	1500	10-1/8	1-3/4	8-1/2	**5-61-PY/AL-P-0820-S**
HEAVY DUTY MOLDON RUBBER / CAST IRON CORE (MH/CA) WHEELS WITH PRECISION BALL BEARINGS							
	5	2	700	6-1/2	1-1/2	7-1/2	**5-61-MH/CA-P-0520-S**
	6	2	820	7-1/2	1-3/4	9-1/2	**5-61-MH/CA-P-0620-S**
	8	2	1000	10-1/8	1-3/4	9-1/4	**5-61-MH/CA-P-0820-S**
	8	2-1/2	1300	10-1/8	1-3/4	14-1/2	**5-61-MH/CA-P-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	18-1/4	**5-61-MH/CA-P-1025-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	300	5-5/8	1-5/16	6-1/2	**5-61-MR/CA-P-0420-S**
	5	2	450	6-1/2	1-1/2	7-1/2	**5-61-MR/CA-P-0520-S**
	6	2	500	7-1/2	1-3/4	9-1/2	**5-61-MR/CA-P-0620-S**
	6	2-1/2	700	7-1/2	1-3/4	12	**5-61-MR/CA-P-0625-S**
	8	2	600	10-1/8	1-3/4	9-1/4	**5-61-MR/CA-P-0820-S**
	8	2-1/2	850	10-1/8	1-3/4	14-1/2	**5-61-MR/CA-P-0825-S**
	10	2-1/2	950	11-1/2	1-3/4	18-1/4	**5-61-MR/CA-P-1025-S**
MOLDON RUBBER / ALUMINUM CORE (MR/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	400	5-5/8	1-5/16	6	**5-61-MR/AL-P-0420-S**
	5	2	500	6-1/2	1-1/2	7	**5-61-MR/AL-P-0520-S**
	6	2	550	7-1/2	1-3/4	9	**5-61-MR/AL-P-0620-S**
	8	2	600	10-1/8	1-3/4	10	**5-61-MR/AL-P-0820-S**
X-TRA SOFT / DONUT TREAD (XR/DT) WHEELS WITH PRECISION BALL BEARINGS							
	6	2	450	7-1/2	1-3/4	8-1/4	**5-61-XR/DT-P-0620-S**
	8	2	600	10-1/8	1-3/4	9-1/4	**5-61-XR/DT-P-0820-S**
X-TRA SOFT / FLAT TREAD (XS/FT) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	350	5-5/8	1-5/16	6-1/2	**5-61-XS/FT-P-0420-S**
	5	2	375	6-1/2	1-1/2	7-3/8	**5-61-XS/FT-P-0520-S**
	6	2	600	7-1/2	1-3/4	8-1/4	**5-61-XS/FT-P-0620-S**
	8	2	675	10-1/8	1-3/4	9-1/4	**5-61-XS/FT-P-0820-S**
PNEUMATIC (SF) WHEELS WITH PEDESTAL BEARINGS							
	6	2	200	7-1/2	1-3/4	6-1/4	**5-61-SF-P-0620-S**
	8	2	210	10-1/8	1-3/4	7-1/4	**5-61-SF-P-0820-S**

***Add "B" for Ball Bearings, "P" for Precision Bearings, "PL" for Plain Bearings, "R" for Roller Bearings or "T" for Tapered Bearings.**
All Rig Options should be added to the end of the part number. (i.e. 5-61-PB-P-0415-**SL** for Swivel Lock)
This Series is available with Swivel-SAZ™ (Dual-in-One) Wheels, Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.
See Wheel Section for additional information.
All load ratings are for manual operation at 2 mph.

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

5-62 SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1500 lbs.

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

SWIVEL CROSS SECTION

RIG OPTIONS

SLW	Swivel Lock Welded
SLFI	Swivel Lock Field Installable
NS62	Neoprene Sealed Swivel Section
IW62	Inside Weld
TG62	Thread Guards
ZF07	Hollow axle for oilex and delrin applications specify (For up to 2" wide wheels)
NSF	Listed for food service industry

BRAKE OPTIONS

CB	Cam Brake
FBB	Face Brake
SSB	Single Side Brake
DSB	Double Side Brake
SLHOFI	Swivel Lock - Hand Operated Field Installable

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
62 (Standard)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"

OPTIONAL OVERALL HEIGHTS

Wheel Diameter	OAH	Swivel Lead
6"	7-3/4"	1-3/4"
8"	9-1/2"	2-1/4"
8"	9-3/4"	1-3/4"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

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The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

5-62 CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	4	1-1/2	1400	5-5/8	1-5/16	8-1/4	**5-62-FS-R-0425-S**
	5	1-3/4	1500	6-1/2	1-1/2	10-1/4	**5-62-FS-R-0527-S**
	6	2	1500	7-1/2	1-3/4	1-1/4	**5-62-FS-R-0620-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	2	1000	5-5/8	1-5/16	8-1/4	**5-62-CA-R-0420-S**
	5	2	1300	6-1/2	1-1/2	9-1/4	**5-62-CA-R-0520-S**
	6	2	1400	7-1/2	1-3/4	11-1/4	**5-62-CA-R-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	13	**5-62-CA-R-0625-S**
	8	2	1500	10-1/8	1-3/4	14-1/2	**5-62-CA-R-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	16	**5-62-CA-R-0825-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	1500	5-5/8	1-5/16	8-1/4	**5-62-NY/MD-P-0420-S**
	5	2	1500	6-1/2	1-1/2	8-3/4	**5-62-NY/MD-P-0520-S**
	6	2	1500	7-1/2	1-3/4	11	**5-62-NY/MD-P-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	12	**5-62-NY/MD-P-0625-S**
	8	2	1500	10-1/8	1-3/4	14	**5-62-NY/MD-P-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	15	**5-62-NY/MD-P-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	16	**5-62-NY/MD-P-1025-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	4	2	800	5-5/8	1-5/16	6-1/4	**5-62-TM-R-0420-S**
	5	2	1000	6-1/2	1-1/2	6-3/4	**5-62-TM-R-0520-S**
	6	2	1200	7-1/2	1-3/4	7-3/4	**5-62-TM-R-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	9	**5-62-TM-R-0625-S**
	8	2	1400	10-1/8	1-3/4	9-1/2	**5-62-TM-R-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	11-1/4	**5-62-TM-R-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	13	**5-62-TM-R-1025-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1500	7-1/2	1-3/4	13	**5-62-PY/CA-P-0625-S**
	8	2-1/2	1500	10-1/8	1-3/4	16	**5-62-PY/CA-P-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	17	**5-62-PY/CA-P-1025-S**
POLYURETHANE / ALUMINUM CORE / DONUT TREAD (PY/AL/DT) WHEELS WITH PRECISION BALL BEARINGS							
	5	2	1000	6-1/2	1-1/2	8-1/4	**5-62-PY/AL/DT-P-0520-S**
	6	2	1250	7-1/2	1-3/4	8-1/4	**5-62-PY/AL/DT-P-0620-S**
	8	2	1500	10-1/8	1-3/4	8-1/2	**5-62-PY/AL/DT-P-0820-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	2	700	5-5/8	1-5/16	6-1/2	**5-62-PY/AL-P-0420-S**
	5	2	1050	6-1/2	1-1/2	6-1/2	**5-62-PY/AL-P-0520-S**
	6	2	1230	7-1/2	1-3/4	7-1/4	**5-62-PY/AL-P-0620-S**
	8	2	1500	10-1/8	1-3/4	8-1/2	**5-62-PY/AL-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / CROWN TREAD (SWE/9/CRN) WHEELS WITH PRECISION BALL BEARINGS**							
	4	2	1000	5-5/8	1-1/4	7	**5-62-SWE/9/CRN-P-0420-S**
	5	2	1100	6-1/2	1-3/8	8	**5-62-SWE/9/CRN-P-0520-S**
	6	2	1200	7-1/2	1-5/8	9	**5-62-SWE/9/CRN-P-0620-S**
	8	2	1200	10-1/8	1-3/4	10	**5-62-SWE/9/CRN-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / CROWN TREAD (SWE/8/CRN) WHEELS WITH PRECISION BALL BEARINGS**							
	4	2	500	5-5/8	1-1/4	7	**5-62-SWE/8/CRN-P-0420-S**
	5	2	700	6-1/2	1-3/8	8	**5-62-SWE/8/CRN-P-0520-S**
	6	2	1200	7-1/2	1-5/8	9	**5-62-SWE/8/CRN-P-0620-S**
	8	2	1200	10-1/8	1-3/4	10	**5-62-SWE/8/CRN-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
All Rig Options should be added to the end of the part number. (i.e. 5-62-PB-R-0415-**SL** for Swivel Lock)
This Series is available with Swivel-SAZ™ (Dual-in-One) Wheels, Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.
See Wheel Section for additional information. All load ratings are for manual operation at 2 mph.

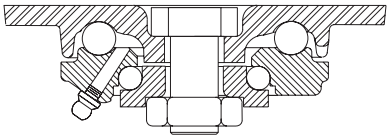
****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

5-72 SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1600 lbs.

- Top Plate: Rugged AISI 1045 Forged Steel for maximum strength
- Swivel Section: Double ball bearing coined "deep-groove" load and machined component thrust raceways
- Legs: 1/4" steel, engineered to increase strength and welded construction
- King Bolt: 3/4" diameter heat treated bolt and nut for enhanced load capacity
- Axle: 1/2" diameter, hollow, with lock nut. Solid axle on Delrin, precision ball, and Oilex bearings
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle
- **Alternate or Custom Caster Configurations Available**

SWIVEL CROSS SECTION



RIG OPTIONS

NSS	Neoprene Sealed Swivel Section
NSF	Listed for Food Service Industry
SLW	Swivel Lock Welded
SLHOFI	Swivel Lock - Hand Operated Field Installable
HT02	Heat Treated Raceway
ZF07	Hollow Axle

BRAKE OPTIONS

CB	Cam Brake
PCB	Poly Cam Brake
SSB	Single Side Brake
DSB	Double Side Brake
WB72	Wrap Around Brake

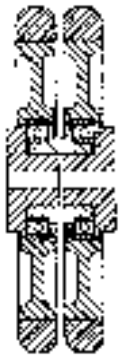
MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
72 (Standard)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
D	5" x 5 1/2"	4 1/8" x 4 1/2"	3/8"
W	4 1/2" x 7 1/4"	3 1/4" x 6"	1/2"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application (NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

5-72 CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARING							
	4	1-1/2	1400	5-5/8	1-5/16	8-1/4	**5-72-FS-R-0425-S**
	5	1-3/4	1500	6-1/2	1-1/2	10-1/4	**5-72-FS-R-0527-S**
	6	2	1500	7-1/2	1-3/4	1-1/4	**5-72-FS-R-0620-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARING							
	4	2	1000	5-5/8	1-5/16	8-1/4	**5-72-CA-R-0420-S**
	5	2	1300	6-1/2	1-1/2	9-1/4	**5-72-CA-R-0520-S**
	6	2	1400	7-1/2	1-3/4	11-1/4	**5-72-CA-R-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	13	**5-72-CA-R-0625-S**
	8	2	1500	10-1/8	1-3/4	14-1/2	**5-72-CA-R-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	16	**5-72-CA-R-0825-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARING							
	4	2	1600	5-5/8	1-5/16	8-1/4	**5-72-NY/MD-P-0420-S**
	5	2	1600	6-1/2	1-1/2	8-3/4	**5-72-NY/MD-P-0520-S**
	6	2	1600	7-1/2	1-3/4	11	**5-72-NY/MD-P-0620-S**
	6	2-1/2	1600	7-1/2	1-3/4	12	**5-72-NY/MD-P-0625-S**
	8	2	1600	10-1/8	1-3/4	14	**5-72-NY/MD-P-0820-S**
	8	2-1/2	1600	10-1/8	1-3/4	15	**5-72-NY/MD-P-0825-S**
	10	2-1/2	1600	11-1/2	1-3/4	16	**5-72-NY/MD-P-1025-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARING							
	4	2	800	5-5/8	1-5/16	6-1/4	**5-72-TM-R-0420-S**
	5	2	1000	6-1/2	1-1/2	6-3/4	**5-72-TM-R-0520-S**
	6	2	1200	7-1/2	1-3/4	7-3/4	**5-72-TM-R-0620-S**
	6	2-1/2	1500	7-1/2	1-3/4	9	**5-72-TM-R-0625-S**
	8	2	1400	10-1/8	1-3/4	9-1/2	**5-72-TM-R-0820-S**
	8	2-1/2	1500	10-1/8	1-3/4	11-1/4	**5-72-TM-R-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	13	**5-72-TM-R-1025-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARING							
	6	2-1/2	1500	7-1/2	1-3/4	13	**5-72-PY/CA-P-0625-S**
	8	2-1/2	1500	10-1/8	1-3/4	16	**5-72-PY/CA-P-0825-S**
	10	2-1/2	1500	11-1/2	1-3/4	17	**5-72-PY/CA-P-1025-S**
POLYURETHANE / ALUMINUM CORE / DONUT TREAD (PY/AL/DT) WHEELS WITH PRECISION BALL BEARING							
	5	2	1000	6-1/2	1-1/2	8-1/4	**5-72-PY/AL/DT-P-0520-S**
	6	2	1250	7-1/2	1-3/4	8-1/4	**5-72-PY/AL/DT-P-0620-S**
	8	2	1500	10-1/8	1-3/4	8-1/2	**5-72-PY/AL/DT-P-0820-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARING							
	4	2	700	5-5/8	1-5/16	6-1/2	**5-72-PY/AL-P-0420-S**
	5	2	1050	6-1/2	1-1/2	6-1/2	**5-72-PY/AL-P-0520-S**
	6	2	1230	7-1/2	1-3/4	7-1/4	**5-72-PY/AL-P-0620-S**
	8	2	1500	10-1/8	1-3/4	8-1/2	**5-72-PY/AL-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARING**							
	4	2	1000	5-5/8	1-1/4	7	**4-16M-SWE/9/FT-P-0420-S**
	5	2	1100	6-1/2	1-3/8	8	**4-16M-SWE/9/FT-P-0520-S**
	6	2	1200	7-1/2	1-5/8	9	**4-16M-SWE/9/FT-P-0620-S**
	8	2	1200	10-1/8	1-3/4	10	**4-16M-SWE/9/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARING**							
	4	2	500	5-5/8	1-1/4	7	**4-16M-SWE/8/FT-P-0420-S**
	5	2	700	6-1/2	1-3/8	8	**4-16M-SWE/8/FT-P-0520-S**
	6	2	1200	7-1/2	1-5/8	9	**4-16M-SWE/8/FT-P-0620-S**
	8	2	1200	10-1/8	1-3/4	10	**4-16M-SWE/8/FT-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
For rigid casters, change "S" to "R" (i.e. 5-72-PB-R-0415-**S** becomes 5-72-PB-R-0415-**R**)
All Rig Options should be added to the end of the part number. (i.e. 5-72-PB-R-0415-**SL** for Swivel Lock)
This Series is available with Swivel-SAZ™ (Dual-in-One) Wheels, Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.
See Wheel Section for additional information. All load ratings are for manual operation at 2 mph.

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

5-72HD — CONSTRUCTION FEATURES

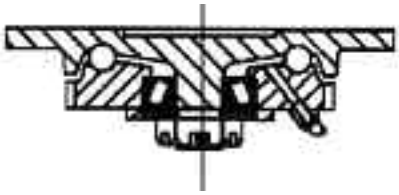
Load Capacity Up to 2,000 lbs.

- Single piece hot forged alloy steel top plate
- Integrally forged kingpin
- Forged alloy steel fork base
- Precision raceways, CNC machined: 3-1/4 in. diameter with 7/16 in. diameter balls
- Secondary load bearing: 3/4 in. bore tapered roller bearing for superior swiveling and perfect swivel head alignment
- Integrally forged 3/4 in. diameter kingpin UNF threaded with slotted nut arrangement for fine adjustment of swivel movements
- 1/4 in. thick x 2-1/4 in. legs cylindrically formed and robotically welded inside and outside to 2-1/2 in. fork spacing
- 1/2 in. wheel axle
- Finish is bright zinc plated or polymer painted (black)
- Optional 4-position directional lock slots and hardened raceways

Total Lock (TL)

Directional Lock (DL)

SWIVEL CROSS SECTION



RIG OPTIONS

DL	4-Way Directional Lock
TL/LE	Total Lock / Leading Edge
WFB	Wheel Face Brake

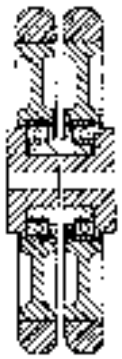
TOP PLATE OPTIONS

(Standard)
Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-7/16" x 4-15/16" slotted to 3-5/8" x 5-1/4"
Attaching Bolt: 1/2"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.
The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

5-72HD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Wheel Dia. (in)	Width (in)	OAH (in	Swivel Radius (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-FS-P-0420-S	5-72HD-FS-P-0420-R	5-72HD-FS-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	1800
5-72HD-FS-P-0520-S	5-72HD-FS-P-0520-R	5-72HD-FS-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	2000
5-72HD-FS-P-0620-S	5-72HD-FS-P-0620-R	5-72HD-FS-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	2000
5-72HD-FS-P-0820-S	5-72HD-FS-P-0820-R	5-72HD-FS-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	2000
DUCTILE IRON (DU) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-DU-P-0420-S	5-72HD-DU-P-0420-R	5-72HD-DU-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	1500
5-72HD-DU-P-0520-S	5-72HD-DU-P-0520-R	5-72HD-DU-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	1550
5-72HD-DU-P-0620-S	5-72HD-DU-P-0620-R	5-72HD-DU-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	2000
5-72HD-DU-P-0820-S	5-72HD-DU-P-0820-R	5-72HD-DU-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	2000
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-SE-P-0420-S	5-72HD-SE-P-0420-R	5-72HD-SE-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	850
5-72HD-SE-P-0520-S	5-72HD-SE-P-0520-R	5-72HD-SE-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	1100
5-72HD-SE-P-0620-S	5-72HD-SE-P-0620-R	5-72HD-SE-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	1500
5-72HD-SE-P-0820-S	5-72HD-SE-P-0820-R	5-72HD-SE-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	1750
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-NY/MD-P-0420-S	5-72HD-NY/MD-P-0420-R	5-72HD-NY/MD-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	1800
5-72HD-NY/MD-P-0520-S	5-72HD-NY/MD-P-0520-R	5-72HD-NY/MD-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	2000
5-72HD-NY/MD-P-0620-S	5-72HD-NY/MD-P-0620-R	5-72HD-NY/MD-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	2000
5-72HD-NY/MD-P-0820-S	5-72HD-NY/MD-P-0820-R	5-72HD-NY/MD-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	2000
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-UR/CA/DT-P-0420-S	5-72HD-UR/CA/DT-P-0420-R	5-72HD-UR/CA/DT-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	775
5-72HD-UR/CA/DT-P-0520-S	5-72HD-UR/CA/DT-P-0520-R	5-72HD-UR/CA/DT-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	1000
5-72HD-UR/CA/DT-P-0620-S	5-72HD-UR/CA/DT-P-0620-R	5-72HD-UR/CA/DT-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	1250
5-72HD-UR/CA/DT-P-0820-S	5-72HD-UR/CA/DT-P-0820-R	5-72HD-UR/CA/DT-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	1700
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-UR/HD/CA-P-0420-S	5-72HD-UR/HD/CA-P-0420-R	5-72HD-UR/HD/CA-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	900
5-72HD-UR/HD/CA-P-0520-S	5-72HD-UR/HD/CA-P-0520-R	5-72HD-UR/HD/CA-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	1200
5-72HD-UR/HD/CA-P-0620-S	5-72HD-UR/HD/CA-P-0620-R	5-72HD-UR/HD/CA-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	1650
5-72HD-UR/HD/CA-P-0820-S	5-72HD-UR/HD/CA-P-0820-R	5-72HD-UR/HD/CA-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	2000
POLYURETHANE / CAST IRON (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-PY/CA-P-0420-S	5-72HD-PY/C-P-0420-R	5-72HD-PY/C-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	700
5-72HD-PY/CA-P-0520-S	5-72HD-PY/C-P-0520-R	5-72HD-PY/C-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	1000
5-72HD-PY/CA-P-0620-S	5-72HD-PY/C-P-0620-R	5-72HD-PY/C-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	1200
5-72HD-PY/CA-P-0820-S	5-72HD-PY/C-P-0820-R	5-72HD-PY/C-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	1500
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARINGS**							
5-72HD-SWE/9/FT-P-0420-S	5-72HD-SWE/9/FT-P-0420-R	5-72HD-SWE/9/FT-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	1000
5-72HD-SWE/9/FT-P-0520-S	5-72HD-SWE/9/FT-P-0520-R	5-72HD-SWE/9/FT-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	1100
5-72HD-SWE/9/FT-P-0620-S	5-72HD-SWE/9/FT-P-0620-R	5-72HD-SWE/9/FT-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	1200
5-72HD-SWE/9/FT-P-0820-S	5-72HD-SWE/9/FT-P-0820-R	5-72HD-SWE/9/FT-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	1200
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
5-72HD-ER/CA-P-0420-S	5-72HD-ER/CA-P-0420-R	5-72HD-ER/CA-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	460
5-72HD-ER/CA-P-0520-S	5-72HD-ER/CA-P-0520-R	5-72HD-ER/CA-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	600
5-72HD-ER/CA-P-0620-S	5-72HD-ER/CA-P-0620-R	5-72HD-ER/CA-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	775
5-72HD-ER/CA-P-0820-S	5-72HD-ER/CA-P-0820-R	5-72HD-ER/CA-P-0820-S-TL/LE	8	2	10-1/8	6-9/16	1000

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**
This Series is available with Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.
See Wheel Section for additional information. All load ratings are for manual operation at 2 mph.

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

5-78ZT SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 2,500 lbs.

- Top Plate and Fork Base: Heavy duty steel construction with welded-in integral king pin secured with castle nut.
- Swivel Load Bearings: In the swivel section and in the head of the axle bolt.
- Top Plate Skirt Design: with seals insures dust and splash protection of the bearing units.
- Fork Legs: 1/4" thick steel formed to increase strength and welded yoke both inside and outside for added strength.
- Lubrication: Zerk fitting in swivel section
- Axle: 1/2" dia., solid with lock nut
- Fork Leg Spacing: 2 7/16"
- Finish: Yellow zinc dichromate for extra environmental protection

Nylacron™ Wheel
Yellow Zinc Swivel
with Total Lock Brake

RIG OPTIONS

SL/WB78 Swivel lock wheel brake combination is extra heavy duty construction and can lock the swivel in any position with its unique design.

Pevopur™ Wheel
(95A Premium Urethane)
Yellow Zinc Swivel
with Total Lock Brake

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
78 (Standard)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"

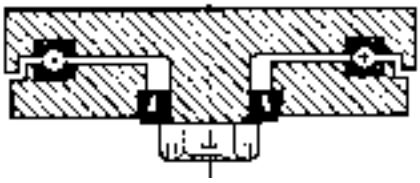
Nylacron™ Wheels

Nylacron™ MD and Nylacron™ MC Monocast Wheels with Precision Ball Bearings for Any Application.

Nylacron™ wheels with proper sized Precision Bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Pevosoft™ Wheel
(80A Premium Urethane)
Yellow Zinc Swivel
with Total Lock Brake

SWIVEL CROSS SECTION



5-78ZT CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Power Cap. (lbs.)	Man. Cap. (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Radius (mm.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BEARING								
	5	2	2100	1400	7 1/4	2 7/16	50	**5-78ZT-NY/MD-P-0520-S**
	6	2	2200	1500	8	2 7/16	55	**5-78ZT-NY/MD-P-0620-S**
	8	2	2500	1600	9 1/2	2 7/16	60	**5-78ZT-NY/MD-P-0820-S**
VULKOLLAN™ 92A / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BEARING								
	5	2	1200	1000	7 1/4	2 7/16	50	**5-78ZT-VU/CA-P-0520-S**
	6	2	1500	1100	8	2 7/16	55	**5-78ZT-VU/CA-P-0620-S**
	8	2	2200	1400	9 1/2	2 7/16	60	**5-78ZT-VU/CA-P-0820-S**
URETHANE (PEVOPUR™) 92A / CAST IRON CORE (UR9/CA) WHEELS WITH PRECISION BEARING								
	5	2	1200	1000	7 1/4	2 7/16	50	**5-78ZT-UR9/CA-P-0520-S**
	6	2	1500	1100	8	2 7/16	55	**5-78ZT-UR9/CA-P-0620-S**
	8	2	2200	1400	9 1/2	2 7/16	60	**5-78ZT-UR9/CA-P-0820-S**
URETHANE (PEVOSOFT™) 80A / CAST IRON CORE (UR8/CA) WHEELS WITH PRECISION BEARING								
	5	2	1100	700	7 1/4	2 7/16	50	**5-78ZT-UR8/CA-P-0520-S**
	6	2	1200	800	8	2 7/16	55	**5-78ZT-UR8/CA-P-0620-S**
	8	2	1800	900	9 1/2	2 7/16	60	**5-78ZT-UR8/CA-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARING**								
	4	2	800	800	5-5/8	2-7/16	7	**5-78ZT-SWE/9/FT-P-0420-S**
	5	2	700	700	6-1/2	2-7/16	8	**5-78ZT-SWE/9/FT-P-0520-S**
	6	2	1200	1200	7-1/2	2-7/16	9	**5-78ZT-SWE/9/FT-P-0620-S**
	8	2	1200	1200	9-1/2	2-7/16	10	**5-78ZT-SWE/9/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARING**								
	4	2	800	800	5-5/8	2-7/16	7	**5-78ZT-SWE/8/FT-P-0420-S**
	5	2	700	700	6-1/2	2-7/16	8	**5-78ZT-SWE/8/FT-P-0520-S**
	6	2	1200	1200	7-1/2	2-7/16	9	**5-78ZT-SWE/8/FT-P-0620-S**
	8	2	1200	1200	9-1/2	2-7/16	10	**5-78ZT-SWE/8/FT-P-0820-S**
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BEARING								
	8	2	1200	500	9 1/2	2 7/16	60	**5-78ZT-ER/CA-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
For rigid casters, change "S" to "R" (i.e. 5-78ZT-PB-R-0415-**S** becomes 5-78ZT-PB-R-0415-**R**)
All Rig Options should be added to the end of the part number. (i.e. 5-78ZT-PB-R-0415-**SL** for Swivel Lock)
This Series is available with Swivel-SAZ™ (Dual-in-One) Wheels, Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.
See Wheel Section for additional information. All load ratings are for manual operation at 2 mph.

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

5-72K SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1400 lbs.

- Top Plate: 5/16" AISI 1045 steel top plate welded and heat treated for longer life
- Yoke Base: Notched AISI 1045 steel yoke base
- Swivel Section: One row of 3/8" ball bearings mounted in a heat treated precision machined raceway
- Zerk Fitting: 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 plated

RIG OPTIONS

SLHOFI	Swivel Lock - Hand Operated Field Installable
SLFOFI	Swivel Lock - Hand Operated Field Installable

BRAKE OPTIONS

CB	Cam Brake
SSB	Single Side Brake
DSB	Double Side Brake
FBB	Face Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

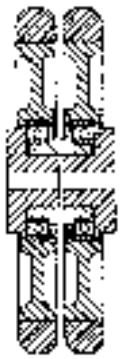
Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
72 (Standard)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

5-72K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS						
	4	2	1400	5-5/8	1-3/16	**5-72K-FS-R-0420-S**
	5	2	1400	6-1/2	1-3/8	**5-72K-FS-R-0520-S**
	6	2	1400	7-1/2	1-9/16	**5-72K-FS-R-0620-S**
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS						
	4	2	800	5-5/8	1-3/16	**5-72K-CA/VG-R-0420-S**
	5	2	800	6-1/2	1-3/8	**5-72K-CA/VG-R-0520-S**
	6	2	1000	7-1/2	1-9/16	**5-72K-CA/VG-R-0620-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS						
	4	2	1400	5-5/8	1-3/16	**5-72K-NY/MD-P-0420-S**
	5	2	1400	6-1/2	1-3/8	**5-72K-NY/MD-P-0520-S**
	6	2	1400	7-1/2	1-9/16	**5-72K-NY/MD-P-0620-S**
	8	2	1400	10-1/8	2-1/4	**5-72K-NY/MD-P-0820-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS						
	4	2	800	5-5/8	1-3/16	**5-72K-TM-R-0420-S**
	5	2	1000	6-1/2	1-3/8	**5-72K-TM-R-0520-S**
	6	2	1200	7-1/2	1-9/16	**5-72K-TM-R-0620-S**
	8	2	1250	10-1/8	2-1/4	**5-72K-TM-R-0820-S**
HIGH-TEMP NYLON FIBERGLASS / HEATEATER (HE) WHEELS WITH PRECISION BALL BEARINGS						
	4	2	800	5-5/8	1-3/16	**5-72K-HE-P-0420-S**
	5	2	1000	6-1/2	1-3/8	**5-72K-HE-P-0520-S**
	6	2	1200	7-1/2	1-9/16	**5-72K-HE-P-0620-S**
	8	2	1250	10-1/8	2-1/4	**5-72K-HE-P-0820-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH ROLLER BEARINGS						
	4	2	700	5-5/8	1-3/16	**5-72K-PY/AL-R-0420-S**
	5	2	1050	6-1/2	1-3/8	**5-72K-PY/AL-R-0520-S**
	6	2	1230	7-1/2	1-9/16	**5-72K-PY/AL-R-0620-S**
	8	2	1250	10-1/8	2-1/4	**5-72K-PY/AL-R-0820-S**
POLYURETHANE / ALUMINUM CORE / DONUT TREAD (PY/AL/DT) WHEELS WITH ROLLER BEARINGS						
	5	2	1000	6-1/2	1-3/8	**5-72K-PY/AL/DT-R-0520-S**
	6	2	1250	7-1/2	1-9/16	**5-72K-PY/AL/DT-R-0620-S**
	8	2	1250	10-1/8	2-1/4	**5-72K-PY/AL/DT-R-0820-S**
POLYURETHANE / POLYPROPYLENE CORE (PY/PB) WHEELS WITH ROLLER BEARINGS						
	4	2	700	5-5/8	1-3/16	**5-72K-PY/PB-R-0420-S**
	5	2	750	6-1/2	1-3/8	**5-72K-PY/PB-R-0520-S**
	6	2	900	7-1/2	1-9/16	**5-72K-PY/PB-R-0620-S**
	8	2	1000	10-1/8	2-1/4	**5-72K-PY/PB-R-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARING**						
	4	2	800	5-5/8	2-7/16	**5-72K-SWE/9/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	**5-72K-SWE/9/FT-P-0520-S**
	6	2	1200	7-1/2	2-7/16	**5-72K-SWE/9/FT-P-0620-S**
	8	2	1200	10-1/8	2-7/16	**5-72K-SWE/9/FT-P-0820-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BALL BEARING**						
	4	2	800	5-5/8	2-7/16	**5-72K-SWE/8/FT-P-0420-S**
	5	2	700	6-1/2	2-7/16	**5-72K-SWE/8/FT-P-0520-S**
	6	2	1200	7-1/2	2-7/16	**5-72K-SWE/8/FT-P-0620-S**
	8	2	1200	10-1/8	2-7/16	**5-72K-SWE/8/FT-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
For rigid casters, change "S" to "R" (i.e. 5-72K-PB-R-0415-**S** becomes 5-72K-PB-R-0415-**R**)
All Rig Options should be added to the end of the part number. (i.e. 5-72K-PB-R-0415-**SL** for Swivel Lock)
This Series is available with Swivel-SAZ™ (Dual-in-One) Wheels, Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.
See Wheel Section for additional information. All load ratings are for manual operation at 2 mph.

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

5-72KHD — CONSTRUCTION FEATURES

Load Capacity Up to 2000 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision raceways, CNC machined
- Induction hardened raceway ensure longevity of swivel head
- Totally sealed swivel head with grease nipple
- 1/4 in. thick formed legs robotically welded inside and outside to 65mm fork spacing
- 1/2 in. wheel axle
- Finish is zinc plated, ROHS compliant or black polymer color-coated

TL/LE

DL

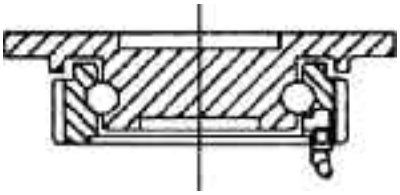
RIG OPTIONS

DL	4-Way Directional Lock
TL/LE	Adjustable Total Lock / Leading Edge
WFB	Wheel Face Brake

TOP PLATE OPTIONS

(Standard)
Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-7/16" x 4-15/16" slotted to 3-5/8" x 5-1/4"
Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

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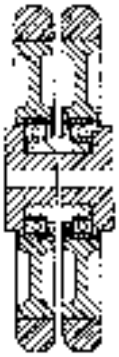


The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

5-72KHD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Dia. (in)	Width (in)	OAH (in	Swl. Red. (in)	Cap. (lb)
CAST IRON (CI) WHEELS WITH PRECISION BALL BEARINGS							
5-72KHD-CI-P-0420-S	5-72KHD-CI-P-0420-R	5-72KHD-CI-P-0420-S-TL/LE	4	2	5-5/8	3-3/16	1000
5-72KHD-CI-P-0520-S	5-72KHD-CI-P-0520-R	5-72KHD-CI-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	1200
5-72KHD-CI-P-0620-S	5-72KHD-CI-P-0620-R	5-72KHD-CI-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	1750
5-72KHD-CI-P-0820-S	5-72KHD-CI-P-0820-R	5-72KHD-CI-P-0820-S-TL/LE	8	2	9-1/2	6	2000
5-72KHD-CI-P-1020-S	5-72KHD-CI-P-1020-R	5-72KHD-CI-P-1020-S-TL/LE	10	2	11-1/2	7-1/2	2000
DUCTILE IRON (DU) WHEELS WITH PRECISION BALL BEARINGS							
5-72KHD-DU-P-0420-S	5-72KHD-DU-P-0420-R	5-72KHD-DU-P-0420-S-TL/LE	4	2	5-5/8	3-3/16	1500
5-72KHD-DU-P-0520-S	5-72KHD-DU-P-0520-R	5-72KHD-DU-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	1550
5-72KHD-DU-P-0620-S	5-72KHD-DU-P-0620-R	5-72KHD-DU-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	2000
5-72KHD-DU-P-0820-S	5-72KHD-DU-P-0820-R	5-72KHD-DU-P-0820-S-TL/LE	8	2	9-1/2	6	2000
5-72KHD-DU-P-1020-S	5-72KHD-DU-P-1020-R	5-72KHD-DU-P-1020-S-TL/LE	10	2	11-1/2	7-1/2	2000
NYLACRON™ (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
5-72KHD-NY/MD-P-0420-S	5-72KHD-NY/MD-P-0420-R	5-72KHD-NY/MD-P-0420-S-TL/LE	4	2	5-5/8	3-3/16	1800
5-72KHD-NY/MD-P-0520-S	5-72KHD-NY/MD-P-0520-R	5-72KHD-NY/MD-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	2000
5-72KHD-NY/MD-P-0520-S	5-72KHD-NY/MD-P-0620-R	5-72KHD-NY/MD-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	2000
5-72KHD-NY/MD-P-0820-S	5-72KHD-NY/MD-P-0820-R	5-72KHD-NY/MD-P-0820-S-TL/LE	8	2	9-1/2	6	2000
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
5-72KHD-UR/HD/CA-P-0420-S	5-72KHD-UR/HD/CA-P-0420-R	5-72KHD-UR/HD/CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/16	900
5-72KHD-UR/HD/CA-P-0520-S	5-72KHD-UR/HD/CA-P-0520-R	5-72KHD-UR/HD/CA-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	1200
5-72KHD-UR/HD/CA-P-0620-S	5-72KHD-UR/HD/CA-P-0620-R	5-72KHD-UR/HD/CA-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	1650
5-72KHD-UR/HD/CA-P-0820-S	5-72KHD-UR/HD/CA-P-0820-R	5-72KHD-UR/HD/CA-P-0820-S-TL/LE	8	2	9-1/2	6	2000
5-72KHD-UR/HD/CA-P-1020-S	5-72KHD-UR/HD/CA-P-1020-R	5-72KHD-UR/HD/CA-P-1020-S-TL/LE	10	2	11-1/2	7-1/2	2000
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
5-72KHD-UR/CA/DT-P-0420-S	5-72KHD-UR/CA/DT-P-0420-R	5-72KHD-UR/CA/DT-P-0420-S-TL/LE	4	2	5-5/8	3-3/16	775
5-72KHD-UR/CA/DT-P-0520-S	5-72KHD-UR/CA/DT-P-0520-R	5-72KHD-UR/CA/DT-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	1000
5-72KHD-UR/CA/DT-P-0620-S	5-72KHD-UR/CA/DT-P-0620-R	5-72KHD-UR/CA/DT-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	1250
5-72KHD-UR/CA/DT-P-0820-S	5-72KHD-UR/CA/DT-P-0820-R	5-72KHD-UR/CA/DT-P-0820-S-TL/LE	8	2	9-1/2	6	1700
5-72KHD-UR/CA/DT-P-1020-S	5-72KHD-UR/CA/DT-P-1020-R	5-72KHD-UR/CA/DT-P-1020-S-TL/LE	10	2	11-1/2	7-1/2	1750
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARINGS**							
5-72KHD-SWE/9/FT-P-0420-S	5-72KHD-SWE/9/FT-P-0420-R	5-72KHD-SWE/9/FT-P-0420-S-TL/LE	4	2	5-5/8	3-5/8	1000
5-72KHD-SWE/9/FT-P-0520-S	5-72KHD-SWE/9/FT-P-0520-R	5-72KHD-SWE/9/FT-P-0520-S-TL/LE	5	2	6-1/2	4-5/8	1100
5-72KHD-SWE/9/FT-P-0620-S	5-72KHD-SWE/9/FT-P-0620-R	5-72KHD-SWE/9/FT-P-0620-S-TL/LE	6	2	7-1/2	5-1/4	1200
5-72KHD-SWE/9/FT-P-0820-S	5-72KHD-SWE/9/FT-P-0820-R	5-72KHD-SWE/9/FT-P-0820-S-TL/LE	8	2	9-1/2	6-9/16	1200
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
5-72KHD-MR/CA-P-0420-S	5-72KHD-MR/CA-P-0420-R	5-72KHD-MR/CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/16	350
5-72KHD-MR/CA-P-0520-S	5-72KHD-MR/CA-P-0520-R	5-72KHD-MR/CA-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	400
5-72KHD-MR/CA-P-0620-S	5-72KHD-MR/CA-P-0620-R	5-72KHD-MR/CA-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	450
5-72KHD-MR/CA-P-0820-S	5-72KHD-MR/CA-P-0820-R	5-72KHD-MR/CA-P-0820-S-TL/LE	8	2	9-1/2	6	525
5-72KHD-MR/CA-P-1020-S	5-72KHD-MR/CA-P-1020-R	5-72KHD-MR/CA-P-1020-S-TL/LE	10	2	11-1/2	7-1/2	700
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
5-72KHD-ER/CA-P-0420-S	5-72KHD-ER/CA-P-0420-R	5-72KHD-ER/CA-P-0420-S-TL/LE	4	2	5-5/8	3-3/16	460
5-72KHD-ER/CA-P-0520-S	5-72KHD-ER/CA-P-0520-R	5-72KHD-ER/CA-P-0520-S-TL/LE	5	2	6-1/2	3-7/8	600
5-72KHD-ER/CA-P-0620-S	5-72KHD-ER/CA-P-0620-R	5-72KHD-ER/CA-P-0620-S-TL/LE	6	2	7-1/2	4-9/16	775
5-72KHD-ER/CA-P-0820-S	5-72KHD-ER/CA-P-0820-R	5-72KHD-ER/CA-P-0820-S-TL/LE	8	2	9-1/2	6	1000
5-72KHD-ER/CA-P-1020-S	5-72KHD-ER/CA-P-1020-R	5-72KHD-ER/CA-P-1020-S-TL/LE	10	2	11-1/2	7-1/2	1100

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**
This Series is available with Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

5-72K/DW DUAL WHEEL KINGPINLESS CASTER

Load Capacity Up to 1,700 lbs.

- Pre-lubricated straight roller bearings in the wheels which are sealed.
- Both wheels are mounted inside the fork legs on a single hardened and ground spanner bushing which gives rigidity to the caster.
- Wheels have 1-5/8" hub length with 3/4" straight roller bearings.

SWIVEL RIG OPTIONS

SL-272 Swivel Lock

BRAKE OPTIONS

DSB-272 Wheel Brake
PCB-272 Wheel Brake

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	4-1/2" x 6-1/4"	5-1/4" x 3-3/8" slotted to 4-15/16" x 2-7/16"	3/8"
41	4" x 5"	2-5/8" x 3-5/8" slotted to 3" x 4"	1/2"
42	4" x 4-1/2"	2-5/8" x 3-5/8" slotted to 3" x 3"	3/8"
43	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

SWIVEL CROSS SECTION

5-72K/DW CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARING							
	3-1/4	1-1/2	1700	5-5/8	1-1/8	9	**5-72K/DW-NY/MD-P-3215-S**
	4	1-1/2	1700	5-3/4	1-1/8	10	**5-72K/DW-NY/MD-P-0415-S**
	5	1-1/2	1700	6-3/4	1-1/2	11	**5-72K/DW-NY/MD-P-0515-S**
	6	1-1/2	1700	7-3/4	1-1/2	12	**5-72K/DW-NY/MD-P-0615-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH ROLLER BEARING							
	3-1/4	1-5/8	840	5-1/4	1-1/8	8	**5-72K/DW-PY/CA-R-0315-S**
PHENOLIC (TM) WHEELS WITH ROLLER BEARING							
	3-1/4	1-1/2	1200	5-1/4	1-1/8	8	**5-72K/DW-TM-R-3215-S**
	4	1-1/2	1200	5-5/8	1-1/8	9	**5-72K/DW-TM-R-0415-S**
	5	1-1/2	1200	6-1/2	1-1/2	10	**5-72K/DW-TM-R-0515-S**
MOLDON RUBBER / ALUMINUM CORE (MR/AL) WHEELS WITH ROLLER BEARING							
	4	1-1/2	500	5-5/8	1-1/8	8	**5-72K/DW-MR/AL-R-0415-S**
	5	1-1/2	600	6-1/2	1-1/2	9	**5-72K/DW-MR/AL-R-0515-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH ROLLER BEARING							
	4	1-1/2	1200	5-5/8	1-1/8	7-1/2	**5-72K/DW-PY/AL-R-0415-S**
	5	1-1/2	1440	6-1/2	1-1/2	8-1/2	**5-72K/DW-PY/AL-R-0515-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH ROLLER BEARING							
	4	1-1/2	500	5-5/8	1-1/8	9	**5-72K/DW-MR/CA-R-0415-S**
	5	1-1/2	600	6-1/2	1-1/2	10	**5-72K/DW-MR/CA-R-0515-S**
	6	1-1/2	740	7-3/4	1-1/2	12	**5-72K/DW-MR/CA-R-0515-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 5-72K/DW-MR-R-0415-**S** becomes 5-72K/DW-MR-R-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 5-72K/DW-MR-R-0415-**SL** for Swivel Lock)

5-62/SA SHOCK ABSORBING CASTERS

Load Capacity Up to 800 lbs.

- Springs are encapsulated and protected by a urethane SpringGuard™ for added safety
- Fully heat treated double ball raceway construction, extends the life of the caster
- Top plate and legs are made from 1/4" thick cold formed steel
- Standard 4-1/2" x 6-1/4" top plate
- One rig fits 5" x 2" and 6" x 2" wheels
- Applications include diagnostic and electrical, institutional and laboratory, medical equipment and carts, food processing, mobile workstations, mobile storage racks, ground support equipment, packaging equipment, specialty toolboxes

RIG OPTIONS

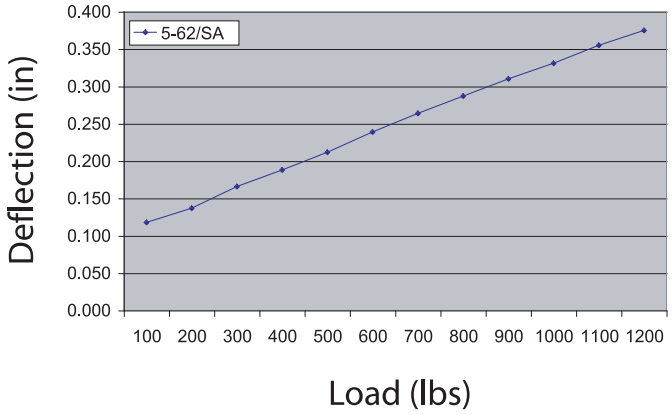
SS Sealed Swivel
HA Hollow Axle
SL Swivel Lock

BRAKE OPTIONS

SSB Single Side Brake
DSB Double Side Brake

TOP PLATE

Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-5/8" x 3-5/8" slotted to 3" x 3"
Attaching Bolt: 3/8"



5-62/SA SHOCK ABSORBING CASTER SPECIFICATIONS

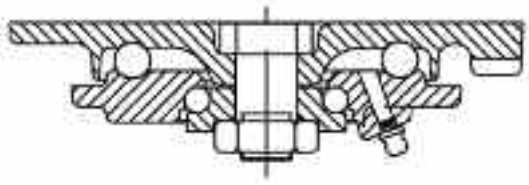
Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Rig Type	Bearing Part Number Add B, P, PL, R or T*
URETHANE 90A / ALUMINUM CORE (UR/9/AL) WITH PRECISION BALL BEARINGS							
	6	2	800	7-7/8	2	Swivel	5-62/SA-UR/9/AL-P-0620-S
	6	2	800	7-7/8	2	Rigid	5-62/SA-UR/9/AL-P-0620-R
URETHANE 80A / ALUMINUM CORE (UR/8/AL) WITH PRECISION BALL BEARINGS							
	6	2	800	7-7/8	2	Swivel	5-62/SA-UR/8/AL-P-0620-S
	6	2	800	7-7/8	2	Rigid	5-62/SA-UR/8/AL-P-0620-R
EXTRA SOFT RUBBER / FLAT TREAD (XS/FT) WITH PRECISION BALL BEARINGS							
	6	2	500	7-7/8	2	Swivel	5-62/SA-XS/FT-P-0620-S
	6	2	500	7-7/8	2	Rigid	5-62/SA-XS/FT-P-0620-R

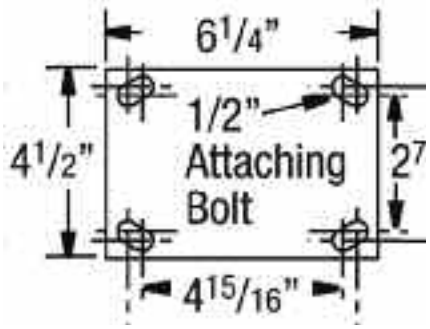
***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

5-72/SA SHOCK ABSORBING CASTERS

Load Capacity Up to 800 lbs.

- Designed with greater load capacity than our 40 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.
- Load Springs: Maximum rated capacity loads will deflect wheel approximately 5/8" (50%). Different load springs for each series permits wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- Top Plate & Yoke Base: AISI 1045 drop forged steel for extended service life
- Swivel Section: Double ball bearing with coined "deep-groove" load and machined thrust raceways provide optimal performance under extreme loads
- Legs: 1/4" steel, formed to increase strength
- King Bolt: 3/4" diameter heat treated bolt and nut for enhanced shock load capacity
- Axle: 1/2" diameter hollow axle with lock nut for easy lubrication of wheels with straight roller bearing. Solid axle for 28 ball bearing
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle
- **Alternate or custom caster configurations available**





RIG OPTIONS

NS	Neoprene Sealed Swivel Section
ZF	Hollow Axle
SSB	Single Side Brake
DSB	Double Side Brake
SL	Swivel Lock

Top Plate

Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-5/8" x 3-5/8"
slotted to 3" x 3"
Attaching Bolt: 3/8"

Typical Applications

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

5-72/SA SHOCK ABSORBING CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Bearing Part Number Add B, P, PL, R or T*
Polyurethane / Cast Iron Core (PY/CA) with Precision Ball Bearing							
	8	2-1/2	800	11-1/2	2-1/4	19-1/2	**5-72/SA-PY/CA-P-0825-S**
	10	2-1/2	800	13-1/2	2-1/4	23	**5-72/SA-PY/CA-P-1025-S**
Vulkollan™ / Cast Iron Core (VU/CA) with Precision Ball Bearing							
	8	2-1/2	800	11-1/2	2-1/4	21	**5-72/SA-VU/CA-P-0825-S**
	10	2-1/2	800	13-1/2	2-1/4	23	**5-72/SA-VU/CA-P-1025-S**
Polyurethane / Aluminum Core (PY/AL) with Precision Ball Bearing							
	8	2-1/2	800	11-1/2	2-1/4	17	**5-72/SA-PY/AL-P-0825-S**
	10	2-1/2	800	13-1/2	2-1/4	20	**5-72/SA-PY/AL-P-1025-S**
Moldon Rubber / Cast Iron Core (MR/CA) with Precision Ball Bearing							
	8	2-1/2	800	11-1/2	2-1/4	22	**5-72/SA-MR/CA-P-0825-S**
	10	2-1/2	800	13-1/2	2-1/4	26	**5-72/SA-MR/CA-P-1025-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 5-72/SA-PB-R-0415-**S** becomes 5-72/SA-PB-R-0415-**R**)

See Wheel Section 12 for other premium wheels to fit 2-1/2" hub length / 1/2" axle / nut.

5-62SS SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1200 lbs.

- Raceway: SS Double Ball Raceway formed smooth for easy swivel action w/ stainless steel balls. Type 304 Stainless Steel.
- Zerk Fitting: in the swivel section and head of the axle bolt.
- Kingpin & Nut: 3/4" diameter
- Top Plate: 5/16" Stainless steel
- Legs: 1/4" Stainless steel
- Axle & Lock Nut: 1/2" w & w/o stainless steel zerk.
- **Note:** Zerk not necessary w/ Precision Ball Bearing wheels.
- **Alternate or Custom Caster Configurations Available**

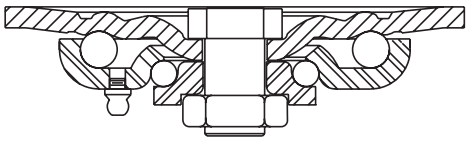
Stainless Steel Swivel Caster

Stainless Steel Swivel Caster with SS Cam Brake

BRAKE OPTIONS

SSCB	Cam Brake
PCB	Poly Cam Brake
SSB	Single Side Brake
DSB	Double Side Brake
WB72	Wrap Around Brake

SWIVEL CROSS SECTION



STEM OPTIONS

RS – 3/4" x 4" Round
RS – 7/8" x 4" Round
RS – 1" x 4" Round
RS – 1-1/4" x 4" Round
TS – 3/4" - 10 x 4" Threaded Stem
HO – 5/8" Hole only with no stem
Other size SS stems available

Stainless Steel Stem Casters with SS Cam Brake

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
62 (Standard)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
16	4" x 4 1/2"	2 8/8" x 3 5/8" slotted to 3" x 3"	1/2"
12	5" x 5 1/2"	4 1/8" x 4 1/2"	3/8"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

5-62SS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Radius (in.)	Swivel Part Number Add B, P, PL, R or T*
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	3	2	400	4-3/8	2-7/16	2-1/2	**5-62SS-SE-P-0320-S**
	4	2	700	5-5/8	2-7/16	3-9/16	**5-62SS-SE-P-0420-S**
	5	2	750	6-1/2	2-7/16	4-1/4	**5-62SS-SE-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**5-62SS-SE-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**5-62SS-SE-P-0820-S**
NYLACRON™ MONOCAST (NY/MC) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	3	2	1200				**5-62SS-NY/MC-P-0320-S**
	4	2	1200	5-5/8	2-7/16	3-9/16	**5-62SS-NY/MC-P-0420-S**
	5	2	1200	6-1/2	2-7/16	4-1/4	**5-62SS-NY/MC-P-0520-S**
	6	2	1200	7-1/2	2-7/16	5	**5-62SS-NY/MC-P-0620-S**
	8	2	1200	9-1/2	2-7/16	6-1/4	**5-62SS-NY/MC-P-0820-S**
PHENOLIC (TM) WHEELS WITH STAINLESS STEEL ROLLER BEARING							
	4	2	800	5-5/8	2-7/16	3-9/16	**5-62SS-TM-R-0420-S**
	5	2	900	6-1/2	2-7/16	4-1/4	**5-62SS-TM-R-0520-S**
	6	2	900	7-1/2	2-7/16	5	**5-62SS-TM-R-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**5-62SS-TM-R-0820-S**
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	600	5-5/8	2-7/16	3-9/16	**5-62SS-KR-P-0420-S**
	5	2	600	6-1/2	2-7/16	4-1/4	**5-62SS-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	5	**5-62SS-KR-P-0620-S**
	8	2	750	9-1/2	2-7/16	6-1/4	**5-62SS-KR-P-0820-S**
HIGH-TEMP NYLON FIBERGLASS /HEATEATER (HE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	3-9/16	**5-62SS-HE-P-0420-S**
	5	2	700	6-1/2	2-7/16	4-1/4	**5-62SS-HE-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**5-62SS-HE-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**5-62SS-HE-P-0820-S**
NYLON (NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	700	5-5/8	2-7/16	3-9/16	**5-62SS-NN-P-0420-S**
	5	2	700	6-1/2	2-7/16	4-1/4	**5-62SS-NN-P-0520-S**
	8	2	1000	9-1/2	2-7/16	6-1/4	**5-62SS-NN-P-0620-S**
	6	2	900	7-1/2	2-7/16	5	**5-62SS-NN-P-0820-S**
STAINLESS STEEL (SS) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	800	5-5/8	2-7/16	3-9/16	**5-62SS-SS-P-0420-S**
	5	2	900	6-1/2	2-7/16	4-1/4	**5-62SS-SS-P-0520-S**
	6	2	1100	7-1/2	2-7/16	5	**5-62SS-SS-P-0620-S**
	8	2	1200	9-1/2	2-7/16	6-1/4	**5-62SS-SS-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

For rigid casters, change "S" to "R" (i.e. 5-62SS-PB-R-0415-**S** becomes 5-62SS-PB-R-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 5-62SS-PB-R-0415-**SL** for Swivel Lock)

This Series is available with Swivel-SAZ™ (Dual-in-One) Wheels, Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.

See Wheel Section for additional information. All load ratings are for manual operation at 2 mph.

5-72K/PSS SERIES — CONSTRUCTION FEATURES

Load Capacity Up to 1400 lbs.

- Top Plate: 5/16” 304 stainless steel and welded construction for longer life
- Yoke Base: Notched 316 stainless steel welded inside and out
- Legs: Welded inside and out
- Swivel Section: One row of 3/8" ball bearings mounted in a precision machined raceway
- Axle: 1/2” diameter hollow axle with zerk fitting on roller and tapered bearing models (Solid axle on Delrin, precision ball, and Oilex models)
- **Alternate or custom caster configurations available**

RIG OPTIONS

SLHOFI Swivel Lock - Hand Operated Field Installable

Optional Overall Heights of 91/2" for 8" wheel diameter models add -01 to end of model number.

BRAKE OPTIONS

FBB	Face Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
72	4 1/2” x 6 1/4”	5 1/4” x 3 3/8” slotted to 4 15/16” x 2 7/16”	1/2”
16	4” x 4 1/2”	3 5/8” x 3” slotted to 3” x 2 5/8”	3/8”
D	5” x 5 1/2”	4 1/2” x 4 1/2”	3/8”
J	5” x 4”	4” x 3” slotted to 3 5/8” x 2 5/8”	3/8”

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

5-72K/PSS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Whl Hub (in.)	Swl. Radius (in.)	Swivel Part Number Add B, P, PL, R or T*
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	3	2	400	4-3/8	2-7/16	2-1/2	**5-72K/PSS-SE-P-0320-S**
	4	2	700	5-5/8	2-7/16	3-9/16	**5-72K/PSS-SE-P-0420-S**
	5	2	750	6-1/2	2-7/16	4-1/4	**5-72K/PSS-SE-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**5-72K/PSS-SE-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**5-72K/PSS-SE-P-0820-S**
NYLACRON™ MONOCAST (NY/MC) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	3	2	1400	4-3/8			**5-72K/PSS-NY/MC-P-0320-S**
	4	2	1400	5-5/8	2-7/16	3-9/16	**5-72K/PSS-NY/MC-P-0420-S**
	5	2	1400	6-1/2	2-7/16	4-1/4	**5-72K/PSS-NY/MC-P-0520-S**
	6	2	1400	7-1/2	2-7/16	5	**5-72K/PSS-NY/MC-P-0620-S**
	8	2	1400	9-1/2	2-7/16	6-1/4	**5-72K/PSS-NY/MC-P-0820-S**
PHENOLIC (TM) WHEELS WITH STAINLESS STEEL ROLLER BEARING							
	4	2	800	5-5/8	2-7/16	3-9/16	**5-72K/PSS-TM-R-0420-S**
	5	2	900	6-1/2	2-7/16	4-1/4	**5-72K/PSS-TM-R-0520-S**
	6	2	900	7-1/2	2-7/16	5	**5-72K/PSS-TM-R-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**5-72K/PSS-TM-R-0820-S**
KRYPTONIC™ (KR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	600	5-5/8	2-7/16	3-9/16	**5-72K/PSS-KR-P-0420-S**
	5	2	600	6-1/2	2-7/16	4-1/4	**5-72K/PSS-KR-P-0520-S**
	6	2	700	7-1/2	2-7/16	5	**5-72K/PSS-KR-P-0620-S**
	8	2	750	9-1/2	2-7/16	6-1/4	**5-72K/PSS-KR-P-0820-S**
HIGH-TEMP NYLON FIBERGLASS /HEATEATER (HE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	500	5-5/8	2-7/16	3-9/16	**5-72K/PSS-HE-P-0420-S**
	5	2	700	6-1/2	2-7/16	4-1/4	**5-72K/PSS-HE-P-0520-S**
	6	2	900	7-1/2	2-7/16	5	**5-72K/PSS-HE-P-0620-S**
	8	2	900	9-1/2	2-7/16	6-1/4	**5-72K/PSS-HE-P-0820-S**
NYLON (NN) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	700	5-5/8	2-7/16	3-9/16	**5-72K/PSS-NN-P-0420-S**
	5	2	700	6-1/2	2-7/16	4-1/4	**5-72K/PSS-NN-P-0520-S**
	8	2	1000	9-1/2	2-7/16	6-1/4	**5-72K/PSS-NN-P-0620-S**
	6	2	900	7-1/2	2-7/16	5	**5-72K/PSS-NN-P-0820-S**
STAINLESS STEEL (SS) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	4	2	800	5-5/8	2-7/16	3-9/16	**5-72K/PSS-SS-P-0420-S**
	5	2	900	6-1/2	2-7/16	4-1/4	**5-72K/PSS-SS-P-0520-S**
	6	2	1100	7-1/2	2-7/16	5	**5-72K/PSS-SS-P-0620-S**
	8	2	1200	9-1/2	2-7/16	6-1/4	**5-72K/PSS-SS-P-0820-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

For rigid casters, change "S" to "R" (i.e. 5-72K/PSS-PB-R-0415-**S** becomes 5-72K/PSS-PB-R-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 5-72K/PSS-PB-R-0415-**SL** for Swivel Lock)

This Series is available with Swivel-SAZ™ (Dual-in-One) Wheels, Besthane®, Beathane® Soft, Extrathane® and Extrathane® Soft Wheels.

See Wheel Section for additional information. All load ratings are for manual operation at 2 mph.

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

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Series	Caster Type	Page #
6-81	Kingpin - Hot Forged	2-4
6-81HD	Kingpin - Hot Forged (w/ Total Lock)	5-6
6-81K	Kingpinless - Hot Forged	7-9
6-81KHD	Kingpinless HD - Hot Forged (w/ Adjustable Total Lock)	10-11
6-81KHD/DW	Kingpinless - Dual Wheel	12-13
6-81K/SA	Kingpinless - Shock Absorbing Rigs	14-15
6-81KHD/SA	Kingpinless - Shock Absorbing Rigs	14-15
6-81K/DW	Kingpinless - Dual Wheel	16-17
6-81KSS	Kingpinless - Stainless Steel	18-19
6-81KHDSS	Kingpinless - Polished Stainless Steel	20-21

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products
www.acornindprod.com

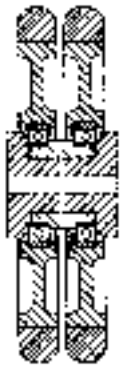
Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

6-81 CONSTRUCTION FEATURES

Load Capacity Up to 2000 lbs.

- **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**

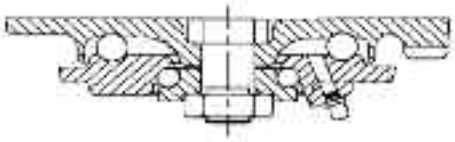
RIG OPTIONS

NSS	Neoprene Sealed Swivel Section
SLW	Swivel Lock Welded
SLHOFI	Swivel Lock - Hand Operated Field Installable

BRAKE OPTIONS

PCB	Poly Cam Brake
FCB	Face Contact Brake
FBB	Face Brake
WB	Wrap Around Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard Swivel)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
(Standard Rigid)	5" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
TPD	5" x 5 1/2"	4 1/8" x 4 1/4"	3/8"
TPW	4 1/2" x 7 1/4"	3 1/4" x 6"	1/2"

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Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

6-81 CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	21-3/4	**6-81-FS-P-0625-S**
	8	3	2000	10-1/8	2-1/4	26-1/2	**6-81-FS-P-0830-S**
	10	3	2000	11-1/2	2-1/2		**6-81-FS-P-1030-S**
DUCTILE IRON / ROUND TREAD (DU/RT) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	20-1/4	**6-81-DU/RT-P-0625-S**
	8	3	2000	10-1/8	2-1/4	26-1/2	**6-81-DU/RT-P-0830-S**
	10	3	2000	11-1/2	2-1/2	27-1/2	**6-81-DU/RT-P-1030-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	3	2000	5-1/2	2	17-3/4	**6-81-CA-R-3212-S**
	5	2-1/2	2000	6-1/2	2-1/4	19-1/2	**6-81-CA-R-0525-S**
	6	2-1/2	2000	7-5/8	1-1/2	20-1/4	**6-81-CA-R-0625-S**
	8	3	2000	10-1/8	2-1/4	26-1/2	**6-81-CA-R-0830-S**
	10	3	2000	11-1/2	2-1/2	27-1/2	**6-81-CA-R-1030-S**
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	20-1/4	**6-81-CA/VG-R-0625-S**
	8	3	2000	10-1/8	2-1/4	26-1/2	**6-81-CA/VG-R-0830-S**
	10	3	2000	11-1/2	2-1/2	27-1/2	**6-81-CA/VG-R-1030-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	2000	7-5/8	1-1/2	14-1/2	**6-81-NY/MD-P-0625-S**
	6	3	2000	7-5/8	1-1/2	15-1/2	**6-81-NY/MD-P-0630-S**
	8	2-1/2	2000	10-1/8	2-1/4	16-3/4	**6-81-NY/MD-P-0825-S**
	8	3	2000	10-1/8	2-1/4	17-3/4	**6-81-NY/MD-P-0830-S**
	10	2-1/2	2000	11-1/2	2-1/2	20-1/2	**6-81-NY/MD-P-1025-S**
	10	3	2000	11-1/2	2-1/2	22-1/2	**6-81-NY/MD-P-1030-S**
	12	2-1/2	2000	13-1/2	3	22-1/2	**6-81-NY/MD-P-1225-S**
	12	3	2000	13-1/2	3	24-1/2	**6-81-NY/MD-P-1230-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1600	7-5/8	1-1/2	14-1/2	**6-81-TM-R-0625-S**
	6	3	2000	7-5/8	1-1/2	14-3/4	**6-81-TM-R-0630-S**
	8	2-1/2	2000	10-1/8	2-1/4	16-3/4	**6-81-TM-R-0825-S**
	8	3	2000	10-1/8	2-1/4	17-3/4	**6-81-TM-R-0830-S**
	10	3	2000	11-1/2	2-1/2	20-1/2	**6-81-TM-R-1030-S**
	12	3	2000	13-1/2	3	22-1/2	**6-81-TM-R-1230-S**
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1950	7-5/8	1-1/2	20-1/2	**6-81-VU/CA-P-0625-S**
	6	3	2000	7-5/8	1-1/2	26	**6-81-VU/CA-P-0630-S**
	8	2-1/2	2000	10-1/8	2-1/4	22-1/2	**6-81-VU/CA-P-0825-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-VU/CA-P-0830-S**
	10	3	2000	11-1/2	2-1/2	31	**6-81-VU/CA-P-1030-S**
VULKOLLAN™ THICK TREAD / CAST IRON CORE (VU /TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2000	7-5/8	1-1/2	26	**6-81-VU/TT/CA-P-0630-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-VU/TT/CA-P-0830-S**
	10	3	2000	11-1/2	2-1/2	31	**6-81-VU/TT/CA-P-1030-S**
POLYURETHANE THICK TREAD / CAST IRON CORE (PY/TT//CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2000	7-5/8	1-1/2	26	**6-81-PY/TT/CA-P-0630-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-PY/TT/CA-P-0830-S**
	10	3	2000	11-1/2	2-1/2	31	**6-81-PY/TT/CA-P-1030-S**
(Continued on Next Page)	12	3	2000	13-1/2	3	40	**6-81-PY/TT/CA-P-1230-S**

6-81 CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	3-1/4	3-1/4	850	5-1/8	2	12	**6-81-PY/CA-P-3232-S**
	5	2-1/2	1290	6-1/2	2-1/4	15	**6-81-PY/CA-P-0525-S**
	6	2-1/2	1620	7-5/8	1-1/2	20-1/2	**6-81-PY/CA-P-0625-S**
	6	3	2000	7-5/8	1-1/2	26	**6-81-PY/CA-P-0630-S**
	8	2-1/2	2000	10-1/8	2-1/4	22-1/2	**6-81-PY/CA-P-0825-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-PY/CA-P-0830-S**
	10	3	2000	11-1/2	2-1/2	31	**6-81-PY/CA-P-1030-S**
	12	2-1/2	2000	13-1/2	3	31-1/2	**6-81-PY/CA-P-1225-S**
	12	3	2000	13-1/2	3	40	**6-81-PY/CA-P-1230-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS							
	4	3-1/4	1200	5-1/2	2	15	**6-81-PY/AL-P-0432-S**
	8	2-1/2	2000	10-1/8	3	20-1/4	**6-81-PY/AL-P-0825-S**
	8	3	2000	10-1/8	3	20-1/4	**6-81-PY/AL-P-0830-S**
	10	2-1/2	2000	11-1/2	3-1/2	24-1/2	**6-81-PY/AL-P-1025-S**
	10	3	2000	11-1/2	3-1/2	24-1/2	**6-81-PY/AL-P-1030-S**
X-TREME PLUS SOLID POLYURETHANE (XP) WHEELS WITH PRECISION BEARINGS							
	8	2-1/2	2000	10-1/8	2-1/4	22-1/2	**6-81-XP-P-0825-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-XP-P-0830-S**
	10	2-1/2	2000	11-1/2	2-1/2	24-1/2	**6-81-XP-P-1025-S**
	10	3	2000	11-1/2	2-1/2	31	**6-81-XP-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	1900	10-1/8	2-1/4	22-1/4	**6-81-SWE/9/FT-P-0630-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-SWE/9/FT-P-0830-S**
	10	3	2000	11-1/2	2-1/2	24-1/2	**6-81-SWE/9/FT-P-1003-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	1600	10-1/8	2-1/4	22-1/4	**6-81-SWE/8/FT-P-0630-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-SWE/8/FT-P-0830-S**
	10	3	2000	11-1/2	2-1/2	24-1/2	**6-81-SWE/8/FT-P-1003-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	900	10-1/8	2-1/4	22-1/4	**6-81-SWE/7/FT-P-0630-S**
	8	3	1400	10-1/8	2-1/4	22-1/4	**6-81-SWE/7/FT-P-0830-S**
	10	3	2000	11-1/2	2-1/2	24-1/2	**6-81-SWE/7/FT-P-1003-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	2000	10-1/8	2-1/4	22-1/4	**6-81-SWE/6/FT-P-0630-S**
	8	3	2000	10-1/8	2-1/4	22-1/4	**6-81-SWE/6/FT-P-0830-S**
	10	3	2000	11-1/2	2-1/2	24-1/2	**6-81-SWE/6/FT-P-1003-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	700	7-5/8	3	20-1/2	**6-81-MR/CA-P-0625-S**
	6	3	750	7-5/8	3	20-3/4	**6-81-MR/CA-P-0630-S**
	8	2-1/2	850	10-1/8	3	20-1/4	**6-81-MR/CA-P-0825-S**
	8	3	900	10-1/8	3	22-1/4	**6-81-MR/CA-P-0830-S**
	10	2-1/2	950	11-1/2	3-1/2	24-1/2	**6-81-MR/CA-P-1025-S**
	10	3	1000	11-1/2	3-1/2	25-1/4	**6-81-MR/CA-P-1030-S**
	12	3	1200	13-1/2	3	30-3/4	**6-81-MR/CA-P-1230-S**
X-TRA SOFT RUBBER / DONUT TREAD (XSR/DT) WHEELS WITH PRECISION BALL BEARINGS							
	10	2-1/2	950	11-1/2	3-1/2		**6-81-XSR/DT-P-1025-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 6-81-PB-P-0415-**S** becomes 6-81-PB-P-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 6-81-PB-P-0415-**SL** for Swivel Lock)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

6-81HD CONSTRUCTION FEATURES

Load Capacity Up to 2500 lbs.

- Single piece forged alloy steel top plate
- Integrally forged kingpin
- Forged alloy steel fork base
- Precision raceways, CNC machined: 3-1/4 in. diameter with 7/16 in. diameter balls
- Secondary load bearing: 3/4 in. bore tapered roller bearing for superior swiveling and perfect swivel head alignment
- Integrally forged 3/4 in. diameter kingpin UNF threaded with slotted nut arrangement for fine adjustment of swivel movements
- 5/16 in. thick x 2-1/2 in. legs cylindrically formed & robotically welded inside and outside to 2-1/2 in. fork spacing
- 3/4 in. wheel axle
- Finish is bright zinc plated or polymer painted (black)
- Optional 4-position directional lock slots and hardened raceways

Total Lock (TL/LE)

Directional Lock (DL)

RIG OPTIONS

DL	4-Way Directional Lock
TL/LE	Total Lock / Leading Edge
WFB	Wheel Face Brake

TOP PLATE DIMENSIONS

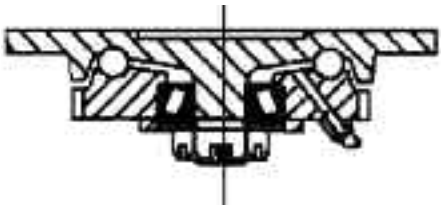
Top Plate Size: 4-1/2" x 6-1/4"

Bolt Hole Centers: 2-7/16" x 4-15/16"

Slotted to 3-5/8" x 5-1/4"

Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

6-81HD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Wheel Dia. (in)	Width (in)	OAH (in	Swivel Radius (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-FS-P-0630-S	6-81HD-FS-P-0630-R	6-81HD-FS-P-0630-S-TL/LE	6	3	7-1/2	5-1/2	2500
6-81HD-FS-P-0830-S	6-81HD-FS-P-0830-R	6-81HD-FS-P-0830-S-TL/LE	8	3	10-1/8	6-1/2	2500
6-81HD-FS-P-1030-S	6-81HD-FS-P-1030-R	6-81HD-FS-P-1030-S-TL/LE	10	3	11-1/2	7-3/4	2500
6-81HD-FS-P-1230-S	6-81HD-FS-P-1230-R	6-81HD-FS-P-1230-S-TL/LE	12	3	13-1/2	9-1/4	2500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-DU-P-0630-S	6-81HD-DU-P-0630-R	6-81HD-DU-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81HD-DU-P-0830-S	6-81HD-DU-P-0830-R	6-81HD-DU-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-DU-P-1030-S	6-81HD-DU-P-1030-R	6-81HD-DU-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-DU-P-1230-S	6-81HD-DU-P-1230-R	6-81HD-DU-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81HD-NY/MD-P-0630-S	6-81HD-NY/MD-P-0630-R	6-81HD-NY/MD-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81HD-NY/MD-P-0830-S	6-81HD-NY/MD-P-0830-R	6-81HD-NY/MD-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-NY/MD-P-1030-S	6-81HD-NY/MD-P-1030-R	6-81HD-NY/MD-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-NY/MD-P-1230-S	6-81HD-NY/MD-P-1230-R	6-81HD-NY/MD-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-SE-P-0630-S	6-81HD-SE-P-0630-R	6-81HD-SE-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81HD-SE-P-0830-S	6-81HD-SE-P-0830-R	6-81HD-SE-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-SE-P-1030-S	6-81HD-SE-P-1030-R	6-81HD-SE-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-SE-P-1230-S	6-81HD-SE-P-1230-R	6-81HD-SE-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-UR/HD/CA-P-0630-S	6-81HD-UR/HD/CA-P-0630-R	6-81HD-UR/HD/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2300
6-81HD-UR/HD/CA-P-0830-S	6-81HD-UR/HD/CA-P-0830-R	6-81HD-UR/HD/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-UR/HD/CA-P-1030-S	6-81HD-UR/HD/CA-P-1030-R	6-81HD-UR/HD/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-UR/HD/CA-P-1230-S	6-81HD-UR/HD/CA-P-1230-R	6-81HD-UR/HD/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-UR/CA/DT-P-0630-S	6-81HD-UR/CAI/DT-P-0630-R	6-81HD-UR/CA/DT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1875
6-81HD-UR/CA/DT-P-0830-S	6-81HD-UR/CA/DT-P-0830-R	6-81HD-UR/CA/DT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2400
6-81HD-UR/CA/DT-P-1030-S	6-81HD-UR/CA/DT-P-1030-R	6-81HD-UR/CA/DT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-UR/CA/DT-P-1230-S	6-81HD-UR/CA/DT-P-1230-R	6-81HD-UR/CA/DT-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-PY/CA-P-0630-S	6-81HD-PY/CA-P-0630-R	6-81HD-PY/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2100
6-81HD-PY/CA-P-0830-S	6-81HD-PY/CA-P-0830-R	6-81HD-PY/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81HD-PY/CA-P-1030-S	6-81HD-PY/CA-P-1030-R	6-81HD-PY/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81HD-PY/CA-P-1230-S	6-81HD-PY/CA-P-1230-R	6-81HD-PY/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
6-81HD-SWE/9/FT-P-0630-S	6-81HD-SWE/9/FT-P-0630-R	6-81HD-SWE/9/FT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1900
6-81HD-SWE/9/FT-P-0830-S	6-81HD-SWE/9/FT-P-0830-R	6-81HD-SWE/9/FT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2000
6-81HD-SWE/9/FT-P-1030-S	6-81HD-SWE/9/FT-P-1030-R	6-81HD-SWE/9/FT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2000
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81HD-ER/CA-P-0630-S	6-81HD-ER/CA-P-0630-R	6-81HD-ER/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	950
6-81HD-ER/CA-P-0830-S	6-81HD-ER/CA-P-0830-R	6-81HD-ER/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	1200
6-81HD-ER/CA-P-1030-S	6-81HD-ER/CA-P-1030-R	6-81HD-ER/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	1650
6-81HD-ER/CA-P-1230-S	6-81HD-ER/CA-P-1230-R	6-81HD-ER/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	1850

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number (i.e 6-81HD-FS-P-0630-S-**WFB** for Wheel Face Brake)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

6-81K FEATURES

Load Capacity Up to 4100 lbs.

- Top Plate: 5/16" AISI 1045 heat treated steel welded inside and out for longer life
- Swivel Section: 3" Diameter with 1/2" hard chrome balls in precision machined through hardened raceway with threaded ball plug
- Yoke Base: Notched AISI 1045 steel machined and through hardened to minimize ball indentation and wear
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle.
- Legs: 5/16" X 2-1/2" with inside and outside welds to swivel section for superior strength
- Axle: 3/4" diameter zerk axle with lock nut
- Finish: Zinc plating for greater corrosion resistance
- **Alternate or custom caster configurations available**

RIG OPTIONS

NS	Sealed Swivel
SLW	Swivel Lock - Welded
DSL	Swivel Lock - Detatchable
SLFI	Swivel Lock - Field Installable
SS	For severe corrosive conditions, these casters can be **Stainless Steel** and equipped with **Stainless Steel** components.

BRAKE OPTIONS

PCB	Poly Cam Brake
CBB	Cam Brake
FBB	Face Brake
FCB	Face Contact Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	4 1/2" x 6 1/4"	3 3/8" x 5 1/4" slotted to 2 7/16" x 4 15/16"	1/2"
D	5" x 5 1/2"	4 1/8" x 4 1/2"	3/8"
P	7 1/4" x 5 1/4"	4 1/8" x 6 1/8" slotted to 3 3/8" x 5 1/4"	1/2"
S	7" x 6"	4 5/8" x 5 5/8" slotted to 4 3/8" x 5 1/2"	1/2"

Any Size Top Plate, OAH and BHC,s can be made with this kingpinless style caster to meet any job requirement

Nylacron™ Wheels

With Precision Ball Bearings for Any Application: (NY/MD, NY/HSB, NY/MC, NY/GF)

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70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

6-81K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	4000	7-1/2	1-1/2	**6-81K-FS-R-0625-S**
	8	2-1/2	4000	10-1/8	2-1/4	**6-81K-FS-R-0825-S**
	8	3	5000	10-1/8	2-1/4	**6-81K-FS-R-0830-S**
	10	3	5000	11-1/2	2-1/2	**6-81K-FS-R-1030-S**
FORGED STEEL / V-GROOVED (FS/VG) WHEELS WITH ROLLER BEARINGS						
	8	3	5500	10-1/8	2-1/4	**6-81K-FS/VG-R-0830-S**
	10	3	5000	11-1/2	2-1/2	**6-81K-FS/VG-R-1030-S**
DUCTILE IRON / CROWN TREAD (DU/CR) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	3500	7-1/2	1-1/2	**6-81K-DU/CR-R-0625-S**
	6	3	5500	10-1/8	2-1/4	**6-81K-DU/CR-R-0630-S**
	8	3	5500	10-1/8	2-1/4	**6-81K-DU/CR-R-0830-S**
	10	3	5500	11-1/2	2-1/2	**6-81K-DU/CR-R-1030-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	2000	7-1/2	1-1/2	**6-81K-CA-R-0625-S**
	6	3	2800	7-1/2	1-1/2	**6-81K-CA-R-0630-S**
	8	2-1/2	2300	10-1/8	2-1/4	**6-81K-CA-R-0825-S**
	8	3	2800	10-1/8	2-1/4	**6-81K-CA-R-0830-S**
	10	2-1/2	2300	11-1/2	2-1/2	**6-81K-CA-R-1025-S**
	10	3	2800	11-1/2	2-1/2	**6-81K-CA-R-1030-S**
	12	3	2800	13-1/2	3	**6-81K-CA-R-1230-S**
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	2500	7-1/2	1-1/2	**6-81K-CA/VG-R-0625-S**
	8	2-1/2	2500	10-1/8	2-1/4	**6-81K-CA/VG-R-0825-S**
	8	3	2500	10-1/8	2-1/4	**6-81K-CA/VG-R-0830-S**
	10	3	3500	11-1/2	2-1/2	**6-81K-CA/VG-R-1030-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	4100	7-1/2	1-1/2	**6-81K-NY/MD-P-0625-S**
	6	3	4100	7-1/2	1-1/2	**6-81K-NY/MD-P-0630-S**
	8	2-1/2	4100	10-1/8	2-1/4	**6-81K-NY/MD-P-0825-S**
	8	3	4100	10-1/8	2-1/4	**6-81K-NY/MD-P-0830-S**
	10	2-1/2	4100	11-1/2	2-1/2	**6-81K-NY/MD-P-1025-S**
	10	3	4100	11-1/2	2-1/2	**6-81K-NY/MD-P-1030-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	1600	7-1/2	1-1/2	**6-81K-TM-R-0625-S**
	6	3	2000	7-1/2	1-1/2	**6-81K-TM-R-0630-S**
	8	2-1/2	2000	10-1/8	2-1/4	**6-81K-TM-R-0825-S**
	8	3	2500	10-1/8	2-1/4	**6-81K-TM-R-0830-S**
	10	2-1/2	2500	11-1/2	2-1/2	**6-81K-TM-R-1025-S**
	10	3	2900	11-1/2	2-1/2	**6-81K-TM-R-1030-S**
	12	2-1/2	3000	13-1/2	3	**6-81K-TM-R-1225-S**
	12	3	3500	13-1/2	3	**6-81K-TM-R-1230-S**
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	2350	7-1/2	1-1/2	**6-81K-VU//CA-P-0625-S**
	6	3	3000	7-1/2	1-1/2	**6-81K-VU//CA-P-0630-S**
	8	2-1/2	2900	10-1/8	2-1/4	**6-81K-VU//CA-P-0825-S**
	8	3	4000	10-1/8	2-1/4	**6-81K-VU//CA-P-0830-S**
	10	2-1/2	3450	11-1/2	2-1/2	**6-81K-VU//CA-P-1025-S**
	10	3	5000	11-1/2	2-1/2	**6-81K-VU//CA-P-1030-S**
VULKOLLAN™ THICK TREAD / CAST IRON CORE (VU/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	2350	7-1/2	1-1/2	**6-81K-VU/TT/CA-P-0625-S**
	6	3	3000	7-1/2	1-1/2	**6-81K-VU/TT/CA-P-0630-S**
	8	2-1/2	2900	10-1/8	2-1/4	**6-81K-VU/TT/CA-P-0825-S**
	8	3	4000	10-1/8	2-1/4	**6-81K-VU/TT/CA-P-0830-S**
	10	2-1/2	3450	11-1/2	2-1/2	**6-81K-VU/TT/CA-P-1025-S**
(Continued on Next Page)	10	3	5000	11-1/2	2-1/2	**6-81K-VU/TT/CA-P-1030-S**

6-81K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	1620	7-1/2	1-1/2	**6-81K-PY/CA-P-0625-S**
	6	3	2040	7-1/2	1-1/2	**6-81K-PY/CA-P-0630-S**
	8	2-1/2	2010	10-1/8	2-1/4	**6-81K-PY/CA-P-0825-S**
	8	3	2520	10-1/8	2-1/4	**6-81K-PY/CA-P-0830-S**
	10	2-1/2	2370	11-1/2	2-1/2	**6-81K-PY/CA-P-1025-S**
	10	3	3000	11-1/2	2-1/2	**6-81K-PY/CA-P-1030-S**
	12	2-1/2	2700	13-1/2	3	**6-81K-PY/CA-P-1225-S**
	12	3	3420	13-1/2	3	**6-81K-PY/CA-P-1230-S**
POLYURETHANE THICK TREAD / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	3	2040	7-1/2	1-1/2	**6-81K-PY/TT/CA-P-0630-S**
	8	3	2520	10-1/8	2-1/4	**6-81K-PY/TT/CA-P-0830-S**
	10	2-1/2	2370	11-1/2	2-1/2	**6-81K-PY/TT/CA-P-1025-S**
	10	3	3000	11-1/2	2-1/2	**6-81K-PY/TT/CA-P-1030-S**
	12	2-1/2	2700	13-1/2	3	**6-81K-PY/TT/CA-P-1225-S**
	12	3	3420	13-1/2	3	**6-81K-PY/TT/CA-P-1230-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	2010	10-1/8	2-1/4	**6-81K-PY/AL-P-0825-S**
	8	3	2520	10-1/8	2-1/4	**6-81K-PY/AL-P-0830-S**
	10	2-1/2	2370	11-1/2	2-1/2	**6-81K-PY/AL-P-1025-S**
	10	3	3000	11-1/2	2-1/2	**6-81K-PY/AL-P-1030-S**
X-TREME PLUS SOLID POLYURETHANE (XP/ PY) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	2000	10-1/8	2-1/4	**6-81K-XP/PY-P-0825-S**
	8	3	2000	10-1/8	2-1/4	**6-81K-XP/PY-P-0830-S**
	10	2-1/2	2500	11-1/2	2-1/2	**6-81K-XP/PY-P-1025-S**
	10	3	2500	11-1/2	2-1/2	**6-81K-XP/PY-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**						
	6	3	1900	7-1/2	2-1/4	**6-81K-SWE/9/FT-P-0630-S**
	8	3	3000	10-1/8	2-1/4	**6-81K-SWE/9/FT-P-0830-S**
	10	3	3500	11-1/2	2-1/2	**6-81K-SWE/9/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**						
	6	3	1400	7-1/2	2-1/4	**6-81K-SWE/8/FT-P-0630-S**
	8	3	2300	10-1/8	2-1/4	**6-81K-SWE/8/FT-P-0830-S**
	10	3	3500	11-1/2	2-1/2	**6-81K-SWE/8/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**						
	6	3	900	7-1/2	2-1/4	**6-81K-SWE/7/FT-P-0630-S**
	8	3	1400	10-1/8	2-1/4	**6-81K-SWE/7/FT-P-0830-S**
	10	3	2200	11-1/2	2-1/2	**6-81K-SWE/7/FT-P-1030-S**
HEAVY DUTY MOLDON RUBBER / CA CORE (MH/CA) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	1300	10-1/8	2-1/4	**6-81K-MH/CA-P-0825-S**
	10	2-1/2	1500	11-1/2	2-1/2	**6-81K-MH/CA-P-1025-S**
	10	3	1800	11-1/2	2-1/2	**6-81K-MH/CA-P-1030-S**
	12	2-1/2	1700	13-1/2	3	**6-81K-MH/CA-P-1225-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	700	7-1/2	1-1/2	**6-81K-MR/CA-P-0625-S**
	6	3	750	7-1/2	1-1/2	**6-81K-MR/CA-P-0630-S**
	8	2-1/2	850	10-1/8	2-1/4	**6-81K-MR/CA-P-0825-S**
	8	3	900	10-1/8	2-1/4	**6-81K-MR/CA-P-0830-S**
	10	2-1/2	950	11-1/2	2-1/2	**6-81K-MR/CA-P-1025-S**
	10	3	1000	11-1/2	2-1/2	**6-81K-MR/CA-P-1030-S**
	12	2-1/2	950	13-1/2	3	**6-81K-MR/CA-P-1225-S**
	12	3	1200	13-1/2	3	**6-81K-MR/CA-P-1230-S**
X-TRA SOFT RUBBER / DONUT TREAD (XSR/DT) WHEELS WITH PRECISION BALL BEARINGS						
	10	2-1/2	850	11-1/2	2-1/2	**6-81K-XSR/DT-P-1025-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

All load ratings are for manual operation at 2 mph. For rigid casters, change "S" to "R" (i.e. 6-81K-PB-R-0415-**S** becomes 6-81K-PB-R-0415-**R**)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

6-81KHD CONSTRUCTION FEATURES

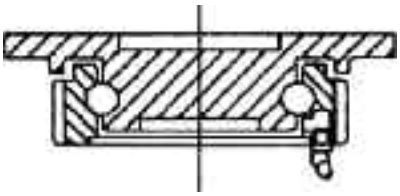
Load Capacity Up to 3500 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision raceways, CNC machined
- Induction hardened raceway ensure longevity of the swivel
- Totally sealed swivel head with grease nipple
- 1/4 in. thick cylindrically formed legs robotically welded inside and outside to 65mm fork spacing
- 1/2 in. wheel axle
- 3-1/2 in. hub length
- Finish is zinc plated, ROHS compliant or black polymer color-coated

RIG OPTIONS

DL	4-Way Directional Lock
TL/LE	Total Lock / Leading Edge
WFB	Wheel Face Brake

SWIVEL CROSS SECTION



Top Plate Options

(Standard)
Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-7/16" x 4-15/16" slotted to 3-5/8" x 5-1/4"
Attaching Bolt: 1/2"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

6-81KHD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (TL/LE)*	Wheel Dia. (in)	Width (in)	OAH (in	Swivel Radius (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-FS-P-0630-S	6-81KHD-FS-P-0630-R	6-81KHD-FS-P-0630-S-TL/LE	6	3	7-1/2	5-1/2	3500
6-81KHD-FS-P-0830-S	6-81KHD-FS-P-0830-R	6-81KHD-FS-P-0830-S-TL/LE	8	3	10-1/8	6-1/2	3500
6-81KHD-FS-P-1030-S	6-81KHD-FS-P-1030-R	6-81KHD-FS-P-1030-S-TL/LE	10	3	11-1/2	7-3/4	3500
6-81KHD-FS-P-1230-S	6-81KHD-FS-P-1230-R	6-81KHD-FS-P-1230-S-TL/LE	12	3	13-1/2	9-1/4	3500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-DU-P-0630-S	6-81KHD-DU-P-0630-R	6-81KHD-DU-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81KHD-DU-P-0830-S	6-81KHD-DU-P-0830-R	6-81KHD-DU-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-DU-P-1030-S	6-81KHD-DU-P-1030-R	6-81KHD-DU-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-DU-P-1230-S	6-81KHD-DU-P-1230-R	6-81KHD-DU-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81KHD-NY/MD-P-0630-S	6-81KHD-NY/MD-P-0630-R	6-81KHD-NY/MD-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	3500
6-81KHD-NY/MD-P-0830-S	6-81KHD-NY/MD-P-0830-R	6-81KHD-NY/MD-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	3500
6-81KHD-NY/MD-P-1030-S	6-81KHD-NY/MD-P-1030-R	6-81KHD-NY/MD-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	3500
6-81KHD-NY/MD-P-1230-S	6-81KHD-NY/MD-P-1230-R	6-81KHD-NY/MD-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	3500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-SE-P-0630-S	6-81KHD-SE-P-0630-R	6-81KHD-SE-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2500
6-81KHD-SE-P-0830-S	6-81KHD-SE-P-0830-R	6-81KHD-SE-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-SE-P-1030-S	6-81KHD-SE-P-1030-R	6-81KHD-SE-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-SE-P-1230-S	6-81KHD-SE-P-1230-R	6-81KHD-SE-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-UR/HD/CA-P-0630-S	6-81KHD-UR/HD/CA-P-0630-R	6-81KHD-UR/HD/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2300
6-81KHD-UR/HD/CA-P-0830-S	6-81KHD-UR/HD/CA-P-0830-R	6-81KHD-UR/HD/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-UR/HD/CA-P-1030-S	6-81KHD-UR/HD/CA-P-1030-R	6-81KHD-UR/HD/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-UR/HD/CA-P-1230-S	6-81KHD-UR/HD/CA-P-1230-R	6-81KHD-UR/HD/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-UR/CA/DT-P-0630-S	6-81KHD-UR/CAI/DT-P-0630-R	6-81KHD-UR/CA/DT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1875
6-81KHD-UR/CA/DT-P-0830-S	6-81KHD-UR/CA/DT-P-0830-R	6-81KHD-UR/CA/DT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2400
6-81KHD-UR/CA/DT-P-1030-S	6-81KHD-UR/CA/DT-P-1030-R	6-81KHD-UR/CA/DT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-UR/CA/DT-P-1230-S	6-81KHD-UR/CA/DT-P-1230-R	6-81KHD-UR/CA/DT-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-PY/CA-P-0630-S	6-81KHD-PY/CA-P-0630-R	6-81KHD-PY/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	2100
6-81KHD-PY/CA-P-0830-S	6-81KHD-PY/CA-P-0830-R	6-81KHD-PY/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2500
6-81KHD-PY/CA-P-1030-S	6-81KHD-PY/CA-P-1030-R	6-81KHD-PY/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2500
6-81KHD-PY/CA-P-1230-S	6-81KHD-PY/CA-P-1230-R	6-81KHD-PY/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	2500
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
6-81KHD-SWE/9/FT-P-0630-S	6-81KHD-SWE/9/FT-P-0630-R	6-81KHD-SWE/9/FT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1900
6-81KHD-SWE/9/FT-P-0830-S	6-81KHD-SWE/9/FT-P-0830-R	6-81KHD-SWE/9/FT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2000
6-81KHD-SWE/9/FT-P-1030-S	6-81KHD-SWE/9/FT-P-1030-R	6-81KHD-SWE/9/FT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2000
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD-ER/CA-P-0630-S	6-81KHD-ER/CA-P-0630-R	6-81KHD-ER/CA-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	950
6-81KHD-ER/CA-P-0830-S	6-81KHD-ER/CA-P-0830-R	6-81KHD-ER/CA-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	1200
6-81KHD-ER/CA-P-1030-S	6-81KHD-ER/CA-P-1030-R	6-81KHD-ER/CA-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	1650
6-81KHD-ER/CA-P-1230-S	6-81KHD-ER/CA-P-1230-R	6-81KHD-ER/CA-P-1230-S-TL/LE	12	3	13-1/2	6-9/16	1850

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number (i.e 6-81KHD-FS-P-0630-S-**WFB** for Wheel Face Brake)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

6-81KHD/DW CONSTRUCTION FEATURES

Load Capacity Up to 3500 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision raceways, CNC machined
- Induction hardened raceway ensure longevity of the swivel
- Totally sealed swivel head with grease nipple
- 1/4 in. thick cylindrically formed legs robotically welded inside and outside to 65mm x 2 fork spacing
- 1/2 in. wheel axle
- Finish is zinc plated, ROHS compliant or black polymer color-coated

FCB

RIG OPTIONS

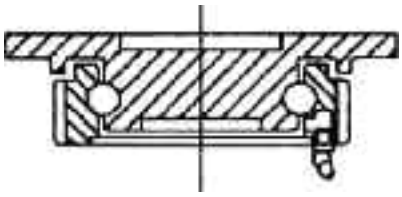
DL	4-Way Directional Lock
FCB	Face Contact Brake

TOP PLATE OPTIONS

(Standard)
Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-7/16" x 4-15/16"
slotted to 3-5/8" x 5-1/4"
Attaching Bolt: 1/2"

TP90 (Optional)
Top Plate: 5-1/4" x 7-1/4"
Bolt Hole Centers: 3-3/8" x 5-1/4"
slotted to 4-1/8" x 6-1/8"
Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



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The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

6-81KHD/DW CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (FCB)*	Whl. Dia. (in)	Width (in)	OAH (in	Swl. Rad. (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-FS-P-0630-S	6-81KHD/DW-FS-P-0630-R	6-81KHD/DW-FS-P-0630-S-FCB	6	3	7-1/2	5-1/2	3500
6-81KHD/DW-FS-P-0830-S	6-81KHD/DW-FS-P-0830-R	6-81KHD/DW-FS-P-0830-S-FCB	8	3	10-1/8	6-1/2	3500
6-81KHD/DW-FS-P-1030-S	6-81KHD/DW-FS-P-1030-R	6-81KHD/DW-FS-P-1030-S-FCB	10	3	11-1/2	7-3/4	3500
6-81KHD/DW-FS-P-1230-S	6-81KHD/DW-FS-P-1230-R	6-81KHD/DW-FS-P-1230-S-FCB	12	3	13-1/2	9-1/4	3500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-DU-P-0630-S	6-81KHD/DW-DU-P-0630-R	6-81KHD/DW-DU-P-0630-S-FCB	6	3	7-1/2	3-5/8	3500
6-81KHD/DW-DU-P-0830-S	6-81KHD/DW-DU-P-0830-R	6-81KHD/DW-DU-P-0830-S-FCB	8	3	10-1/8	4-5/8	3500
6-81KHD/DW-DU-P-1030-S	6-81KHD/DW-DU-P-1030-R	6-81KHD/DW-DU-P-1030-S-FCB	10	3	11-1/2	5-1/4	3500
6-81KHD/DW-DU-P-1230-S	6-81KHD/DW-DU-P-1230-R	6-81KHD/DW-DU-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81KHD/DW-NY/MD-P-0630-S	6-81KHD/DW-NY/MD-P-0630-R	6-81KHD/DW-NY/MD-P-0630-S-FCB	6	3	7-1/2	3-5/8	3500
6-81KHD/DW-NY/MD-P-0830-S	6-81KHD/DW-NY/MD-P-0830-R	6-81KHD/DW-NY/MD-P-0830-S-FCB	8	3	10-1/8	4-5/8	3500
6-81KHD/DW-NY/MD-P-1030-S	6-81KHD/DW-NY/MD-P-1030-R	6-81KHD/DW-NY/MD-P-1030-S-FCB	10	3	11-1/2	5-1/4	3500
6-81KHD/DW-NY/MD-P-1230-S	6-81KHD/DW-NY/MD-P-1230-R	6-81KHD/DW-NY/MD-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-SE-P-0630-S	6-81KHD/DW-SE-P-0630-R	6-81KHD/DW-SE-P-0630-S-FCB	6	3	7-1/2	3-5/8	2500
6-81KHD/DW-SE-P-0830-S	6-81KHD/DW-SE-P-0830-R	6-81KHD/DW-SE-P-0830-S-FCB	8	3	10-1/8	4-5/8	2600
6-81KHD/DW-SE-P-1030-S	6-81KHD/DW-SE-P-1030-R	6-81KHD/DW-SE-P-1030-S-FCB	10	3	11-1/2	5-1/4	3000
6-81KHD/DW-SE-P-1230-S	6-81KHD/DW-SE-P-1230-R	6-81KHD/DW-SE-P-1230-S-FCB	12	3	13-1/2	6-9/16	3400
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-UR/HD/CA-P-0630-S	6-81KHD/DW-UR/HD/CA-P-0630-R	6-81KHD/DW-UR/HD/CA-P-0630-S-FCB	6	3	7-1/2	3-5/8	2300
6-81KHD/DW-UR/HD/CA-P-0830-S	6-81KHD/DW-UR/HD/CA-P-0830-R	6-81KHD/DW-UR/HD/CA-P-0830-S-FCB	8	3	10-1/8	4-5/8	3100
6-81KHD/DW-UR/HD/CA-P-1030-S	6-81KHD/DW-UR/HD/CA-P-1030-R	6-81KHD/DW-UR/HD/CA-P-1030-S-FCB	10	3	11-1/2	5-1/4	3500
6-81KHD/DW-UR/HD/CA-P-1230-S	6-81KHD/DW-UR/HD/CA-P-1230-R	6-81KHD/DW-UR/HD/CA-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) 95A WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-UR/CA/DT-P-0630-S	6-81KHD/DW-UR/CAI/DT-P-0630-R	6-81KHD/DW-UR/CA/DT-P-0630-S-FCB	6	3	7-1/2	3-5/8	1850
6-81KHD/DW-UR/CA/DT-P-0830-S	6-81KHD/DW-UR/CA/DT-P-0830-R	6-81KHD/DW-UR/CA/DT-P-0830-S-FCB	8	3	10-1/8	4-5/8	2400
6-81KHD/DW-UR/CA/DT-P-1030-S	6-81KHD/DW-UR/CA/DT-P-1030-R	6-81KHD/DW-UR/CA/DT-P-1030-S-FCB	10	3	11-1/2	5-1/4	2850
6-81KHD/DW-UR/CA/DT-P-1230-S	6-81KHD/DW-UR/CA/DT-P-1230-R	6-81KHD/DW-UR/CA/DT-P-1230-S-FCB	12	3	13-1/2	6-9/16	3500
POLYURETHANE / CAST IRON CORE (PY/CA) 85A WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-PY/CA-P-0630-S	6-81KHD/DW-PY/CA-P-0630-R	6-81KHD/DW-PY/CA-P-0630-S-FCB	6	3	7-1/2	3-5/8	1750
6-81KHD/DW-PY/CA-P-0830-S	6-81KHD/DW-PY/CA-P-0830-R	6-81KHD/DW-PY/CA-P-0830-S-FCB	8	3	10-1/8	4-5/8	2500
6-81KHD/DW-PY/CA-P-1030-S	6-81KHD/DW-PY/CA-P-1030-R	6-81KHD/DW-PY/CA-P-1030-S-FCB	10	3	11-1/2	5-1/4	3000
6-81KHD/DW-PY/CA-P-1230-S	6-81KHD/DW-PY/CA-P-1230-R	6-81KHD/DW-PY/CA-P-1230-S-FCB	12	3	13-1/2	6-9/16	3200
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
6-81KHD/DW-SWE/9/FT-P-0630-S	6-81KHD/DW-SWE/9/FT-P-0630-R	6-81KHD/DW-SWE/9/FT-P-0630-S-TL/LE	6	3	7-1/2	3-5/8	1900
6-81KHD/DW-SWE/9/FT-P-0830-S	6-81KHD/DW-SWE/9/FT-P-0830-R	6-81KHD/DW-SWE/9/FT-P-0830-S-TL/LE	8	3	10-1/8	4-5/8	2000
6-81KHD/DW-SWE/9/FT-P-1030-S	6-81KHD/DW-SWE/9/FT-P-1030-R	6-81KHD/DW-SWE/9/FT-P-1030-S-TL/LE	10	3	11-1/2	5-1/4	2000
ELASTIC RUBBER / CAST IRON CORE (ER/CA) 75A WHEELS WITH PRECISION BALL BEARINGS							
6-81KHD/DW-ER/CA-P-0630-S	6-81KHD/DW-ER/CA-P-0630-R	6-81KHD/DW-ER/CA-P-0630-S-FCB	6	3	7-1/2	3-5/8	950
6-81KHD/DW-ER/CA-P-0830-S	6-81KHD/DW-ER/CA-P-0830-R	6-81KHD/DW-ER/CA-P-0830-S-FCB	8	3	10-1/8	4-5/8	1200
6-81KHD/DW-ER/CA-P-1030-S	6-81KHD/DW-ER/CA-P-1030-R	6-81KHD/DW-ER/CA-P-1030-S-FCB	10	3	11-1/2	5-1/4	1650
6-81KHD/DW-ER/CA-P-1230-S	6-81KHD/DW-ER/CA-P-1230-R	6-81KHD/DW-ER/CA-P-1230-S-FCB	12	3	13-1/2	6-9/16	1850

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number (i.e 6-81KHD/DW-FS-P-0630-S-**WFB** for Wheel Face Brake)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

6-81K/SA & 6-81KHD/SA RIG FEATURES

Load Capacity Up to 2000 lbs.

- Load Springs: Different load springs for permits wide variation in ride "softness."
- Complete Line: Available on all 6-81K SA and 6-81KHD SA series Kingpinless models. Consult Acorn™ for more information.
- Swivel Section: Kingpinless design. Ball bearing mounted in a machined raceway.
- Axle: 3/4" diameter standard. Optional 1" diameter available.

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

KEY FEATURE

6-81K/SA and 6-81KHD/SA spring loaded casters offer greater capacity and protection from damaging shock or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS

- Aviation Ground Support
- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

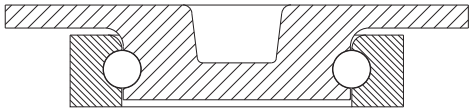
WHEEL TYPES

WHEEL TYPES	WHEEL CODE	BEARING
Nylacron™ MD	NY/MD	Precision Ball
Urethane 80A / Cast Iron Core	UR8/CA	Precision Ball
Urethane 95A / Cast Iron Core	UR9/CA	Precision Ball
Thick Tread Polyurethane	PY/TT	Precision Ball
Vulkollan™ / Cast Iron Core	VU/CA	Precision Ball
Vulkollan™ Thick Tread	VU/TT	Precision Ball

Additional wheels available, consult Acorn™.

6-81K/SA CROSS SECTION

6-81KHD/SA CROSS SECTION



6-81K/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	10.88"	4.88	8	**6-81K/SA-YA-06401S**
6	3	2000	1.30"	10.88"	4.88	8.06	**6-81K/SA-YA-06501S**
8	2-1/2	2000	1.30"	11.88"	4.88	9	**6-81K/SA-YA-08401S**
8	3	2000	1.30"	11.88"	4.88	9.06	**6-81K/SA-YA-08501S**
10	2-1/2	2000	1.30"	14"	4.88	10	**6-81K/SA-YA-10401S**
10	3	2000	1.30"	14"	4.88	10.06	**6-81K/SA-YA-10501S**
12	2-1/2	2700	1.30"	16"	5.69	11.81	**6-81K/SA-YA-12401S**
12	3	3000	1.30"	16"	5.69	11.88	**6-81K/SA-YA-12501S**

For rigid casters, change “S” to “R” (i.e. 6-81K/SA-YA-06401**S**01 becomes 6-81K/SA-YA-06401**R**01)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

6-81KHD/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	10.88"	4.88"	8	**6-81KHD/SA-YA-06401S**
6	3	2000	1.30"	10.88"	4.88"	8.06	**6-81KHD/SA-YA-06501S**
8	2-1/2	2000	1.30"	11.88"	4.88"	9.00	**6-81KHD/SA-YA-08401S**
8	3	2000	1.30"	11.88"	4.88"	9.06	**6-81KHD/SA-YA-08501S**
10	2-1/2	2000	1.30"	14"	4.88"	10	**6-81KHD/SA-YA-10401S**
10	3	2000	1.30"	14"	4.88"	10.06	**6-81KHD/SA-YA-10501S**
12	3	3000	1.30"	16"	5.69"	11.88	**6-81KHD/SA-YA-12501S**

For rigid casters, change “S” to “R” (i.e. 6-81KHD/SA-YA-06401**S**01 becomes 6-81KHD/SA-YA-06401**R**01)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

MOUNTING PLATE (6-81K/SA)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	4 1/2” x 6 1/4”	3 3/8” x 5 1/4” slotted to 2 7/16” x 4 15/16”	1/2”
D	5” x 5 1/2”	4 1/8” x 4 1/2”	3/8”
P	7 1/4” x 5 1/4”	4 1/8” x 6 1/8” slotted to 3 3/8” x 5 1/4”	1/2”
S	7” x 6”	4 5/8” x 5 5/8” slotted to 4 3/8” x 5 1/2”	1/2”

Any Size Top Plate, OAH and BHC,s can be made with this kingpinless style caster to meet any job requirement

MOUNTING PLATE (6-81KHD/SA)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	4 1/2” x 6 1/4”	3 3/8” x 5 1/4” slotted to 2 7/16” x 4 15/16”	1/2”

6-81K/DW - DUAL WHEEL KINGPINLESS CASTER

Load Capacity Up to 3600 lbs.

- Raceway Design: Patented Kinpinless single ball bearing precision machined raceway hardened to 53 Rockwell C minimum. Swivel section features a 3" diameter raceway with 1/2" ball bearings. The notched yoke is standard.
- Finish: Laguna Blue paint
- Axle: 1/2" bolt, locking nut and lubrication fittings
- Leg Thickness: 5/16" formed steel. Center leg support is added for increased strength.
- Wheels: All wheels are 2" wide with 3/4" I.D. roller bearings that are prelubricated and rotate on individual spanner bushings or annular ball bearings for ease of rollability.
- Mounting Plate Size: 4-1/2" x 6-1/2" x 5/16"
- Bolt Hole Spacing: 2-7/16" x 4-15/16", slotted to 3-3/8" x 5-1/4"
- Mounting Bolt Diameter: 1/2"

SWIVEL CROSS SECTION

BRAKE OPTIONS

CWB	Cam Wheel Brake

SWIVEL RIG OPTIONS

HT	High Temperature Lubrication
LT	Low Temperature Lubrication
DSL	Demountable Swivel Lock
SL	Swivel Lock
SR	Sealed Swivel Raceway
TG	Thread Guard

To order a rigid caster, change the "S" to "R" in the model number. Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. For approximate weight of our rigid casters, deduct 3.9 pounds.

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard)	4-1/2" x 6-1/4"	5-1/4" x 3-3/8" slotted to 4-15/16" x 2-7/16"	3/8"
42	4" x 4-1/2"	2-5/8" x 3-5/8" slotted to 3" x 3"	3/8"
43	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"

6-81K/DW DUAL WHEEL KINGPINLESS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	5”	2”	2000	7-1/2”	1-7/16”	17	**6-81K/DW-CA-R-0520-S**
	6”	2”	2400	8”	1-7/16”	18-1/2	**6-81K/DW-CA-R-0620-S**
	8”	2”	2800	10-1/8”	2-1/16”	23	**6-81K/DW-CA-R-0820-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	5”	2”	2200	7-1/2”	1-7/16”	11-1/2	**6-81K/DW-NY/MD-P-0520-S**
	6”	2”	2500	8”	1-7/16”	12-1/2	**6-81K/DW-NY/MD-P-0620-S**
	8”	2”	3000	10-1/8”	2-1/16”	15	**6-81K/DW-NY/MD-P-0820-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	5”	2”	2000	7-1/2”	1-7/16”	11-1/2	**6-81K/DW-TM-R-0520-S**
	6”	2”	2400	8”	1-7/16”	12-1/2	**6-81K/DW-TM-R-0620-S**
	8”	2”	2800	10-1/8”	2-1/16”	15	**6-81K/DW-TM-R-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
	5”	2”	1400	7-1/2”	1-7/16”	12-1/2	**6-81K/DW-SWE/9/FT-P-0520-S**
	6”	2”	1900	8”	1-7/16”	13-1/2	**6-81K/DW-SWE/9/FT-P-0620-S**
	8”	2”	3000	10-1/8”	2-1/16”	16	**6-81K/DW-SWE/9/FT-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH PRECISION BEARINGS (ALSO AVAILABLE CROWN TREAD)							
	5”	2”	1050	7-1/2”	1-7/16”	12-1/2	**6-81K/DW-SWE/8/FT-P-0520-S**
	6”	2”	1400	8”	1-7/16”	13-1/2	**6-81K/DW-SWE/8/FT-P-0620-S**
	8”	2”	2300	10-1/8”	2-1/16”	16	**6-81K/DW-SWE/8/FT-P-0820-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH PRECISION BEARINGS (ALSO AVAILABLE IN CROWN TREAD)							
	5”	2”	1550	7-1/2”	1-7/16”	12-1/2	**6-81K/DW-SWE/6/FT-P-0520-S**
	6”	2”	2200	8”	1-7/16”	13-1/2	**6-81K/DW-SWE/6/FT-P-0620-S**
	8”	2”	3500	10-1/8”	2-1/16”	16	**6-81K/DW-SWE/6/FT-P-0820-S**
URETHANE / DONUT TREAD / CAST IRON CORE (UR/DT/CA) WHEELS WITH PRECISION ALL BEARINGS							
	5”	2”	2000	7-1/2”	1-7/16”	15-1/2	**6-81K/DW-UR/DT/CA-P-0520-S**
	6”	2”	2500	8”	1-7/16”	16-1/2	**6-81K/DW-UR/DT/CA-P-0620-S**
	8”	2”	3400	10-1/8”	2-1/16”	17-1/2	**6-81K/DW-UR/DT/CA-P-0820-S**
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	5”	2”	2100	7-1/2”	1-7/16”	16-1/2	**6-81K/DW-UR/CA-P-0520-S**
	6”	2”	2460	8”	1-7/16”	17-1/2	**6-81K/DW-UR/CA-P-0620-S**
	8”	2”	3000	10-1/8”	2-1/16”	18-1/2	**6-81K/DW-UR/CA-P-0820-S**
URETHANE / THICK TREAD / CAST IRON CORE (UR/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	5”	2”	1500	7-1/2”	1-7/16”	16-1/2	**6-81K/DW-UR/TT/CA-P-0520-S**
	6”	2”	2000	8”	1-7/16”	17-1/2	**6-81K/DW-UR/TT/CA-P-0620-S**
	8”	2”	2900	10-1/8”	2-1/16”	18-1/2	**6-81K/DW-UR/TT/CA-P-0820-S**
OMEGA (UO) WHEELS WITH TAPERED ROLLER BEARINGS							
	6”	2”	2000	8”	1-7/16”	16-1/2	**6-81K/DW-UO-T-0620-S**
	8”	2”	2400	10-1/8”	2-1/16”	18	**6-81K/DW-UO-T-0820-S**

***Add “B” for Ball Bearing, “P” for Precision Bearing, “PL” for Plain Bearing, “R” for Roller Bearing or “T” for Tapered Bearing**

Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. **Additional wheels available.**

6-81KSS CONSTRUCTION FEATURES

Load Capacity Up to 2500 lbs.

- Raceway: Double ball stainless steel. Frmed smooth for easy swivel action with 3/8" SS balls in the upper raceway and 5/16" in the lower.
- Swivel Section: 3" Diameter with 1/2" hard SS balls in precision machined raceway with threaded ball plug
- Yoke Base: Notched Stainless Steel
- King Pin & Nut: 3/4" diameter, Stainless Steel welded and heat treated for longer life
- Top Plate: 1/4" Stainless steel
- Legs: 3/4" diameter SS axle with or without zerk and SS lock nut section
- Axle & Lock Nut: Stainless steel. 3/4" without SS zerk.
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle

SWIVEL RIG OPTIONS

SL/SS	Swivel Lock - Stainless Steel
NS	Sealed Swivel

BRAKE OPTIONS

CB/SS	Cam Brake - Stainless Steel
FCB/SS	Face Contact Brake - Stainless Steel

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
(Standard Swivel)	4 1/2" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
(Standard Rigid)	5" x 6 1/4"	2 7/16" x 4 15/16" slotted to 3 3/8" x 5 1/4"	1/2"
TPD	5" x 5 1/2"	4 1/8" x 4 1/4"	3/8"
TPW	4 1/2" x 7 1/4"	3 1/4" x 6"	1/2"

Any Size Top Plate, OAH and BHC,s can be made with this kingpinless style caster to meet any job requirement

STAINLESS STEEL
FLOOR LOCKS AVAILABLE

Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

6-81KSS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
NYLACRON™ (NY) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	6	2-1/2	2500	7-1/2	1-3/8	12	**6-81KSS-NY-P-0625-S**
	6	3	2500	7-1/2	1-3/8	13	**6-81KSS-NY-P-0630-S**
	8	2-1/2	2500	10-1/8	2-3/32	15	**6-81KSS-NY-P-0825-S**
	8	3	2500	10-1/8	2-3/32	16	**6-81KSS-NY-P-0830-S**
	10	2-1/2	2500	11-1/2	2-1/4	18	**6-81KSS-NY-P-1025-S**
	10	3	2500	11-1/2	2-1/4	20	**6-81KSS-NY-P-1030-S**
	12	2-1/2	2500	13-1/2	2-11/16	22	**6-81KSS-NY-P-1225-S**
	12	3	2500	13-1/2	2-11/16	24	**6-81KSS-NY-P-1230-S**
SOLID ELASTOMER (SE) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	6	2-1/2	1500	7-1/2	1-3/8	12	**6-81KSS-SE-P-0625-S**
	8	2-1/2	1650	10-1/8	2-3/32	15	**6-81KSS-SE-P-0825-S**
	10	2-1/2	1800	11-1/2	1-3/8	12	**6-81KSS-SE-P-1025-S**
	12	2-1/2	2000	13-1/2	1-3/8	12	**6-81KSS-SE-P-1225-S**
HIGH TEMP PHENOLIC (TR) WHEELS WITH STAINLESS STEEL PRECISION BALL BEARINGS							
	6	2-1/2	1300	7-1/2	1-3/8	12	**6-81KSS-TR-P-0625-S**
	6	3	1700	7-1/2	1-3/8	13	**6-81KSS-TR-P-0630-S**
	8	2-1/2	1600	10-1/8	2-3/32	15	**6-81KSS-TR-P-0825-S**
	8	3	1900	10-1/8	2-3/32	16	**6-81KSS-TR-P-0830-S**
	10	2-1/2	2000	11-1/2	2-1/4	18	**6-81KSS-TR-P-1025-S**
	10	3	2400	11-1/2	2-1/4	20	**6-81KSS-TR-P-1030-S**
	12	2-1/2	2400	13-1/2	2-11/16	22	**6-81KSS-TR-P-1225-S**
	12	3	2500	13-1/2	2-11/16	24	**6-81KSS-TR-P-1230-S**
PHENOLIC (TM) WHEELS WITH STAINLESS STEEL ROLLER BEARINGS							
	6	2-1/2	1600	7-1/2	1-3/8	12	**6-81KSS-TM-R-0625-S**
	6	3	2000	7-1/2	1-3/8	13	**6-81KSS-TM-R-0630-S**
	8	2-1/2	2000	10-1/8	2-3/32	15	**6-81KSS-TM-R-0825-S**
	8	3	2500	10-1/8	2-3/32	16	**6-81KSS-TM-R-0830-S**
	10	2-1/2	2500	11-1/2	2-1/4	18	**6-81KSS-TM-R-1025-S**
	10	3	2500	11-1/2	2-1/4	20	**6-81KSS-TM-R-1030-S**
	12	2-1/2	2500	13-1/2	2-11/16	22	**6-81KSS-TM-R-1225-S**
	12	3	2500	13-1/2	2-11/16	24	**6-81KSS-TM-R-1230-S**
LAMINATED TEXTITE (TL) WHEELS WITH STAINLESS STEEL ROLLER BEARINGS							
	6	3	1350	7-1/2	1-3/8	12	**6-81KSS-TL-R-0630-S**
	8	3	1500	10-1/8	2-3/32	15	**6-81KSS-TL-R-0830-S**
	10	3	1650	11-1/2	1-3/8	12	**6-81KSS-TL-R-1030-S**
	12	3	1800	13-1/2	1-3/8	12	**6-81KSS-TL-R-1230-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 6-81K-PB-R-0415-**S** becomes 6-81K-PB-R-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 6-81K-PB-R-0415-**SL** for Swivel Lock)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

6-81KHDSS CONSTRUCTION FEATURES

Load Capacity Up to 3000 lbs.

- Fabricated AISI 304 stainless steel top plate and fork base
- Precision CNC machined raceways
- Totally sealed swivel head
- 1/4 in. thick legs robotically welded inside and outside to 2-1/2 in. x 2 in. fork spacing
- 1/2 in. wheel axle
- All materials stainless steel
- Finish is polished bright or bead blasted

RIG OPTIONS

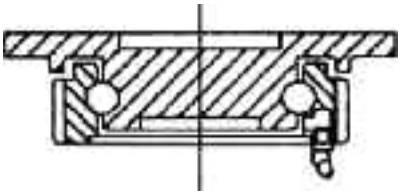
DL/SS 4-Way Directional Lock
FCB/SS Face Contact Brake

FCB/SS

TOP PLATE OPTIONS

(Standard)
Top Plate: 4-1/2" x 6-1/4"
Bolt Hole Centers: 2-7/16" x 4-15/16" slotted to 3-5/8" x 5-1/4"
Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



Nylacron™ Wheels

With Precision Ball Bearings for Any Application
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

6-81KHDSS STAINLESS STEEL CASTERS with SS PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (FCB/SS)*	Dia. (in)	Width (in)	OAH (in	Swl. Rad. (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-FS-P-0630-S	6-81KHDSS-FS-P-0630-R	6-81KHDSS-FS-P-0630-S-FCB/SS	6	3	7-1/2	5-1/2	2500
6-81KHDSS-FS-P-0830-S	6-81KHDSS-FS-P-0830-R	6-81KHDSS-FS-P-0830-S-FCB/SS	8	3	10-1/8	6-1/2	2500
6-81KHDSS-FS-P-1030-S	6-81KHDSS-FS-P-1030-R	6-81KHDSS-FS-P-1030-S-FCB/SS	10	3	11-1/2	7-3/4	2500
6-81KHDSS-FS-P-1230-S	6-81KHDSS-FS-P-1230-R	6-81KHDSS-FS-P-1230-S-FCB/SS	12	3	13-1/2	9-1/4	2500
DUCTILE STEEL (DU) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-DU-P-0630-S	6-81KHDSS-DU-P-0630-R	6-81KHDSS-DU-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2500
6-81KHDSS-DU-P-0830-S	6-81KHDSS-DU-P-0830-R	6-81KHDSS-DU-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-DU-P-1030-S	6-81KHDSS-DU-P-1030-R	6-81KHDSS-DU-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-DU-P-1230-S	6-81KHDSS-DU-P-1230-R	6-81KHDSS-DU-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS (ALSO AVAILABLE IN NYLACRON™ MONOCAST NY/MC)							
6-81KHDSS-NY/MD-P-0630-S	6-81KHDSS-NY/MD-P-0630-R	6-81KHDSS-NY/MD-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	3000
6-81KHDSS-NY/MD-P-0830-S	6-81KHDSS-NY/MD-P-0830-R	6-81KHDSS-NY/MD-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	3000
6-81KHDSS-NY/MD-P-1030-S	6-81KHDSS-NY/MD-P-1030-R	6-81KHDSS-NY/MD-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	3000
6-81KHDSS-NY/MD-P-1230-S	6-81KHDSS-NY/MD-P-1230-R	6-81KHDSS-NY/MD-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	3000
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-SE-P-0630-S	6-81KHDSS-SE-P-0630-R	6-81KHDSS-SE-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2500
6-81KHDSS-SE-P-0830-S	6-81KHDSS-SE-P-0830-R	6-81KHDSS-SE-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-SE-P-1030-S	6-81KHDSS-SE-P-1030-R	6-81KHDSS-SE-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-SE-P-1230-S	6-81KHDSS-SE-P-1230-R	6-81KHDSS-SE-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
URETHANE / HEAVY DUTY / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-UR/HD/CA-P-0630-S	6-81KHDSS-UR/HD/CA-P-0630-R	6-81KHDSS-UR/HD/CA-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2300
6-81KHDSS-UR/HD/CA-P-0830-S	6-81KHDSS-UR/HD/CA-P-0830-R	6-81KHDSS-UR/HD/CA-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-UR/HD/CA-P-1030-S	6-81KHDSS-UR/HD/CA-P-1030-R	6-81KHDSS-UR/HD/CA-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-UR/HD/CA-P-1230-S	6-81KHDSS-UR/HD/CA-P-1230-R	6-81KHDSS-UR/HD/CA-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-UR/CA/DT-P-0630-S	6-81KHDSS-UR/CAI/DT-P-0630-R	6-81KHDSS-UR/CA/DT-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	1875
6-81KHDSS-UR/CA/DT-P-0830-S	6-81KHDSS-UR/CA/DT-P-0830-R	6-81KHDSS-UR/CA/DT-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2400
6-81KHDSS-UR/CA/DT-P-1030-S	6-81KHDSS-UR/CA/DT-P-1030-R	6-81KHDSS-UR/CA/DT-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-UR/CA/DT-P-1230-S	6-81KHDSS-UR/CA/DT-P-1230-R	6-81KHDSS-UR/CA/DT-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-PY/CA-P-0630-S	6-81KHDSS-PY/CA-P-0630-R	6-81KHDSS-PY/CA-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	2100
6-81KHDSS-PY/CA-P-0830-S	6-81KHDSS-PY/CA-P-0830-R	6-81KHDSS-PY/CA-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	2500
6-81KHDSS-PY/CA-P-1030-S	6-81KHDSS-PY/CA-P-1030-R	6-81KHDSS-PY/CA-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	2500
6-81KHDSS-PY/CA-P-1230-S	6-81KHDSS-PY/CA-P-1230-R	6-81KHDSS-PY/CA-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	2500
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
6-81KHDSS-ER/CA-P-0630-S	6-81KHDSS-ER/CA-P-0630-R	6-81KHDSS-ER/CA-P-0630-S-FCB/SS	6	3	7-1/2	3-5/8	950
6-81KHDSS-ER/CA-P-0830-S	6-81KHDSS-ER/CA-P-0830-R	6-81KHDSS-ER/CA-P-0830-S-FCB/SS	8	3	10-1/8	4-5/8	1200
6-81KHDSS-ER/CA-P-1030-S	6-81KHDSS-ER/CA-P-1030-R	6-81KHDSS-ER/CA-P-1030-S-FCB/SS	10	3	11-1/2	5-1/4	1650
6-81KHDSS-ER/CA-P-1230-S	6-81KHDSS-ER/CA-P-1230-R	6-81KHDSS-ER/CA-P-1230-S-FCB/SS	12	3	13-1/2	6-9/16	1850

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number (i.e 6-81KHDSS-FS-P-0630-S-**WFB** for Wheel Face Brake)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application

(NY/MD, NY/HSB, NY/MC, NY/GF)

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Kingpinless Caster with Nylacron™ Wheel

Swivel-EAZ™ (Dual-in-One) Wheels

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster.

The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.

Available in 4 Durometers:
70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)
Tread Types: CR: Crown or FT: Flat Tread
Axles Sizes: 1/2", 3/4", 1" and 1-1/4"

Kingpinless Caster with 10" Swivel-EAZ™ (Dual-in-One) Wheel

Series	Caster Type	Page #
7-90	Kingpin - Hot Forged	2-4
7-90HD	Kingpin - Forged Steel (w/ Total Lock)	5-6
7-90K	Kingpinless	7-9
7-90KHD	Kingpinless HD (w/ Adjustable Total Lock)	10-11
7-90K/DW	Kingpinless - Dual Wheel	12-13
7-90K/SA	Kingpinless - Shock Absorbing Rigs	14-15
7-90/SA	Kingpin - Shock Absorbing	16-17

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products
www.acornindprod.com

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

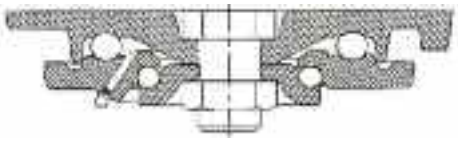
Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

7-90 CONSTRUCTION FEATURES

Load Capacity Up to 3500 lbs.

- Top Plate: S.A.E. 1045 drop-forged steel. Forged top plate skirt affords labyrinth type seal for load raceway.
- Yoke Base: S.A.E. 1045 drop-forged steel. Large outside diameter yoke base is used when the hub length of wheel is 4-1/2" or greater or when swivel lock option is used.
- Hub Length: 3 1/2" (standard)
- Swivel Load Bearing: 4" diameter, deep grooved ball load raceway with 1/2" steel balls. The thrust bearing is 2-5/8" diameter using 3/8" diameter steel balls.
- Legs: 3/8" steel plate, welded inside and out to the yoke base and 3/8" thick rigid top. Hub length 3-1/2".
- King Bolt: 1" diameter, heat-treated bolt and nut.
- Axle: Casters marked ~ have 1" solid axle. All other have 3/4" hollow axles. Lock nuts are standard on both sizes. Exception: Casters 90-CA-R*-0440-S and 90-PA-R*-0440-S must have 1" hollow axles for wheel bearing lubrication.
- Wheel Bearing: 3-1/4" hub length wheels have 1" straight roller or 3/4" tapered roller bearing. 4-1/4" hub length wheels have 1-1/4" straight roller bearing. Exception: Casters 90-CA-T-3240-S and 90-PA-R*-04440-S have 3/4" tapered roller bearing. Straight roller bearings have hardened thrust washers between wheel hub and inside of fork legs.
- Lubrication: Zerk fitting in swivel section and also recessed head of hollow axle.
- Finish: All parts except wheel are Zinc plated. Metal wheel parts have air-dried aluminum or black enamel finish.

SWIVEL CROSS SECTION



SWIVEL RIG OPTIONS

SLW	Swivel Lock Welded
SLHOFI	Swivel Lock - Hand Operated Field Installable
HT-90	For unusually severe service, hardened raceways available

For color coordination as well as for corrosion protection, casters can be powder.

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
90 (Swivel)	5 1/4" x 7 1/4"	3 3/8" x 5 1/4" slotted to 4 1/8" x 6 1/8"	1/2"
90 (Rigid)	5" x 7 1/4"	3 3/8" x 5 1/4" slotted to 4 1/8" x 6 1/8"	1/2"

BRAKE OPTIONS

P	Poly Cam Brake
FCB	Face Contact Brake
FBB	Face Brake
WB	Wrap Around Brake
SSB	Single Side Brake
DSB	Double Side Brake

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7-90 CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	2000	8	1-1/2	21-3/4	**7-90-FS-R-0625-S**
	8	3	2000	10-1/2	2-1/4	26-1/2	**7-90-FS-R-0830-S**
	10	3	2000	12-1/2	2-1/2	27-1/2	**7-90-FS-P-1030-S**
DUCTILE IRON / ROUND TREAD (DU/RT) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	2000	8	1-1/2	20-1/4	**7-90-DU/RT-R-0625-S**
	8	3	2000	10-1/2	2-1/4	26-1/2	**7-90-DU/RT-R-0830-S**
	10	3	2000	12-1/2	2-1/2	27-1/2	**7-90-DU/RT-R-1030-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	3	2000	5	2	17-3/4	**7-90-CA-R-3212-S**
	5	2-1/2	2000	7	2-1/4	19-1/2	**7-90-CA-R-0525-S**
	6	2-1/2	2000	8	1-1/2	20-1/4	**7-90-CA-R-0625-S**
	8	3	2000	10-1/2	2-1/4	26-1/2	**7-90-CA-R-0830-S**
	10	3	2000	12-1/2	2-1/2	27-1/2	**7-90-CA-R-1030-S**
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	2000	8	1-1/2	20-1/4	**7-90-CA/VG-R-0625-S**
	8	3	2000	10-1/2	2-1/4	26-1/2	**7-90-CA/VG-R-0830-S**
	10	3	2000	12-1/2	2-1/2	27-1/2	**7-90-CA/VG-R-1030-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	3500	8	1-1/2	14-1/2	**7-90-NY/MD-P-0625-S**
	6	3	3500	8	1-1/2	15	**7-90-NY/MD-P-0630-S**
	8	2-1/2	3500	10-1/2	2-1/4	16-3/4	**7-90-NY/MD-P-0825-S**
	8	3	3500	10-1/2	2-1/4	18	**7-90-NY/MD-P-0830-S**
	10	2-1/2	3500	12-1/2	3-1/2	19	**7-90-NY/MD-P-1025-S**
	10	3	3500	12-1/2	2-1/2	20-1/2	**7-90-NY/MD-P-1030-S**
	12	2-1/2	3500	15-1/2	3	31-1/2	**7-90-NY/MD-P-1225-S**
	12	3	3500	15-1/2	3	35	**7-90-NY/MD-P-1230-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1600	8	1-1/2	14-1/2	**7-90-TM-R-0625-S**
	6	3	2000	8	1-1/2	14-3/4	**7-90-TM-R-0630-S**
	8	2-1/2	2000	10-1/2	2-1/4	16-3/4	**7-90-TM-R-0825-S**
	8	3	2000	10-1/2	2-1/4	17-3/4	**7-90-TM-R-0830-S**
	10	3	2000	12-1/2	2-1/2	20-1/2	**7-90-TM-R-1030-S**
	12	3	2000	15-1/2	3	22-1/2	**7-90-TM-R-1230-S**
VULKOLLAN™ / CAST IRON CORE (VU/ CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1950	8	1-1/2	20-1/2	**7-90-VU/CA-P-0625-S**
	6	3	2000	8	1-1/2	26	**7-90-VU/CA-P-0630-S**
	8	2-1/2	2000	10-1/2	2-1/4	22-1/2	**7-90-VU/CA-P-0825-S**
	8	3	2000	10-1/2	2-1/4	22-1/4	**7-90-VU/CA-P-0830-S**
	10	3	2000	12-1/2	2-1/2	31	**7-90-VU/CA-P-1030-S**
VULKOLLAN™ THICK TREAD / CAST IRON CORE (VU /TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2000	8	1-1/2	26	**7-90-VU/TT/CA-P-0630-S**
	8	3	2000	10-1/2	2-1/4	22-1/4	**7-90-VU/TT/CA-P-0830-S**
	10	3	2000	12-1/2	2-1/2	31	**7-90-VU/TT/CA-P-1030-S**
POLYURETHANE THICK TREAD / CAST IRON CORE (PY/TT//CA) WHEELS WITH ROLLER BEARINGS							
	6	3	2000	8	1-1/2	26	**7-90-PY/TT/CA-P-0630-S**
	8	3	2000	10-1/2	2-1/4	22-1/4	**7-90-PY/TT/CA-P-0830-S**
	10	3	2000	12-1/2	2-1/2	31	**7-90-PY/TT/CA-P-1030-S**
(Continued on Next Page)	12	3	2000	15-1/2	3	40	**7-90-PY/TT/CA-P-1230-S**

7-90 CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH ROLLER BEARINGS							
	3-1/4	3-1/4	850	5-5/8	2	12	**7-90-PY/CA-P-3232-S**
	5	2-1/2	1290	7	2-1/4	15	**7-90-PY/CA-P-0525-S**
	6	2-1/2	1620	8	1-1/2	20-1/2	**7-90-PY/CA-P-0625-S**
	6	3	2000	8	1-1/2	26	**7-90-PY/CA-P-0630-S**
	8	2-1/2	2000	10-1/2	2-1/4	22-1/2	**7-90-PY/CA-P-0825-S**
	8	3	2000	10-1/2	2-1/4	22-1/4	**7-90-PY/CA-P-0830-S**
	10	3	2000	12-1/2	2-1/2	31	**7-90-PY/CA-P-1030-S**
	12	2-1/2	2000	15-1/2	3	31-1/2	**7-90-PY/CA-P-1225-S**
	12	3	2000	15-1/2	3	40	**7-90-PY/CA-P-1230-S**
POLYURETHANE / ALUMINUM CORE (PY/ AL) WHEELS WITH ROLLER BEARINGS							
	4	3-1/4	1200	5-1/2	2	15	**7-90-PY/AL-P-0432-S**
	8	2-1/2	2000	10-1/2	3	20-1/4	**7-90-PY/AL-P-0825-S**
	8	3	2000	10-1/2	3	20-1/4	**7-90-PY/AL-P-0830-S**
	10	2-1/2	2000	12-1/2	3-1/2	24-1/2	**7-90-PY/AL-P-1025-S**
	10	3	2000	12-1/2	3-1/2	24-1/2	**7-90-PY/AL-P-1030-S**
X-TREME PLUS SOLID POLYURETHANE (XP) WHEELS WITH PRECISION BEARINGS							
	8	2-1/2	2000	10-1/2	2-1/4	22-1/2	**7-90-XP-P-0825-S**
	8	3	2000	10-1/2	2-1/4	22-1/4	**7-90-XP-P-0830-S**
	10	2-1/2	2000	12-1/2	2-1/2	24-1/2	**7-90-XP-P-1025-S**
	10	3	2000	12-1/2	2-1/2	31	**7-90-XP-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	1900	8	2-1/4	26	**7-90-SWE/9/FT-P-0630-S**
	8	3	3000	10-1/2	2-1/4	28	**7-90-SWE/9/FT-P-0830-S**
	10	3	3500	12-1/2	2-1/2	31	**7-90-SWE/9/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	1400	8	2-1/4	26	**7-90-SWE/8/FT-P-0630-S**
	8	3	2300	10-1/2	2-1/4	28	**7-90-SWE/8/FT-P-0830-S**
	10	3	3500	12-1/2	2-1/2	31	**7-90-SWE/8/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	900	8	2-1/4	26	**7-90-SWE/7/FT-P-0630-S**
	8	3	1400	10-1/2	2-1/4	28	**7-90-SWE/7/FT-P-0830-S**
	10	3	2200	12-1/2	2-1/2	31	**7-90-SWE/7/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	2200	8	2-1/4	26	**7-90-SWE/6/FT-P-0630-S**
	8	3	3500	10-1/2	2-1/4	28	**7-90-SWE/6/FT-P-0830-S**
	10	3	3500	12-1/2	2-1/2	31	**7-90-SWE/6/FT-P-1030-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	700	8	3	20-1/2	**7-90-MR/CA-P-0625-S**
	6	3	750	8	3	20-3/4	**7-90-MR/CA-P-0630-S**
	8	2-1/2	850	10-1/2	3	20-1/4	**7-90-MR/CA-P-0825-S**
	8	3	900	10-1/2	3	22-1/4	**7-90-MR/CA-P-0830-S**
	10	2-1/2	950	12-1/2	3-1/2	24-1/2	**7-90-MR/CA-P-1025-S**
	10	3	1000	12-1/2	3-1/2	25-1/4	**7-90-MR/CA-P-1030-S**
	12	3	1200	15-1/2	3	30-3/4	**7-90-MR/CA-P-1230-S**
X-TRA SOFT RUBBER / DONUT TREAD (XSR/DT) WHEELS WITH ROLLER BEARINGS							
	10	2-1/2	950	11-1/2	3-1/2		**7-90-XSR/DT-P-1025-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 7-90-PB-P-0415-**S** becomes 7-90-PB-P-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 7-90-PB-P-0415-**SL** for Swivel Lock)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

7-90HD CONSTRUCTION FEATURES

Load Capacity Up to 3500 lbs.

- Single piece forged alloy steel top plate
- Integrally forged kingpin
- Forged alloy steel fork base
- Precision raceways, CNC machined: 4 in. diameter with 1/2 in. diameter balls
- Secondary load bearing: 1 in. bore tapered roller bearing for superior swiveling and perfect swivel head alignment
- Integrally forged 1 in. diameter kingpin UNF threaded with slotted nut arrangement for fine adjustment of swivel movements
- 3/8 in. thick x 3 in. legs cylindrically formed & robotically welded inside and outside to 2-1/2 in. fork spacing
- 3/4 in. wheel axle
- Finish is bright zinc plated or polymer painted (black)
- Optional 4-position directional lock slots and hardened raceways

Total Lock (TL/LE)

Directional Lock (DL)

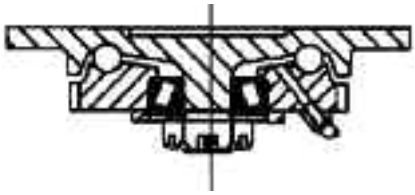
TOP PLATE OPTIONS

Top Plate: 5-1/4" x 7-1/4"
Bolt Hole Centers: 4-1/8" x 6-1/8" slotted to 3-3/8" x 5-1/4"
Attaching Bolt: 1/2"

RIG OPTIONS

DL	4-Way Directional Lock
TL/LE	Total Lock / Leading Edge
FCB	Face Contact Brake

SWIVEL CROSS SECTION



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.
Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application: (NY/MD, NY/HSB, NY/MC, NY/GF)
Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

7-90HD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (FCB)*	Dia. (in)	Width (in)	OAH (in	Swl. Rad. (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-FS-P-0630-S	7-90HD-FS-P-0630-R	7-90HD-FS-P-0630-S-FCB	6	3	8	5-1/4	3500
7-90HD-FS-P-0830-S	7-90HD-FS-P-0830-R	7-90HD-FS-P-0830-S-FCB	8	3	10-1/2	6-1/2	3500
7-90HD-FS-P-1030-S	7-90HD-FS-P-1030-R	7-90HD-FS-P-1030-S-FCB	10	3	12-1/2	7-3/4	3500
7-90HD-FS-P-1230-S	7-90HD-FS-P-1230-R	7-90HD-FS-P-1230-S-FCB	12	3	15-1/2	8-1/2	3500
DUCTILE IRON (DU) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-DU-P-0630-S	7-90HD-DU-P-0630-R	7-90HD-DU-P-0630-S-FCB	6	3	8	5-1/4	3300
7-90HD-DU-P-0830-S	7-90HD-DU-P-0830-R	7-90HD-DU-P-0830-S-FCB	8	3	10-1/2	6-1/2	3500
7-90HD-DU-P-1030-S	7-90HD-DU-P-1030-R	7-90HD-DU-P-1030-S-FCB	10	3	12-1/2	7-3/4	3500
7-90HD-DU-P-1230-S	7-90HD-DU-P-1230-R	7-90HD-DU-P-1230-S-FCB	12	3	15-1/2	8-1/2	3500
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-NY/MD-P-0630-S	7-90HD-NY/MD-P-0630-R	7-90HD-NY/MD-P-0630-S-FCB	6	3	8	5-1/4	3500
7-90HD-NY/MD-P-0830-S	7-90HD-NY/MD-P-0830-R	7-90HD-NY/MD-P-0830-S-FCB	8	3	10-1/2	6-1/2	3500
7-90HD-NY/MD-P-1030-S	7-90HD-NY/MD-P-1030-R	7-90HD-NY/MD-P-1030-S-FCB	10	3	12-1/2	7-3/4	3500
7-90HD-NY/MD-P-1230-S	7-90HD-NY/MD-P-1230-R	7-90HD-NY/MD-P-1230-S-FCB	12	3	15-1/2	8-1/2	3500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-SE-P-0630-S	7-90HD-SE-P-0630-R	7-90HD-SE-P-0630-S-FCB	6	3	8	5-1/4	2500
7-90HD-SE-P-0830-S	7-90HD-SE-P-0830-R	7-90HD-SE-P-0830-S-FCB	8	3	10-1/2	6-1/2	2500
7-90HD-SE-P-1030-S	7-90HD-SE-P-1030-R	7-90HD-SE-P-1030-S-FCB	10	3	12-1/2	7-3/4	3000
7-90HD-SE-P-1230-S	7-90HD-SE-P-1230-R	7-90HD-SE-P-1230-S-FCB	12	3	15-1/2	8-1/2	3400
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-UR/HD/CA-P-0630-S	7-90HD-UR/HD/CA-P-0630-R	7-90HD-UR/HD/CA-P-0630-S-FCB	6	3	8	5-1/4	2300
7-90HD-UR/HD/CA-P-0830-S	7-90HD-UR/HD/CA-P-0830-R	7-90HD-UR/HD/CA-P-0830-S-FCB	8	3	10-1/2	6-1/2	3100
7-90HD-UR/HD/CA-P-1030-S	7-90HD-UR/HD/CA-P-1030-R	7-90HD-UR/HD/CA-P-1030-S-FCB	10	3	12-1/2	7-3/4	3500
7-90HD-UR/HD/CA-P-1230-S	7-90HD-UR/HD/CA-P-1230-R	7-90HD-UR/HD/CA-P-1230-S-FCB	12	3	15-1/2	8-1/2	3500
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-UR/CA/DT-P-0630-S	7-90HD-UR/CA/DT-P-0630-R	7-90HD-UR/CA/DT-P-0630-S-FCB	6	3	8	5-1/4	1875
7-90HD-UR/CA/DT-P-0830-S	7-90HD-UR/CA/DT-P-0830-R	7-90HD-UR/CA/DT-P-0830-S-FCB	8	3	10-1/2	6-1/2	2400
7-90HD-UR/CA/DT-P-1030-S	7-90HD-UR/CA/DT-P-1030-R	7-90HD-UR/CA/DT-P-1030-S-FCB	10	3	12-1/2	7-3/4	2850
7-90HD-UR/CA/DT-P-1230-S	7-90HD-UR/CA/DT-P-1230-R	7-90HD-UR/CA/DT-P-1230-S-FCB	12	3	15-1/2	8-1/2	3500
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-PY/CA-P-0630-S	7-90HD-PY/CA-P-0630-R	7-90HD-PY/CA-P-0630-S-FCB	6	3	8	5-1/4	2100
7-90HD-PY/CA-P-0830-S	7-90HD-PY/CA-P-0830-R	7-90HD-PY/CA-P-0830-S-FCB	8	3	10-1/2	6-1/2	2500
7-90HD-PY/CA-P-1030-S	7-90HD-PY/CA-P-1030-R	7-90HD-PY/CA-P-1030-S-FCB	10	3	12-1/2	7-3/4	3000
7-90HD-PY/CA-P-1230-S	7-90HD-PY/CA-P-1230-R	7-90HD-PY/CA-P-1230-S-FCB	12	3	15-1/2	8-1/2	3000
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BEARINGS**							
7-90HD-SWE/9/FT-P-0630-S	7-90HD-SWE/9/FT-P-0630-R	7-90HD-SWE/9/FT-P-0630-S-TL/LE	6	3	5-5/8	3-5/8	1900
7-90HD-SWE/9/FT-P-0830-S	7-90HD-SWE/9/FT-P-0830-R	7-90HD-SWE/9/FT-P-0830-S-TL/LE	8	3	6-1/2	4-5/8	2000
7-90HD-SWE/9/FT-P-1030-S	7-90HD-SWE/9/FT-P-1030-R	7-90HD-SWE/9/FT-P-1030-S-TL/LE	10	3	7-1/2	5-1/4	2000
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
7-90HD-MR/CA-P-0630-S	7-90HD-MR/CA-P-0630-R	7-90HD-MR/CA-P-0630-S-FCB	6	3	8	5-1/4	680
7-90HD-MR/CA-P-0830-S	7-90HD-MR/CA-P-0830-R	7-90HD-MR/CA-P-0830-S-FCB	8	3	10-1/2	6-1/2	850
7-90HD-MR/CA-P-1030-S	7-90HD-MR/CA-P-1030-R	7-90HD-MR/CA-P-1030-S-FCB	10	3	12-1/2	7-3/4	1000
7-90HD-MR/CA-P-1230-S	7-90HD-MR/CA-P-1230-R	7-90HD-MR/CA-P-1230-S-FCB	12	3	15-1/2	8-1/2	1150

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™
*Add Rig Options to the end of each part number (i.e 7-90HD-123S-SJS-**WFB** for Wheel Face Brake)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

7-90K CONSTRUCTION FEATURES

Load Capacity Up to 5500 lbs.

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

This Series is available in Duel Wheel (DW).

SWIVEL RIG OPTIONS

SW	Sealed Swivel
SLW	Swivel Lock Welded
SLFI	Swivel Lock - Field Installable
SLD	Swivel Lock - Detatchable

BRAKE OPTIONS

CBB	Cam Brake
FCB	Face Contact Brake
PCB	Poly Cam Brake
WB	Wrap Around Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
90K (Swivel)	5 1/4" x 7 1/4"	4 1/8" x 6 1/8" slotted to 3 3/8" x 5 1/4"	1/2"
90K (Rigid)	5" x 7 1/4"	4 1/8" x 6 1/8" slotted to 3 3/8" x 5 1/4"	1/2"
K (Swivel)	4 1/2" x 6 1/4"	3 3/8" x 5 1/4" slotted to 2 7/16" x 4 15/16"	1/2"
K (Rigid)	5" x 6 1/4"	3 3/8" x 5 1/4" slotted to 2 7/16" x 4 15/16"	1/2"
R	6 1/4" x 7 1/2"	6" x 4 1/2" slotted to 6" x 4 1/8"	1/2"
S	6" x 7"	4 5/8" x 5 5/8" slotted to 4 3/8" x 5 1/2"	1/2"

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Nylacron™ Wheels

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Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

7-90K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	4000	8	1-1/2	21-3/4	**7-90K-FS-R-0625-S**
	8	3	4500	10-1/2	2-1/4	26-1/2	**7-90K-FS-R-0830-S**
	10	3	5000	12-1/2	2-1/2		**7-90K-FS-P-1030-S**
DUCTILE IRON / ROUND TREAD (DU/RT) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	3500	8	1-1/2	20-1/4	**7-90K-DU/RT-R-0625-S**
	8	3	5400	10-1/2	2-1/4	26-1/2	**7-90K-DU/RT-R-0830-S**
	10	3	5400	12-1/2	2-1/2	27-1/2	**7-90K-DU/RT-R-1030-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	4	3	2000	5-1/2	2	17-3/4	**7-90K-CA-R-3212-S**
	5	2-1/2	2000	6-1/2	2-1/4	19-1/2	**7-90K-CA-R-0525-S**
	6	2-1/2	2300	8	1-1/2	20-1/4	**7-90K-CA-R-0625-S**
	8	3	2800	10-1/2	2-1/4	26-1/2	**7-90K-CA-R-0830-S**
	10	3	2800	12-1/2	2-1/2	27-1/2	**7-90K-CA-R-1030-S**
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	2500	8	1-1/2	20-1/4	**7-90K-CA/VG-R-0625-S**
	8	3	2500	10-1/2	2-1/4	26-1/2	**7-90K-CA/VG-R-0830-S**
	10	3	3500	12-1/2	2-1/2	27-1/2	**7-90K-CA/VG-R-1030-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	5400	8	1-1/2	14	**7-90K-NY/MD-P-0625-S**
	6	3	5400	8	1-1/2	15	**7-90K-NY/MD-P-0630-S**
	8	2-1/2	5400	10-1/2	2-1/4	17	**7-90K-NY/MD-P-0825-S**
	8	3	5400	10-1/2	2-1/4	18	**7-90K-NY/MD-P-0830-S**
	10	2-1/2	5400	12-1/2	3-1/2	19	**7-90K-NY/MD-P-1025-S**
	10	3	5400	12-1/2	2-1/2	21	**7-90K-NY/MD-P-1030-S**
	12	2-1/2	5400	15-1/2	3	22	**7-90K-NY/MD-P-1225-S**
	12	3	5400	15-1/2	3	23	**7-90K-NY/MD-P-1230-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1600	8	1-1/2	14-1/2	**7-90K-TM-R-0625-S**
	6	3	2000	8	1-1/2	14-3/4	**7-90K-TM-R-0630-S**
	8	2-1/2	2000	10-1/2	2-1/4	16-3/4	**7-90K-TM-R-0825-S**
	8	3	2500	10-1/2	2-1/4	17-3/4	**7-90K-TM-R-0830-S**
	10	3	2900	12-1/2	2-1/2	20-1/2	**7-90K-TM-R-1030-S**
	12	3	3500	15-1/2	3	22-1/2	**7-90K-TM-R-1230-S**
VULKOLLAN™ / CAST IRON CORE (VU/ CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	2350	8	1-1/2	20-1/2	**7-90K-VU/CA-P-0625-S**
	6	3	3000	8	1-1/2	26	**7-90K-VU/CA-P-0630-S**
	8	2-1/2	2900	10-1/2	2-1/4	22-1/2	**7-90K-VU/CA-P-0825-S**
	8	3	4000	10-1/2	2-1/4	22-1/4	**7-90K-VU/CA-P-0830-S**
	10	3	5000	12-1/2	2-1/2	31	**7-90K-VU/CA-P-1030-S**
VULKOLLAN™ THICK TREAD / CAST IRON CORE (VU /TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	3000	8	1-1/2	26	**7-90K-VU/TT/CA-P-0630-S**
	8	3	4000	10-1/2	2-1/4	22-1/4	**7-90K-VU/TT/CA-P-0830-S**
	10	3	5000	12-1/2	2-1/2	31	**7-90K-VU/TT/CA-P-1030-S**
POLYURETHANE THICK TREAD / CAST IRON CORE (PY/TT//CA) WHEELS WITH ROLLER BEARINGS							
	6	3	2040	8	1-1/2	26	**7-90K-PY/TT/CA-P-0630-S**
	8	3	2520	10-1/2	2-1/4	22-1/4	**7-90K-PY/TT/CA-P-0830-S**
	10	3	3000	12-1/2	2-1/2	31	**7-90K-PY/TT/CA-P-1030-S**
(Continued on Next Page)	12	3	3420	15-1/2	3	40	**7-90K-PY/TT/CA-P-1230-S**

7-90K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH ROLLER BEARINGS							
	3-1/4	3-1/4	850	5-1/8	2	12	**7-90K-PY/CA-P-3232-S**
	5	2-1/2	1290	6-1/2	2-1/4	15	**7-90K-PY/CA-P-0525-S**
	6	2-1/2	1620	8	1-1/2	20-1/2	**7-90K-PY/CA-P-0625-S**
	6	3	2000	8	1-1/2	26	**7-90K-PY/CA-P-0630-S**
	8	2-1/2	2000	10-1/2	2-1/4	22-1/2	**7-90K-PY/CA-P-0825-S**
	8	3	2500	10-1/2	2-1/4	22-1/4	**7-90K-PY/CA-P-0830-S**
	10	3	3000	12-1/2	2-1/2	31	**7-90K-PY/CA-P-1030-S**
	12	2-1/2	2200	15-1/2	3	31-1/2	**7-90K-PY/CA-P-1225-S**
	12	3	3500	15-1/2	3	40	**7-90K-PY/CA-P-1230-S**
POLYURETHANE / ALUMINUM CORE (PY/ AL) WHEELS WITH ROLLER BEARINGS							
	4	3-1/4	1200	5-1/2	2	15	**7-90K-PY/AL-P-0432-S**
	8	2-1/2	2010	10-1/2	3	20-1/4	**7-90K-PY/AL-P-0825-S**
	8	3	2520	10-1/2	3	20-1/4	**7-90K-PY/AL-P-0830-S**
	10	2-1/2	2370	12-1/2	3-1/2	24-1/2	**7-90K-PY/AL-P-1025-S**
	10	3	3000	12-1/2	3-1/2	24-1/2	**7-90K-PY/AL-P-1030-S**
X-TREME PLUS SOLID POLYURETHANE (XP) WHEELS WITH PRECISION BEARINGS							
	8	2-1/2	2000	10-1/2	2-1/4	22-1/2	**7-90K-XP-P-0825-S**
	8	3	2000	10-1/2	2-1/4	22-1/4	**7-90K-XP-P-0830-S**
	10	2-1/2	2500	12-1/2	2-1/2	24-1/2	**7-90K-XP-P-1025-S**
	10	3	2500	12-1/2	2-1/2	31	**7-90K-XP-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	1900	8	2-1/4	26	**7-90K-SWE/9/FT-P-0630-S**
	8	3	3000	10-1/2	2-1/4	28	**7-90K-SWE/9/FT-P-0830-S**
	10	3	3500	12-1/2	2-1/2	31	**7-90K-SWE/9/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 80A / FLAT TREAD (SWE/8/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	1400	8	2-1/4	26	**7-90K-SWE/8/FT-P-0630-S**
	8	3	2300	10-1/2	2-1/4	28	**7-90K-SWE/8/FT-P-0830-S**
	10	3	3500	12-1/2	2-1/2	31	**7-90K-SWE/8/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 70A / FLAT TREAD (SWE/7/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	900	8	2-1/4	26	**7-90K-SWE/7/FT-P-0630-S**
	8	3	1400	10-1/2	2-1/4	28	**7-90K-SWE/7/FT-P-0830-S**
	10	3	2200	12-1/2	2-1/2	31	**7-90K-SWE/7/FT-P-1030-S**
****SWIVEL-EAZ™ (DUAL-IN-ONE) 60D / FLAT TREAD (SWE/6/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
	6	3	2200	8	2-1/4	26	**7-90K-SWE/6/FT-P-0630-S**
	8	3	3500	10-1/2	2-1/4	28	**7-90K-SWE/6/FT-P-0830-S**
	10	3	3500	12-1/2	2-1/2	31	**7-90K-SWE/6/FT-P-1030-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	700	8	3	20-1/2	**7-90K-MR/CA-P-0625-S**
	6	3	750	8	3	20-3/4	**7-90K-MR/CA-P-0630-S**
	8	2-1/2	850	10-1/2	3	20-1/4	**7-90K-MR/CA-P-0825-S**
	8	3	900	10-1/2	3	22-1/4	**7-90K-MR/CA-P-0830-S**
	10	2-1/2	950	12-1/2	3-1/2	24-1/2	**7-90K-MR/CA-P-1025-S**
	10	3	1000	12-1/2	3-1/2	25-1/4	**7-90K-MR/CA-P-1030-S**
	12	3	1200	15-1/2	3	30-3/4	**7-90K-MR/CA-P-1230-S**
X-TRA SOFT RUBBER / DONUT TREAD (XSR/DT) WHEELS WITH ROLLER BEARINGS							
	10	2-1/2	950	12-1/2	3-1/2		**7-90K-XSR/DT-P-1025-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 7-90K-PB-P-0415-**S** becomes 7-90K-PB-P-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 7-90K-PB-P-0415-**SL** for Swivel Lock)

****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

07 Precision Kingpinless HD (w/ Adjustable Total Lock)

7-90KHD CONSTRUCTION FEATURES

Load Capacity Up to 5000 lbs.

- Single piece forged alloy steel top plate and fork base
- Precision, double-ball raceways, CNC machined
- Induction hardening of raceway ensures uniform depth of hardness
- Totally sealed swivel head
- 3/8 in. thick x 3 in. wide fork legs robotically welded inside and outside to 3-1/2 in. fork spacing
- 3/4 in. wheel axle
- Finish is bright zinc plated or polymer (any color)
- Dual wheel casters available

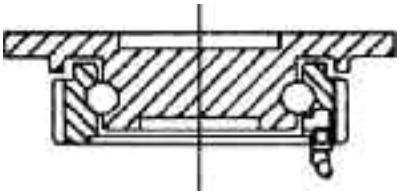
RIG OPTIONS

DL	4-Way Directional Lock
TL/LE	Total Lock / Leading Edge
FCB	Face Contact Brake

TOP PLATE OPTIONS

Top Plate: 5-1/4" x 7-1/4"
Bolt Hole Centers: 4-1/8" x 6-1/8" slotted to 3-3/8" x 5-1/4"
Attaching Bolt: 1/2"

SWIVEL CROSS SECTION



The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.
Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application: (NY/MD, NY/HSB, NY/MC, NY/GF)
Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

7-90KHD CASTERS with PRECISION BALL BEARING WHEELS

Swivel Part Number	Rigid Part Number	Swivel Part Number with Rig Option (FCB)*	Dia. (in)	Width (in)	OAH (in	Swl. Rad. (in)	Cap. (lb)
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-FS-P-0630-S	7-90KHD-FS-P-0630-R	7-90KHD-FS-P-0630-S-FCB	6	3	8	5-1/8	5000
7-90KHD-FS-P-0830-S	7-90KHD-FS-P-0830-R	7-90KHD-FS-P-0830-S-FCB	8	3	10-1/2	6-1/4	5000
7-90KHD-FS-P-1030-S	7-90KHD-FS-P-1030-R	7-90KHD-FS-P-1030-S-FCB	10	3	12-1/2	7-3/4	5000
7-90KHD-FS-P-1230-S	7-90KHD-FS-P-01230-R	7-90KHD-FS-P-1230-S-FCB	12	3	15-1/2	9-3/8	5000
DUCTILE IRON (DU) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-DU-P-0630-S	7-90KHD-DU-P-0630-R	7-90KHD-DU-P-0630-S-FCB	6	3	8	5-1/8	3500
7-90KHD-DU-P-0830-S	7-90KHD-DU-P-0830-R	7-90KHD-DU-P-0830-S-FCB	8	3	10-1/2	6-1/4	5000
7-90KHD-DU-P-1030-S	7-90KHD-DU-P-1030-R	7-90KHD-DU-P-1030-S-FCB	10	3	12-1/2	7-3/4	5000
7-90KHD-DU-P-1230-S	7-90KHD-DU-P-01230-R	7-90KHD-DU-P-1230-S-FCB	12	3	15-1/2	9-3/8	5000
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-NY/MD-P-0630-S	7-90KHD-NY/MD-P-0630-R	7-90KHD-NY/MD-P-0630-S-FCB	6	3	8	5-1/8	5500
7-90KHD-NY/MD-P-0830-S	7-90KHD-NY/MD-P-0830-R	7-90KHD-NY/MD-P-0830-S-FCB	8	3	10-1/2	6-1/4	5500
7-90KHD-NY/MD-P-1030-S	7-90KHD-NY/MD-P-1030-R	7-90KHD-NY/MD-P-1030-S-FCB	10	3	12-1/2	7-3/4	5500
7-90KHD-NY/MD-P-1230-S	7-90KHD-NY/MD-P-01230-R	7-90KHD-NY/MD-P-1230-S-FCB	12	3	15-1/2	9-3/8	5500
SOLID ELASTOMER (SE) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-SE-P-0630-S	7-90KHD-SE-P-0630-R	7-90KHD-SE-P-0630-S-FCB	6	3	8	5-1/8	2500
7-90KHD-SE-P-0830-S	7-90KHD-SE-P-0830-R	7-90KHD-SE-P-0830-S-FCB	8	3	10-1/2	6-1/4	2600
7-90KHD-SE-P-1030-S	7-90KHD-SE-P-1030-R	7-90KHD-SE-P-1030-S-FCB	10	3	12-1/2	7-3/4	3000
7-90KHD-SE-P-1230-S	7-90KHD-SE-P-01230-R	7-90KHD-SE-P-1230-S-FCB	12	3	15-1/2	9-3/8	3400
URETHANE / CAST IRON CORE / DONUT TREAD (UR/CA/DT) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-UR/CA/DT-P-0630-S	7-90KHD-UR/CA/DT-P-0630-R	7-90KHD-UR/CA/DT-P-0630-S-FCB	6	3	8	5-1/8	1850
7-90KHD-UR/CA/DT-P-0830-S	7-90KHD-UR/CA/DT-P-0830-R	7-90KHD-UR/CA/DT-P-0830-S-FCB	8	3	10-1/2	6-1/4	2400
7-90KHD-UR/CA/DT-P-1030-S	7-90KHD-UR/CA/DT-P-1030-R	7-90KHD-UR/CA/DT-P-1030-S-FCB	10	3	12-1/2	7-3/4	2850
7-90KHD-UR/CA/DT-P-1230-S	7-90KHD-UR/CA/DT-P-01230-R	7-90KHD-UR/CA/DT-P-1230-S-FCB	12	3	15-1/2	9-3/8	5000
HEAVY DUTY URETHANE / CAST IRON CORE (UR/HD/CA) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-UR/HD/CA-P-0630-S	7-90KHD-UR/HD/CA-P-0630-R	7-90KHD-UR/HD/CA-P-0630-S-FCB	6	3	8	5-1/8	2300
7-90KHD-UR/HD/CA-P-0830-S	7-90KHD-UR/HD/CA-P-0830-R	7-90KHD-UR/HD/CA-P-0830-S-FCB	8	3	10-1/2	6-1/4	3100
7-90KHD-UR/HD/CA-P-1030-S	7-90KHD-UR/HD/CA-P-1030-R	7-90KHD-UR/HD/CA-P-1030-S-FCB	10	3	12-1/2	7-3/4	4000
7-90KHD-UR/HD/CA-P-1230-S	7-90KHD-UR/HD/CA-P-01230-R	7-90KHD-UR/HD/CA-P-1230-S-FCB	12	3	15-1/2	9-3/8	4800
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-PY/CA-P-0630-S	7-90KHD-PY/CA-P-0630-R	7-90KHD-PY/CA-P-0630-S-FCB	6	3	8	5-1/8	2100
7-90KHD-PY/CA-P-0830-S	7-90KHD-PY/CA-P-0830-R	7-90KHD-PY/CA-P-0830-S-FCB	8	3	10-1/2	6-1/4	2500
7-90KHD-PY/CA-P-1030-S	7-90KHD-PY/CA-P-1030-R	7-90KHD-PY/CA-P-1030-S-FCB	10	3	12-1/2	7-3/4	3000
7-90KHD-PY/CA-P-1230-S	7-90KHD-PY/CA-P-01230-R	7-90KHD-PY/CA-P-1230-S-FCB	12	3	15-1/2	9-3/8	3500
****SWIVEL-EAZ™ (DUAL-IN-ONE) 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH 3/4" AXLE AND PRECISION BEARINGS**							
7-90KHD-SWE/9/FT-P-0630-S	7-90KHD-SWE/9/FT-P-0630-R	7-90KHD-SWE/9/FT-P-0630-S-TL/LE	6	3	8	3-5/8	1900
7-90KHD-SWE/9/FT-P-0830-S	7-90KHD-SWE/9/FT-P-0830-R	7-90KHD-SWE/9/FT-P-0830-S-TL/LE	8	3	10-1/2	4-5/8	2000
7-90KHD-SWE/9/FT-P-1030-S	7-90KHD-SWE/9/FT-P-1030-R	7-90KHD-SWE/9/FT-P-1030-S-TL/LE	10	3	12-1/2	5-1/4	2000
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
7-90KHD-ER/CA-P-0630-S	7-90KHD-ER/CA-P-0630-R	7-90KHD-ER/CA-P-0630-S-FCB	6	3	8	5-1/8	950
7-90KHD-ER/CA-P-0830-S	7-90KHD-ER/CA-P-0830-R	7-90KHD-ER/CA-P-0830-S-FCB	8	3	10-1/2	6-1/4	1200
7-90KHD-ER/CA-P-1030-S	7-90KHD-ER/CA-P-1030-R	7-90KHD-ER/CA-P-1030-S-FCB	10	3	12-1/2	7-3/4	1650
7-90KHD-ER/CA-P-1230-S	7-90KHD-ER/CA-P-01230-R	7-90KHD-ER/CA-P-1230-S-FCB	12	3	15-1/2	9-3/8	1850

Nylacron™ (NY/MD and NY/MC) wheels available in every size caster rig. Additional wheels available, consult Acorn™

*Add Rig Options to the end of each part number (i.e 7-90KHD-PY/CA-P-0630-S-**WFB** for Wheel Face Brake)

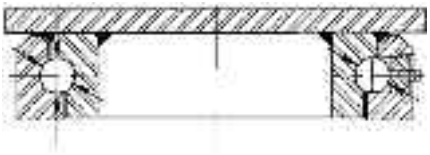
****Also available in Flat Tread (70A, 80A, 95A and 60D) and Crown Tread (70A, 80A, 95A and 60D).**

7-90K/DW - DUAL WHEEL KINGPINLESS CASTER

Load Capacity Up to 7,000 lbs.

- Raceway Design: Patented Kingpinless single ball bearing precision machined raceway hardened to 53 Rockwell C. minimum.
- Swivel Section: Features a 3" diameter raceway with 1/2" ball bearings. Notched yoke is standard.
- Axle: 3/4" bolt with locking or slotted nut as required
- Finish: Zinc-plated or Laguna Blue
- Wheels: Wheels are available with either 1" roller bearings which rotate on hardened and ground spanner bushings or 3/4" tapered bearings that rotate on the axle. All wheels are equipped with a lubrication fitting.
- Mounting Plate Size: 5-1/4" x 7-1/4" x 3/8"
- Bolt Hole Spacing: 4-1/8" x 6-1/8" slotted to 3-3/8" x 5-1/4"
- Mounting Bolt Diameter: 1/2"
- Leg Thickness: 3/8"

SWIVEL CROSS SECTION



RIG OPTIONS

CWB	Cam Wheel Brake
DSL*	Demountable Swivel Lock*
HDSL	Heavy Duty Demountable Swivel Lock
HT	High Temperature Lubrication
LT	Low Temperature Lubrication
PCWB	Poly Cam Wheel Brake
SL**	Swivel Lock**
WS	Wheel Seals
ZP	Zinc Plating

*When ordering a DSL, you must also order the NY.

**Add 1/4" to overall height for swivel lock (SL) casters with 4" and 5" wide wheels.

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
90	5-1/4 x 7-1/4"	4-1/8" x 6-1/8" slotted to 3-3/8" x 5-1/4"	1/2"
90ST	6" x 7"	4-5/8" x 5-1/2" slotted to 4-3/8" x 5-5/8"	1/2"
43	5" x 5-1/2"	4-1/8" x 4-1/2"	3/8"
95	6" x 7-1/2"	4-1/2" x 6" slotted to 4-1/8" x 6-1/8"	1/2"
75	4-1/2" x 6-1/2"	2-7/16" x 4-15/16" slotted to 3-3/8" x 5-1/4"	1/2"

Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. For approximate weight of our rigid casters, deduct 5 1/2 pounds per item.

The Swivel-EAZ™ (Dual-in-One) wheel easily turns a single wheel caster rig into a dual wheel premium urethane tread caster. The Swivel-EAZ™ (Dual-in-One) wheels, designed originally for the automotive industry, is now a best value solution for manual or towing applications (Up to 8 mph) in many other industries.
Available in 4 Durometers: 70A (Black), 80A (Red), 95A (Blue) and 60D (Gray)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application: (NY/MD, NY/HSB, NY/MC, NY/GF)
Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

7-90K/DW DUAL WHEEL KINGPINLESS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
CAST IRON (CA) WHEELS WITH TAPERED ROLLER BEARINGS							
	6	3	6000	8-1/16	2-1/16	39	**7-90K/DW-CA-T-0630-S**
	8	2-1/2	4000	10-1/2	2-3/4	52	**7-90K/DW-CA-T-0825-S**
	8	3	5000	10-1/2	2-3/4	55	**7-90K/DW-CA-T-0830-S**
	10	2-1/2	5000	12-1/2	3-1/4	64	**7-90K/DW-CA-T-1025-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	7000	8-1/16	2-1/16	23	**7-90K/DW-NY/MD-P-0625-S**
	6	3	7000	8-1/16	2-1/16	27	**7-90K/DW-NY/MD-P-0630-S**
	8	2-1/2	7000	10-1/2	2-3/4	31	**7-90K/DW-NY/MD-P-0825-S**
	8	3	7000	10-1/2	2-3/4	34	**7-90K/DW-NY/MD-P-0830-S**
	10	2-1/2	7000	12-1/2	3-1/4	36	**7-90K/DW-NY/MD-P-1025-S**
	10	3	7000	12-1/2	3-1/4	40	**7-90K/DW-NY/MD-P-1030-S**
	12	2-1/2	7000	15-1/2	4-1/8	43	**7-90K/DW-NY/MD-P-1225-S**
	12	3	7000	15-1/2	4-1/8	47	**7-90K/DW-NY/MD-P-1230-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	3200	8-1/16	2-1/16	22	**7-90K/DW-TM-R-0625-S**
	6	3	4000	8-1/16	2-1/16	24	**7-90K/DW-TM-R-0630-S**
	8	2-1/2	4000	10-1/2	2-3/4	29	**7-90K/DW-TM-R-0825-S**
	8	3	5000	10-1/2	2-3/4	30	**7-90K/DW-TM-R-0830-S**
	10	2-1/2	5000	12-1/2	3-1/4	32	**7-90K/DW-TM-R-1025-S**
	10	3	5400	12-1/2	3-1/4	34	**7-90K/DW-TM-R-1030-S**
	12	2-1/2	6000	15-1/2	4-1/8	44	**7-90K/DW-TM-R-1225-S**
	12	3	7000	15-1/2	4-1/8	47	**7-90K/DW-TM-R-1230-S**
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	3240	8-1/16	2-1/16	40	**7-90K/DW-UR/CA-P-0625-S**
	6	3	4000	8-1/16	2-1/16	42	**7-90K/DW-UR/CA-P-0630-S**
	8	2-1/2	3600	10-1/2	2-3/4	49	**7-90K/DW-UR/CA-P-0825-S**
	8	3	5000	10-1/2	2-3/4	52	**7-90K/DW-UR/CA-P-0830-S**
	10	2-1/2	4740	12-1/2	3-1/4	59	**7-90K/DW-UR/CA-P-1025-S**
	10	3	6000	12-1/2	3-1/4	61	**7-90K/DW-UR/CA-P-1030-S**
	12	2-1/2	5400	15-1/2	4-1/8	76	**7-90K/DW-UR/CA-P-1225-S**
	12	3	6800	15-1/2	4-1/8	88	**7-90K/DW-UR/CA-P-1230-S**
URETHANE / THICK TREAD / CAST IRON CORE (UR/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	3	6000	12-1/2	3-1/4	61	**7-90K/DW-UR/TT/CA-P-1030-S**
	12	3	6800	15-1/2	4-1/8	90	**7-90K/DW-UR/TT/CA-P-1230-S**
SWIVEL-EAZ™ (DUAL-IN-ONE) URETHANE 95A / FLAT TREAD (SWE/9/FT) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	3800	8-1/16	2-1/16	27	**7-90K/DW-SWE/9/FT-P-0630-S**
	8	3	6000	10-1/2	2-3/4	34	**7-90K/DW-SWE/9/FT-P-0830-S**
	10	3	9600	12-1/2	3-1/4	40	**7-90K/DW-SWE/9/FT-P-1030-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1080	8-1/16	2-1/16	40	**7-90K/DW-MR/CA-R-0625-S**
	6	3	1360	8-1/16	2-1/16	42	**7-90K/DW-MR/CA-R-0630-S**
	8	2-1/2	1340	10-1/2	2-3/4	49	**7-90K/DW-MR/CA-R-0825-S**
	8	3	1680	10-1/2	2-3/4	52	**7-90K/DW-MR/CA-R-0830-S**
	10	2-1/2	1580	12-1/2	3-1/4	59	**7-90K/DW-MR/CA-R-1025-S**
	10	3	2000	12-1/2	3-1/4	61	**7-90K/DW-MR/CA-R-1030-S**
	12	2-1/2	1800	15-1/2	4-1/8	76	**7-90K/DW-MR/CA-R-1225-S**
	12	3	2280	15-1/2	4-1/8	88	**7-90K/DW-MR/CA-R-1230-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. **Additional wheels available.**

7-90K/SA & 7-90KHD/SA FEATURES

Load Capacity Up to 2000 lbs.

- Load Springs: Different load springs for permits wide variation in ride "softness."
- Complete Line: Available on all 6-81K SA and 6-81KHD SA series Kingpinless models. Consult Acorn™ for more information.
- Swivel Section: Kingpinless design. Ball bearing mounted in a machined raceway.
- Axle: 3/4" diameter standard. Optional 1" diameter available.

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

KEY FEATURE

7-90K/SA and 7-90KHD/SA spring loaded casters offer greater capacity and protection from damaging shock or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS

- Aviation Ground Support
- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

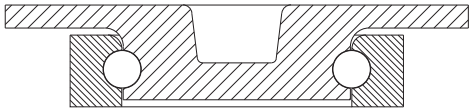
WHEEL TYPES

WHEEL TYPES	WHEEL CODE	BEARING
Nylacron™ MD	NY/MD	Precision Ball
Urethane 80A / Cast Iron Core	UR8/CA	Precision Ball
Urethane 95A / Cast Iron Core	UR9/CA	Precision Ball
Thick Tread Polyurethane	PY/TT	Precision Ball
Vulkollan™ / Cast Iron Core	VU/CA	Precision Ball
Vulkollan™ Thick Tread	VU/TT	Precision Ball

Additional wheels available, consult Acorn™.

7-90K/SA CROSS SECTION

7-90KHD/SA CROSS SECTION



7-90K/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	10.88"	4.88	8	**7-90K/SA-YA-06401S**
6	3	2000	1.30"	10.88"	4.88	8.06	**7-90K/SA-YA-06501S**
8	2-1/2	2000	1.30"	11.88"	4.88	9	**7-90K/SA-YA-08401S**
8	3	2000	1.30"	11.88"	4.88	9.06	**7-90K/SA-YA-08501S**
10	2-1/2	2000	1.30"	14"	4.88	10	**7-90K/SA-YA-10401S**
10	3	2000	1.30"	14"	4.88	10.06	**7-90K/SA-YA-10501S**
12	2-1/2	2700	1.30"	16"	5.69	11.81	**7-90K/SA-YA-12401S**
12	3	3000	1.30"	16"	5.69	11.88	**7-90K/SA-YA-12501S**

For rigid casters, change “S” to “R” (i.e. 7-90K/SA-YA-06401**S**01 becomes 7-90K/SA-YA-06401**R**01)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

7-90KHD/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	10.88"	4.88"	8	**7-90KHD/SA-YA-06401S**
6	3	2000	1.30"	10.88"	4.88"	8.06	**7-90KHD/SA-YA-06501S**
8	2-1/2	2000	1.30"	11.88"	4.88"	9.00	**7-90KHD/SA-YA-08401S**
8	3	2000	1.30"	11.88"	4.88"	9.06	**7-90KHD/SA-YA-08501S**
10	2-1/2	2000	1.30"	14"	4.88"	10	**7-90KHD/SA-YA-10401S**
10	3	2000	1.30"	14"	4.88"	10.06	**7-90KHD/SA-YA-10501S**
12	3	3000	1.30"	16"	5.69"	11.88	**7-90KHD/SA-YA-12501S**

For rigid casters, change “S” to “R” (i.e. 7-90KHD/SA-YA-06401**S**01 becomes 7-90KHD/SA-YA-06401**R**01)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

MOUNTING PLATE (7-90K/SA)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
90S (Swivel)	5 1/4” x 7 1/4”	4 1/8” x 6 1/8” slotted to 3 3/8” x 5 1/4”	1/2”
90R (Rigid)	5” x 7 1/4”	4 1/8” x 6 1/8” slotted to 3 3/8” x 5 1/4”	1/2”
KS (Swivel)	4 1/2” x 6 1/4”	3 3/8” x 5 1/4” slotted to 2 7/16” x 4 15/16”	1/2”
KR (Rigid)	5” x 6 1/4”	3 3/8” x 5 1/4” slotted to 2 7/16” x 4 15/16”	1/2”
R	6 1/4” x 7 1/2”	6” x 4 1/2” slotted to 6” x 4 1/8”	1/2”
S	6” x 7”	4 5/8” x 5 5/8” slotted to 4 3/8” x 5 1/2”	1/2”

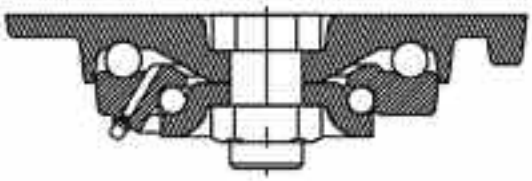
MOUNTING PLATE (7-90KHD/SA)

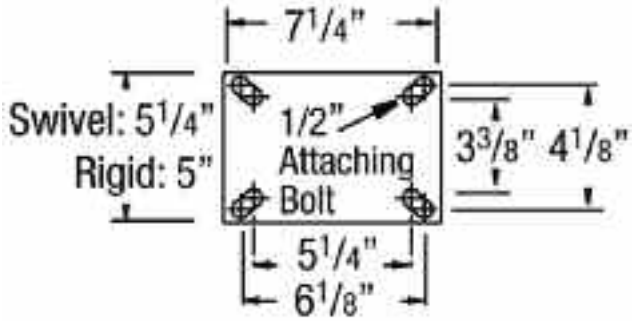
Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
90S (Swivel)	5 1/4” x 7 1/4”	4 1/8” x 6 1/8” slotted to 3 3/8” x 5 1/4”	1/2”
90R (Rigid)	5” x 7 1/4”	4 1/8” x 6 1/8” slotted to 3 3/8” x 5 1/4”	1/2”
S	6” x 7”	4 5/8” x 5 5/8” slotted to 4 3/8” x 5 1/2”	1/2”

7-90/SA SHOCK ABSORBING CASTERS

Load Capacity Up to 1500 lbs.

- Designed with greater load capacity than our 40 and 42 series, this series protects from damaging shocks or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.
- Load Springs: Maximum rated capacity loads will deflect wheel approximately 3/4". Different load springs permit wide variation in ride "softness." They can be preloaded to obtain various degrees of deflection
- Swivel Top Plate: AISI 1045 drop forged steel for strength & reliability
- Yoke Base: AISI 1045 drop forged steel with machined raceway affords extreme wear and greater capacity
- Swivel Section: Swivel load bearing is 4" diameter deep grooved load raceway with 1/2" steel balls and the thrust race is 2-5/8" diameter using 3/8" diameter steel balls for maximum performance under extreme loads
- Legs: 3/8" steel plate, welded inside and out to the yoke base to handle side impacts
- King Bolt: 1" diameter bolt and nut heat-treated for maximum performance
- Axle: 3/4" diameter solid axle with lock nut





RIG OPTIONS

NS	Neoprene Sealed Swivel Section
ZF	Hollow Axle
SSB	Single Side Brake
DSB	Double Side Brake
SL	Swivel Lock

Top Plate

Top Plate: 7-1/4" x 5-1/4"
Bolt Hole Centers: 6-1/8" x 4-1/8"
slotted to 5-1/4" x 3-3/8"
Attaching Bolt: 1/2"

Typical Applications

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

7-90/SA SHOCK ABSORBING CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Bearing Part Number Add B, P, PL, R or T*
Polyurethane / Cast Iron Core (PY/CA) with Precision Ball Bearing							
	10	3	1500	13-1/2	3	49	**7-90/SA-PY/CA-P-1030-S**
	12	3	1500	15-1/2	3	56	**7-90/SA-PY/CA-P-1230-S**
Vulkollan™ / Cast Iron Core (VU/CA) with Precision Ball Bearing							
	10	3	1500	13-1/2	3	49	**7-90/SA-VU/CA-P-1030-S**
	12	3	1500	15-1/2	3	57	**7-90/SA-VU/CA-P-1230-S**
Polyurethane / Aluminum Core (PY/AL) with Precision Ball Bearing							
	10	3	1500	13-1/2	3	38	**7-90/SA-PY/AL-P-1030-S**
	12	3	1500	15-1/2	3	45	**7-90/SA-PY/AL-P-1230-S**
Moldon Rubber / Cast Iron Core (MR/CA) with Precision Ball Bearing							
	10	3	1000	13-1/2	3	42	**7-90/SA-MR/CA-P-1030-S**
	12	3	1200	15-1/2	3	47	**7-90/SA-MR/CA-P-1230-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 7-90/SA-PB-R-0415-**S** becomes 7-90/SA-PB-R-0415-**R**)

See Wheel Section 12 for other premium wheels to fit 2-1/2" hub length / 1/2" axle / nut.

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Series	Caster Type	Page #
8-94BBL	Kingpin - Hot Forged	2-4
8-94TRL	Kingpin - Hot Forged	5-7
8-94K	Kingpinless	8-10
8-94KHD	Kingpinless HD	11-13
8-94KR/DW	Kingpinless - Dual Wheel	14-15
8-94K/SA	Kingpinless - Shock Absorbing Rigs	16-17
8-94KHD/SA	Kingpinless - Shock Absorbing Rigs	16-17

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products
www.acornindprod.com

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

8-94BBL CONSTRUCTION FEATURES

Load Capacity Up to 6000 lbs.

- Top Plate / Yoke Base: 1/2" thick 1045 AISI drop forged steel
- Swivel Load: 5"diameter ball load race with 1/2" steel balls hardened for greater resistance to wear and brinelling. Protected by a forged labyrinth skirt.
- Thrust Bearing: 1-1/4" tapered roller bearing
- Legs: 3/8" x 4" formed steel plate welded inside and out to yoke base and rigid top.
- King Bolt: 1-1/4" diameter integrally forged with top plate for maximum strength
- Axle: 1" solid axle with lock nut
- Lubrication: Zerk fitting in swivel section and wheel hub for ease of lubrication

Nylacron™ (NY/MD) Wheel

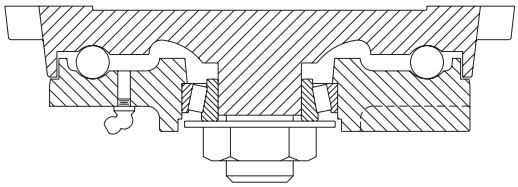
BRAKE OPTIONS

PCB	Poly Cam Brake
SSB	Single Side Brake
DSB	Double Side Brake
FCB	Face Contact Brake
WB	Wrap Around Brake

SWIVEL RIG CODES

SLW	Swivel Lock Welded

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94S Swivel	6 1/2" x 7 1/2"	4 1/2" x 6"	1/2"
94R Rigid	6" x 7 1/2"	4 1/2" x 6"	1/2"
C/S Swivel	6 1/2" x 8"	4 7/8" x 6 3/4"	5/8"
C/R Rigid	6" x 8"	4 7/8" x 6 3/4"	5/8"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

8-94BBL CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	4000	8-1/2	2-1/2	37	**8-94BBL-FS-R-0625-S**
	6	3	5000	8-1/2	2-1/2	45	**8-94BBL-FS-R-0630-S**
	8	3	4500	10-1/2	2-1/2	44	**8-94BBL-FS-R-0830-S**
	8	4	5000	10-1/2	2-1/2	47	**8-94BBL-FS-R-0840-S**
	10	3	5000	12-1/2	2-1/2	53-3/4	**8-94BBL-FS-R-1030-S**
	10	4	5000	12-1/2	2-1/2	73-3/4	**8-94BBL-FS-R-1040-S**
DUCTILE IRON / CROWNED TREAD (DU/CT) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	3500	8-1/2	2-1/2	37	**8-94BBL-DU/CT-R-0625-S**
	6	3	6000	8-1/2	2-1/2	45	**8-94BBL-DU/CT-R-0630-S**
	8	3	6000	10-1/2	2-1/2	46	**8-94BBL-DU/CT-R-0830-S**
	10	3	6000	12-1/2	2-1/2	53	**8-94BBL-DU/CT-R-1030-S**
DUCTILE IRON (DU) WHEELS WITH ROLLER BEARINGS							
	12	3-1/2	5000	15-1/2	2-1/2	67-1/2	**8-94BBL-DU-R-1235-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	6	3	2800	8-1/2	2-1/2	35	**8-94BBL-CA-R-0630-S**
	8	3	2800	10-1/2	2-1/2	46	**8-94BBL-CA-R-0830-S**
	8	4	4000	10-1/2	2-1/2	52-1/2	**8-94BBL-CA-R-0840-S**
	10	3	2800	12-1/2	2-1/2	48	**8-94BBL-CA-R-1030-S**
	12	3	2800	15-1/2	2-1/2	70	**8-94BBL-CA-R-1230-S**
	12	3-1/2	4000	15-1/2	2-1/2	80	**8-94BBL-CA-R-1235-S**
CAST IRON / V-GROOVE (CA/VG) WHEELS WITH ROLLER BEARINGS							
	8	3	2800	10-1/2	2-1/2	46	**8-94BBL-CA/VG-R-0830-S**
	10	3	2800	12-1/2	2-1/2	50	**8-94BBL-CA/VG-R-1030-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	6000	8-1/2	2-1/2	36	**8-94BBL-NY/MD-P-0625-S**
	6	3	6000	8-1/2	2-1/2	37-1/4	**8-94BBL-NY/MD-P-0630-S**
	8	2-1/2	6000	10-1/2	2-1/2	41	**8-94BBL-NY/MD-P-0825-S**
	8	3	6000	10-1/2	2-1/2	41	**8-94BBL-NY/MD-P-0830-S**
	10	2-1/2	6000	12-1/2	2-1/2	46	**8-94BBL-NY/MD-P-1025-S**
	10	3	6000	12-1/2	2-1/2	45-1/2	**8-94BBL-NY/MD-P-1030-S**
	12	3	6000	15-1/2	2-1/2	49	**8-94BBL-NY/MD-P-1230-S**
	12	3-1/2	6000	15-1/2	2-1/2	52	**8-94BBL-NY/MD-P-1235-S**
	12	4	6000	15-1/2	2-1/2	60	**8-94BBL-NY/MD-P-1240-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1620	8-1/2	2-1/2	38	**8-94BBL-TM-R-0625-S**
	8	3	2500	10-1/2	2-1/2	32-1/4	**8-94BBL-TM-R-0830-S**
	10	2-1/2	2500	12-1/2	2-1/2	46	**8-94BBL-TM-R-1025-S**
	10	3	2900	12-1/2	2-1/2	46	**8-94BBL-TM-R-1030-S**
	12	3-1/2	4000	15-1/2	2-1/2	49-3/4	**8-94BBL-TM-R-1235-S**
LAMINATED PHENOLIC / TEXITE (TL) WHEELS WITH ROLLER BEARINGS							
	6	3	2000	8-1/2	2-1/2	29-1/2	**8-94BBL-TL-R-0630-S**
	8	3	2500	10-1/2	2-1/2	32-1/4	**8-94BBL-TL-R-0830-S**
	10	3	3000	12-1/2	2-1/2	46	**8-94BBL-TL-R-1030-S**
	12	3-1/2	4000	15-1/2	2-1/2	49-3/4	**8-94BBL-TL-R-1235-S**
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1950	8-1/2	2-1/2	36	**8-94BBL-VU/CA-P-0625-S**
	6	3	2450	8-1/2	2-1/2	37-1/4	**8-94BBL-VU/CA-P-0630-S**
	8	3	3025	10-1/2	2-1/2	41	**8-94BBL-VU/CA-P-0830-S**
	10	3	3600	12-1/2	2-1/2	45-1/2	**8-94BBL-VU/CA-P-1030-S**
THICK TREAD VULKOLLAN™ (VX) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2450	8-1/2	2-1/2	37-1/4	**8-94BBL-VX-P-0630-S**
	8	3	3025	10-1/2	2-1/2	41-1/2	**8-94BBL-VX-P-0830-S**
(Continued on Next Page)	10	3	3600	12-1/2	2-1/2	46	**8-94BBL-VX-P-1030-S**

8-94BBL CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1600	8-1/2	2-1/2	32	**8-94BBL-PY/CA-P-0625-S**
	6	3	2000	8-1/2	2-1/2	35	**8-94BBL-PY/CA-P-0630-S**
	8	2-1/2	2000	10-1/2	2-1/2	40	**8-94BBL-PY/CA-P-0825-S**
	8	3	2500	10-1/2	2-1/2	42	**8-94BBL-PY/CA-P-0830-S**
	10	2-1/2	2200	12-1/2	2-1/2	44	**8-94BBL-PY/CA-P-1025-S**
	10	3	3000	12-1/2	2-1/2	46	**8-94BBL-PY/CA-P-1030-S**
	12	2-1/2	2500	15-1/2	2-1/2	48	**8-94BBL-PY/CA-P-1225-S**
	12	3	3500	15-1/2	2-1/2	50	**8-94BBL-PY/CA-P-1230-S**
THICK TREAD POLYURETHANE / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2040	8-1/2	2-1/2	37-1/4	**8-94BBL-PY/TT-P-0630-S**
	8	3	2520	10-1/2	2-1/2	41-1/2	**8-94BBL-PY/TT-P-0830-S**
	8	4	3500	10-1/2	2-1/2	48	**8-94BBL-PY/TT-P-0840-S**
	10	3	3000	12-1/2	2-1/2	46	**8-94BBL-PY/TT-P-1030-S**
	10	4	4200	12-1/2	2-1/2	55	**8-94BBL-PY/TT-P-1040-S**
	12	4	4800	15-1/2	2-1/2	60	**8-94BBL-PY/TT-P-1240-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS							
	8	3	2520	10-1/2	2-1/2	32	**8-94BBL-PY/AL-P-0830-S**
	10	3	3000	12-1/2	2-1/2	36	**8-94BBL-PY/AL-P-1030-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	3	900	10-1/2	2-1/2	36-3/4	**8-94BBL-MR/CA-P-0830-S**
	10	3	1000	12-1/2	2-1/2	39-3/4	**8-94BBL-MR/CA-P-1030-S**
	10	4	1400	12-1/2	2-1/2	50-3/4	**8-94BBL-MR/CA-P-1040-S**
	12	3-1/2	1500	15-1/2	2-1/2	55-3/4	**8-94BBL-MR/CA-P-1235-S**
	12	4	1600	15-1/2	2-1/2	55-3/4	**8-94BBL-MR/CA-P-1240-S**
HEAVY DUTY MOLDON RUBBER / CAST IRON CORE (MH/CA) WITH PRECISION BALL BEARINGS							
	10	3	1800	12-1/2	2-1/2	39-3/4	**8-94BBL-MH/CA-P-1030-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
All load ratings are for manual operation at 2 mph.
For rigid casters, change "S" to "R" (i.e. 8-94BBL-PB-R-0415-**S** becomes 8-94BBL-PB-R-0415-**R**)
All Rig Options should be added to the end of the part number. (i.e. 8-94BBL-PB-R-0415-**SL** for Swivel Lock)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

8-94TRL CONSTRUCTION FEATURES

Load Capacity Up to 10,000 lbs.

- Top Plate / Yoke Base: 1/2" thick 1045 AISI drop forged steel
- Swivel Load Race: Precision tapered roller bearing which has 5" outside diameter for increased capacity
- Thrust Bearing: 1-1/4" tapered roller bearing
- Legs: 3/8" x 4" formed steel plate welded inside and out to yoke base and rigid top.
- King Bolt: 1-1/4" diameter integrally forged with top plate for maximum strength
- Axle: 1" solid axle with lock nut
- Lubrication: Zerk fitting in swivel section and wheel hub for ease of lubrication

Nylacron™ (NY/MD) Wheel

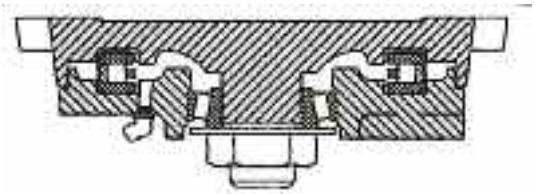
BRAKE OPTIONS

PCB	Poly Cam Brake
SSB	Single Side Brake
DSB	Double Side Brake
FCB	Face Contact Brake
WB	Wrap Around Brake

SWIVEL RIG CODES

SLW	Swivel Lock Welded

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94S Swivel	6 1/2" x 7 1/2"	4 1/2" x 6"	1/2"
94R Rigid	6" x 7 1/2"	4 1/2" x 6"	1/2"
C/S Swivel	6 1/2" x 8"	4 7/8" x 6 3/4"	5/8"
C/R Rigid	6" x 8"	4 7/8" x 6 3/4"	5/8"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

8-94TRL CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	4000	8-1/2	2-1/2	37	**8-94TRL-FS-R-0625-S**
	6	3	5000	8-1/2	2-1/2	45	**8-94TRL-FS-R-0630-S**
	8	3	4500	10-1/2	2-1/2	44	**8-94TRL-FS-R-0830-S**
	8	4	5000	10-1/2	2-1/2	47	**8-94TRL-FS-R-0840-S**
	10	3	5000	12-1/2	2-1/2	53-3/4	**8-94TRL-FS-R-1030-S**
	10	4	5000	12-1/2	2-1/2	73-3/4	**8-94TRL-FS-R-1040-S**
DUCTILE IRON / CROWNED TREAD (DU/CT) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	3500	8-1/2	2-1/2	37	**8-94TRL-DU/CT-R-0625-S**
	6	3	6000	8-1/2	2-1/2	45	**8-94TRL-DU/CT-R-0630-S**
	8	3	6000	10-1/2	2-1/2	46	**8-94TRL-DU/CT-R-0830-S**
	10	3	6000	12-1/2	2-1/2	53	**8-94TRL-DU/CT-R-1030-S**
DUCTILE IRON (DU) WHEELS WITH ROLLER BEARINGS							
	12	3-1/2	5000	15-1/2	2-1/2	67-1/2	**8-94TRL-DU-R-1235-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS							
	6	3	2800	8-1/2	2-1/2	45	**8-94TRL-CA-R-0630-S**
	8	3	2800	10-1/2	2-1/2	47	**8-94TRL-CA-R-0830-S**
	8	4	4000	10-1/2	2-1/2	52-1/2	**8-94TRL-CA-R-0840-S**
	10	3	2800	12-1/2	2-1/2	54	**8-94TRL-CA-R-1030-S**
	12	3	2800	15-1/2	2-1/2	60	**8-94TRL-CA-R-1230-S**
	12	3-1/2	4000	15-1/2	2-1/2	67-1/2	**8-94TRL-CA-R-1235-S**
CAST IRON / V-GROOVE (CA/VG) WHEELS WITH ROLLER BEARINGS							
	8	3	2800	10-1/2	2-1/2	44	**8-94TRL-CA/VG-R-0830-S**
	10	3	2800	12-1/2	2-1/2	53	**8-94TRL-CA/VG-R-1030-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	10,000	8-1/2	2-1/2	36	**8-94TRL-NY/MD-P-0625-S**
	6	3	10,000	8-1/2	2-1/2	38	**8-94TRL-NY/MD-P-0630-S**
	8	2-1/2	10,000	10-1/2	2-1/2	40	**8-94TRL-NY/MD-P-0825-S**
	8	3	10,000	10-1/2	2-1/2	42	**8-94TRL-NY/MD-P-0830-S**
	8	4	10,000	10-1/2	2-1/2	46	**8-94TRL-NY/MD-P-0840-S**
	10	2-1/2	10,000	12-1/2	2-1/2	44	**8-94TRL-NY/MD-P-1025-S**
	10	3	10,000	12-1/2	2-1/2	46	**8-94TRL-NY/MD-P-1030-S**
	10	4	10,000	12-1/2	2-1/2	50	**8-94TRL-NY/MD-P-1040-S**
	12	2-1/2	10,000	15-1/2	2-1/2	50	**8-94TRL-NY/MD-P-1225-S**
	12	3	10,000	15-1/2	2-1/2	52	**8-94TRL-NY/MD-P-1230-S**
	12	3-1/2	10,000	15-1/2	2-1/2	54	**8-94TRL-NY/MD-P-1235-S**
	12	4	10,000	15-1/2	2-1/2	60	**8-94TRL-NY/MD-P-1240-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	1620	8-1/2	2-1/2	38	**8-94TRL-TM-R-0625-S**
	8	3	2500	10-1/2	2-1/2	32-1/4	**8-94TRL-TM-R-0830-S**
	10	2-1/2	2500	12-1/2	2-1/2	46	**8-94TRL-TM-R-1025-S**
	10	3	2900	12-1/2	2-1/2	46	**8-94TRL-TM-R-1030-S**
	12	3-1/2	4000	15-1/2	2-1/2	49-3/4	**8-94TRL-TM-R-1235-S**
LAMINATED PHENOLIC / TEXITE (TL) WHEELS WITH ROLLER BEARINGS							
	6	3	2000	8-1/2	2-1/2	29-1/2	**8-94TRL-TL-R-0630-S**
	8	3	2500	10-1/2	2-1/2	32-1/4	**8-94TRL-TL-R-0830-S**
	10	3	3000	12-1/2	2-1/2	46	**8-94TRL-TL-R-1030-S**
(Continued on Next Page)	12	3-1/2	4000	15-1/2	2-1/2	49-3/4	**8-94TRL-TL-R-1235-S**

8-94TRL CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1950	8-1/2	2-1/2	36	**8-94TRL-VU/CA-P-0625-S**
	6	3	2450	8-1/2	2-1/2	37-1/4	**8-94TRL-VU/CA-P-0630-S**
	8	3	3025	10-1/2	2-1/2	41	**8-94TRL-VU/CA-P-0830-S**
	10	3	3600	12-1/2	2-1/2	45-1/2	**8-94TRL-VU/CA-P-1030-S**
THICK TREAD VULKOLLAN™ (VX) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2450	8-1/2	2-1/2	37-1/4	**8-94TRL-VX-P-0630-S**
	8	3	3025	10-1/2	2-1/2	41-1/2	**8-94TRL-VX-P-0830-S**
	10	3	3600	12-1/2	2-1/2	46	**8-94TRL-VX-P-1030-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	1600	8-1/2	2-1/2	37	**8-94TRL-PY/CA-P-0625-S**
	6	3	2000	8-1/2	2-1/2	42	**8-94TRL-PY/CA-P-0630-S**
	8	2-1/2	2000	10-1/2	2-1/2	44	**8-94TRL-PY/CA-P-0825-S**
	8	3	2500	10-1/2	2-1/2	46	**8-94TRL-PY/CA-P-0830-S**
	10	2-1/2	2200	12-1/2	2-1/2	50	**8-94TRL-PY/CA-P-1025-S**
	10	3	3000	12-1/2	2-1/2	54	**8-94TRL-PY/CA-P-1030-S**
	12	2-1/2	2500	15-1/2	2-1/2	70	**8-94TRL-PY/CA-P-1225-S**
	12	3	3500	15-1/2	2-1/2	73	**8-94TRL-PY/CA-P-1230-S**
THICK TREAD POLYURETHANE / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2040	8-1/2	2-1/2	37-1/4	**8-94TRL-PY/TT-P-0630-S**
	8	3	2520	10-1/2	2-1/2	41-1/2	**8-94TRL-PY/TT-P-0830-S**
	8	4	3500	10-1/2	2-1/2	48	**8-94TRL-PY/TT-P-0840-S**
	10	3	3000	12-1/2	2-1/2	46	**8-94TRL-PY/TT-P-1030-S**
	10	4	4200	12-1/2	2-1/2	55	**8-94TRL-PY/TT-P-1040-S**
	12	4	4800	15-1/2	2-1/2	60	**8-94TRL-PY/TT-P-1240-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS							
	8	3	2520	10-1/2	2-1/2	41	**8-94TRL-PY/AL-P-0830-S**
	10	3	3000	12-1/2	2-1/2	46	**8-94TRL-PY/AL-P-1030-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	3	900	10-1/2	2-1/2	36-3/4	**8-94TRL-MR/CA-P-0830-S**
	10	3	1000	12-1/2	2-1/2	39-3/4	**8-94TRL-MR/CA-P-1030-S**
	10	4	1400	12-1/2	2-1/2	50-3/4	**8-94TRL-MR/CA-P-1040-S**
	12	3-1/2	1500	15-1/2	2-1/2	55-3/4	**8-94TRL-MR/CA-P-1235-S**
	12	4	1600	15-1/2	2-1/2	55-3/4	**8-94TRL-MR/CA-P-1240-S**
HEAVY DUTY MOLDON RUBBER / CAST IRON CORE (MH/CA) WITH PRECISION BALL BEARINGS							
	10	3	1800	12-1/2	2-1/2	39-3/4	**8-94TRL-MH/CA-P-1030-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
All load ratings are for manual operation at 2 mph.
For rigid casters, change "S" to "R" (i.e. 8-94TRL-PB-P-0415-**S** becomes 8-94TRL-PB-P-0415-**R**)
All Rig Options should be added to the end of the part number. (i.e. 8-94TRL-PB-P-0415-**SL** for Swivel Lock)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

8-94K CONSTRUCTION FEATURES

Load Capacity Up to 8350 lbs.

- Top Plate / Yoke Base: 1/2" thick 1045 AISI steel one-piece forging precision machined and long life
- Swivel Section: 3/4" ball bearings mounted in 4-1/2" precision hardened and machined raceway
- Legs: 3/8" thick steel welded to yoke base using 100,000 psi weld filler
- Axle: 1" solid axle with lock nut
- Spring Loaded Shock Absorbing Casters: Specifications and CAD dwgs available for all sizes
- Dual Wheel Casters: Specifications and CAD dwgs available for all sizes

Vulkollan™ Wheel

Nylacron™ MD Wheel

RIG OPTION CODES

NY	Notched Yoke
L	Swivel Lock Welded
SL	Swivel Lock Field Attachable

BRAKE OPTIONS

SSB	Single Side Brake
DSB	Double Side Brake
PCB	Poly Cam Brake
FCB	Face Contact Brake
CWB	Cam Wheel Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94	6 1/4" x 7 1/2"	4 1/8" x 6" slotted to 4 1/2" x 6 1/8"	1/2"

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

8-94K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	4000	8-1/2	1-3/4	**8-94K-FS-R-0625-S**
	8	2-1/2	4000	10-1/2	2-1/4	**8-94K-FS-R-0825-S**
	8	3	5000	10-1/2	2-1/4	**8-94K-FS-R-0830-S**
	10	3	5000	12-1/2	2-3/4	**8-94K-FS-R-1030-S**
	10	4	8350	12-1/2	2-3/4	**8-94K-FS-R-1040-S**
FORGED STEEL / V-GROOVED (FS/VG) WHEELS WITH ROLLER BEARINGS						
	6	3	6000	8-1/2	1-3/4	**8-94K-FS/VG-R-0630-S**
	8	4	6000	10-1/2	2-1/4	**8-94K-FS/VG-R-0840-S**
	10	4	8350	12-1/2	2-3/4	**8-94K-FS/VG-R-1040-S**
HEAVY DUTY FORGED STEEL (FH) WHEELS WITH ROLLER BEARINGS						
	8	3	6000	10-1/2	2-1/4	**8-94K-FH-R-0830-S**
	10	3	6000	12-1/2	2-3/4	**8-94K-FH-R-1030-S**
DUCTILE IRON / CROWN TREAD (DU/CT) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	3500	8-1/2	1-3/4	**8-94K-DU/CT-R-0625-S**
	6	3	6000	8-1/2	1-3/4	**8-94K-DU/CT-R-0630-S**
	8	3	6000	10-1/2	2-1/4	**8-94K-DU/CT-R-0830-S**
	10	3	6000	12-1/2	2-3/4	**8-94K-DU/CT-R-1030-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS						
	6	3	2800	8-1/2	1-3/4	**8-94K-CA-R-0630-S**
	8	2-1/2	2300	8-1/2	1-3/4	**8-94K-CA-R-0825-S**
	8	3	2800	10-1/2	2-1/4	**8-94K-CA-R-0830-S**
	8	4	4000	10-1/2	2-1/4	**8-94K-CA-R-0840-S**
	10	3	2800	12-1/2	2-3/4	**8-94K-CA-R-1030-S**
	10	4	4000	12-1/2	2-3/4	**8-94K-CA-R-1040-S**
CAST IRON / V-GROOVED (CA/VG) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	2500	8-1/2	1-3/4	**8-94K-CA/VG-R-0625-S**
	8	2-1/2	2500	10-1/2	2-1/4	**8-94K-CA/VG-R-0825-S**
	8	3	4000	10-1/2	2-1/4	**8-94K-CA/VG-R-0830-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	8350	8-1/2	1-3/4	**8-94K-NY/MD-P-0625-S**
	6	3	8350	8-1/2	1-3/4	**8-94K-NY/MD-P-0630-S**
	8	2-1/2	8350	10-1/2	2-1/4	**8-94K-NY/MD-P-0825-S**
	8	3	8350	10-1/2	2-1/4	**8-94K-NY/MD-P-0830-S**
	8	4	8350	10-1/2	2-1/4	**8-94K-NY/MD-P-0840-S**
	10	2-1/2	8350	12-1/2	2-3/4	**8-94K-NY/MD-P-1025-S**
	10	3	8350	12-1/2	2-3/4	**8-94K-NY/MD-P-1030-S**
	10	4	8350	12-1/2	2-3/4	**8-94K-NY/MD-P-1040-S**
	12	2-1/2	8350	15-1/2	3-5/8	**8-94K-NY/MD-P-1225-S**
	12	3	8350	15-1/2	3-5/8	**8-94K-NY/MD-P-1230-S**
	12	3-1/2	8350	15-1/2	3-5/8	**8-94K-NY/MD-P-1235-S**
	12	4	8350	15-1/2	3-5/8	**8-94K-NY/MD-P-1240-S**
	14	3	8350	18	4-3/8	**8-94K-NY/MD-P-1430-S**
	14	4	8350	18	4-3/8	**8-94K-NY/MD-P-1440-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	1600	8-1/2	1-3/4	**8-94K-TM-R-0625-S**
	6	3	2000	8-1/2	1-3/4	**8-94K-TM-R-0630-S**
	8	2-1/2	2000	10-1/2	2-1/4	**8-94K-TM-R-0825-S**
	8	3	2500	10-1/2	2-1/4	**8-94K-TM-R-0830-S**
	10	3	2900	12-1/2	2-3/4	**8-94K-TM-R-1030-S**
	12	3-1/2	4000	15-1/2	3-5/8	**8-94K-TM-R-1235-S**
	12	4	8000	15-1/2	3-5/8	**8-94K-TM-R-1240-S**
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	2350	8-1/2	1-3/4	**8-94K-VU/CA-P-0625-S**
	6	3	3000	8-1/2	1-3/4	**8-94K-VU/CA-P-0630-S**
	8	2-1/2	2900	10-1/2	2-1/4	**8-94K-VU/CA-P-0825-S**
	8	3	4000	10-1/2	2-1/4	**8-94K-VU/CA-P-0830-S**
(Continued on Next Page)	10	3	5000	12-1/2	2-3/4	**8-94K-VU/CA-P-1030-S**

8-94K CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
THICK TREAD VULKOLLAN™ / CAST IRON CORE (VU/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	3	3000	8-1/2	1-3/4	**8-94K-VU/TT/CA-P-0630-S**
	8	3	4000	10-1/2	2-1/4	**8-94K-VU/TT/CA-P-0830-S**
	10	3	5000	12-1/2	2-3/4	**8-94K-VU/TT/CA-P-1030-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS (ALL SIZES AVAILABLE WITH VULKOLLAN™ TREAD)						
	6	2-1/2	1620	8-1/2	1-3/4	**8-94K-PY/CA-P-0625-S**
	6	3	2040	8-1/2	1-3/4	**8-94K-PY/CA-P-0630-S**
	8	2-1/2	2010	10-1/2	2-1/4	**8-94K-PY/CA-P-0825-S**
	8	3	2520	10-1/2	2-1/4	**8-94K-PY/CA-P-0830-S**
	8	4	3500	10-1/2	2-1/4	**8-94K-PY/CA-P-0840-S**
	10	3	3000	12-1/2	2-3/4	**8-94K-PY/CA-P-1030-S**
	10	4	4200	12-1/2	2-3/4	**8-94K-PY/CA-P-1040-S**
	12	3-1/2	4110	15-1/2	3-5/8	**8-94K-PY/CA-P-1235-S**
	12	4	4800	15-1/2	3-5/8	**8-94K-PY/CA-P-1240-S**
	14	4	5000	18	4-3/8	**8-94K-PY/CA-P-1440-S**
THICK TREAD POLYURETHANE / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	3	2040	8-1/2	1-3/4	**8-94K-PY/TT/CA-P-0630-S**
	8	3	2520	10-1/2	2-1/4	**8-94K-PY/TT/CA-P-0830-S**
	8	4	3500	10-1/2	2-1/4	**8-94K-PY/TT/CA-P-0840-S**
	10	3	3000	12-1/2	2-3/4	**8-94K-PY/TT/CA-P-1030-S**
	10	4	4200	12-1/2	2-3/4	**8-94K-PY/TT/CA-P-1040-S**
	12	4	4800	15-1/2	3-5/8	**8-94K-PY/TT/CA-P-1240-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	670	10-1/2	2-1/4	**8-94K-PY/AL-P-0825-S**
	8	3	840	10-1/2	2-1/4	**8-94K-PY/AL-P-0830-S**
	10	2-1/2	1000	12-1/2	2-3/4	**8-94K-PY/AL-P-1025-S**
	10	3	1400	12-1/2	2-3/4	**8-94K-PY/AL-P-1030-S**
X-TREME PLUS SOLID POLYURETHANE (XP) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	2000	10-1/2	2-1/4	**8-94K-XP-P-0825-S**
	8	3	2000	10-1/2	2-1/4	**8-94K-XP-P-0830-S**
	10	3	2500	12-1/2	2-3/4	**8-94K-XP-P-1030-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	540	8-1/2	1-3/4	**8-94K-MR/CA-P-0625-S**
	6	3	680	8-1/2	1-3/4	**8-94K-MR/CA-P-0630-S**
	8	2-1/2	670	10-1/2	2-1/4	**8-94K-MR/CA-P-0825-S**
	8	3	840	10-1/2	2-1/4	**8-94K-MR/CA-P-0830-S**
	10	3	1000	12-1/2	2-3/4	**8-94K-MR/CA-P-1030-S**
	10	4	1400	12-1/2	2-3/4	**8-94K-MR/CA-P-1040-S**
	12	3-1/2	1370	15-1/2	3-5/8	**8-94K-MR/CA-P-1235-S**
	12	4	1600	15-1/2	3-5/8	**8-94K-MR/CA-P-1240-S**
	14	3	1280	18	4-3/8	**8-94K-MR/CA-P-1430-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 8-94K-PB-P-0415-**S** becomes 8-94K-PB-P-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 8-94K-PB-P-0415-**SL** for Swivel Lock)

8-94KHD CONSTRUCTION FEATURES

Load Capacity Up to 20,000 lbs.

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

Polyurethane Wheels

SWIVEL RIG OPTIONS

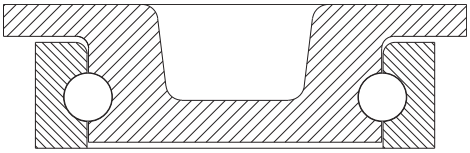
SLHOFI	Swivel Lock - Hand Operated Field Installable
SLFOFI	Swivel Lock - Foot Operated Field Installable
NY600	Notched yoke base for swivel locks

Spring-loaded, dual wheel models available, consult Acorn™.

BRAKE OPTIONS

PCB	Poly Cam Brake
FCB	Face Contact Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94S (Swivel)	6 1/4" x 7 1/2"	4 1/2" x 6" slotted to 4 1/8" x 6 1/8"	1/2"
94R (Rigid)	6" x 7 1/2"	4 1/2" x 6" slotted to 4 1/8" x 6 1/8"	1/2"

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

8-94KHD CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
HEAVY DUTY FORGED STEEL (FH) WHEELS WITH ROLLER BEARINGS						
	8	3	6000	10-1/2	2-1/2	**8-94KHD-FH-R-0830-S**
	10	3	6000	12-1/2	2-1/2	**8-94KHD-FH-R-1030-S**
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	4000	8-1/2	2-1/2	**8-94KHD-FS-R-0625-S**
	8	2-1/2	4000	10-1/2	2-1/2	**8-94KHD-FS-R-0825-S**
	8	3	5000	10-1/2	2-1/2	**8-94KHD-FS-R-0830-S**
	10	3	5000	12-1/2	2-1/2	**8-94KHD-FS-R-1030-S**
	10	4	8350	12-1/2	2-1/2	**8-94KHD-FS-R-1040-S**
FORGED STEEL / V-GROOVED / CAST IRON (FS/VG/CA) WHEELS WITH ROLLER BEARINGS						
	6	3	6000	10-1/2	2-1/2	**8-94KHD-FS/VG/CA-R-0630-S**
	8	4	6000	10-1/2	2-1/2	**8-94KHD-FS/VG/CA-R-0840-S**
	10	4	8350	12-1/2	2-1/2	**8-94KHD-FS/VG/CA-R-1040-S**
DUCTILE IRON / CROWN TREAD (DU/CT) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	3500	8-1/2	2-1/2	**8-94KHD-DU/CT-R-0625-S**
	6	3	6000	10-1/2	2-1/2	**8-94KHD-DU/CT-R-0630-S**
	8	3	6000	10-1/2	2-1/2	**8-94KHD-DU/CT-R-0830-S**
	10	3	6000	12-1/2	2-1/2	**8-94KHD-DU/CT-R-1030-S**
CAST IRON (CA) WHEELS WITH ROLLER BEARINGS						
	6	3	2800	8-1/2	2-1/2	**8-94KHD-CA-R-0630-S**
	8	2-1/2	2300	10-1/2	2-1/2	**8-94KHD-CA-R-0825-S**
	8	3	2800	10-1/2	2-1/2	**8-94KHD-CA-R-0830-S**
	8	4	4000	10-1/2	2-1/2	**8-94KHD-CA-R-0840-S**
	10	3	2800	12-1/2	2-1/2	**8-94KHD-CA-R-1030-S**
	10	4	4000	12-1/2	2-1/2	**8-94KHD-CA-R-1040-S**
V-GROOVED CAST IRON (VG/CA) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	2500	8-1/2	2-1/2	**8-94KHD-VG/CA-R-0625-S**
	8	2-1/2	2500	10-1/2	2-1/2	**8-94KHD-VG/CA-R-0825-S**
	8	3	4000	10-1/2	2-1/2	**8-94KHD-VG/CA-R-0830-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	8350	8-1/2	2-1/2	**8-94KHD-NY/MD-P-0625-S**
	6	3	8350	8-1/2	2-1/2	**8-94KHD-NY/MD-P-0630-S**
	8	2-1/2	8350	10-1/2	2-1/2	**8-94KHD-NY/MD-P-0825-S**
	8	3	8350	10-1/2	2-1/2	**8-94KHD-NY/MD-P-0830-S**
	8	4	10,000	10-1/2	2-1/2	**8-94KHD-NY/MD-P-0840-S**
	10	2-1/2	8350	12-1/2	2-1/2	**8-94KHD-NY/MD-P-1025-S**
	10	3	8350	12-1/2	2-1/2	**8-94KHD-NY/MD-P-1030-S**
	10	4	10,000	12-1/2	2-1/2	**8-94KHD-NY/MD-P-1040-S**
	12	2-1/2	8350	15-1/2	2-1/2	**8-94KHD-NY/MD-P-1225-S**
	12	3	8350	15-1/2	2-1/2	**8-94KHD-NY/MD-P-1230-S**
	12	3-1/2	8350	15-1/2	2-1/2	**8-94KHD-NY/MD-P-1235-S**
	12	4	10,000	15-1/2	2-1/2	**8-94KHD-NY/MD-P-1240-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS						
	6	2-1/2	1600	8-1/2	2-1/2	**8-94KHD-TM-R-0625-S**
	6	3	2000	8-1/2	2-1/2	**8-94KHD-TM-R-0630-S**
	8	2-1/2	2000	10-1/2	2-1/2	**8-94KHD-TM-R-0825-S**
	8	3	2500	10-1/2	2-1/2	**8-94KHD-TM-R-0830-S**
	10	3	2900	12-1/2	2-1/2	**8-94KHD-TM-R-1030-S**
	12	3-1/2	4000	15-1/2	2-1/2	**8-94KHD-TM-R-1235-S**
	12	4	8000	15-1/2	2-1/2	**8-94KHD-TM-R-1240-S**
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	2350	8-1/2	2-1/2	**8-94KHD-VU/CA-P-0625-S**
	6	3	3000	8-1/2	2-1/2	**8-94KHD-VU/CA-P-0630-S**
	8	2-1/2	2900	10-1/2	2-1/2	**8-94KHD-VU/CA-P-0825-S**
	8	3	4000	10-1/2	2-1/2	**8-94KHD-VU/CA-P-0830-S**
	10	2-1/2	3450	12-1/2	2-1/2	**8-94KHD-VU/CA-P-1025-S**
(Continued on Next Page)	10	3	5000	12-1/2	2-1/2	**8-94KHD-VU/CA-P-1030-S**

8-94KHD CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
THICK TREAD VULKOLLAN™ (VU/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	2350	8-1/2	2-1/2	**8-94KHD-VU/TT/CA-P-0625-S**
	6	3	3000	8-1/2	2-1/2	**8-94KHD-VU/TT/CA-P-0630-S**
	8	2-1/2	2900	10-1/2	2-1/2	**8-94KHD-VU/TT/CA-P-0825-S**
	8	3	4000	10-1/2	2-1/2	**8-94KHD-VU/TT/CA-P-0830-S**
	10	2-1/2	3450	12-1/2	2-1/2	**8-94KHD-VU/TT/CA-P-1025-S**
	10	3	5000	12-1/2	2-1/2	**8-94KHD-VU/TT/CA-P-1030-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	1620	8-1/2	2-1/2	**8-94KHD-PY/CA-P-0625-S**
	6	3	2040	8-1/2	2-1/2	**8-94KHD-PY/CA-P-0630-S**
	8	2-1/2	2010	10-1/2	2-1/2	**8-94KHD-PY/CA-P-0825-S**
	8	3	2520	10-1/2	2-1/2	**8-94KHD-PY/CA-P-0830-S**
	8	4	3500	10-1/2	2-1/2	**8-94KHD-PY/CA-P-0840-S**
	10	2-1/2	3000	12-1/2	2-1/2	**8-94KHD-PY/CA-P-1025-S**
	10	3	4200	12-1/2	2-1/2	**8-94KHD-PY/CA-P-1030-S**
	12	2-1/2	4110	15-1/2	2-1/2	**8-94KHD-PY/CA-P-1225-S**
	12	3	4800	15-1/2	2-1/2	**8-94KHD-PY/CA-P-1230-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	1600	8-1/2	2-1/2	**8-94KHD-PY/CA-P-0625-S**
	6	3	2000	8-1/2	2-1/2	**8-94KHD-PY/CA-P-0630-S**
	8	2-1/2	2000	10-1/2	2-1/2	**8-94KHD-PY/CA-P-0825-S**
	8	3	2500	10-1/2	2-1/2	**8-94KHD-PY/CA-P-0830-S**
	10	2-1/2	2200	12-1/2	2-1/2	**8-94KHD-PY/CA-P-1025-S**
	10	3	3000	12-1/2	2-1/2	**8-94KHD-PY/CA-P-1030-S**
	12	2-1/2	2500	15-1/2	2-1/2	**8-94KHD-PY/CA-P-1225-S**
	12	3	3500	15-1/2	2-1/2	**8-94KHD-PY/CA-P-1230-S**
THICK TREAD POLYURETHANE / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	3	2040	8-1/2	2-1/2	**8-94KHD-PY/TT/CA-P-0630-S**
	8	3	2520	10-1/2	2-1/2	**8-94KHD-PY/TT/CA-P-0830-S**
	10	4	3500	12-1/2	2-1/2	**8-94KHD-PY/TT/CA-P-1040-S**
	10	3	3000	12-1/2	2-1/2	**8-94KHD-PY/TT/CA-P-1030-S**
	12	4	4200	15-1/2	2-1/2	**8-94KHD-PY/TT/CA-P-1240-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	2010	10-1/2	2-1/2	**8-94KHD-PY/AL-P-0825-S**
	8	3	2520	10-1/2	2-1/2	**8-94KHD-PY/AL-P-0830-S**
	10	2-1/2	2370	12-1/2	2-1/2	**8-94KHD-PY/AL-P-1025-S**
	10	3	3000	12-1/2	2-1/2	**8-94KHD-PY/AL-P-1030-S**
X-TREME PLUS SOLID POLYURETHANE (XP) WHEELS WITH PRECISION BALL BEARINGS						
	8	2-1/2	2000	10-1/2	2-1/2	**8-94KHD-XP-P-0825-S**
	8	3	2000	10-1/2	2-1/2	**8-94KHD-XP-P-0830-S**
	10	3	2500	12-1/2	2-1/2	**8-94KHD-XP-P-1030-S**
HEAVY DUTY MOLDON RUBBER / CAST IRON CORE (MH/CA) WHEELS WITH ROLLER BEARINGS						
	8	2-1/2	1300	10-1/2	2-1/2	**8-94KHD-MH/CA-R-0825-S**
	10	3	1800	12-1/2	2-1/2	**8-94KHD-MH/CA-R-1030-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS						
	6	2-1/2	700	8-1/2	2-1/2	**8-94KHD-MR/CA-P-0625-S**
	6	3	750	8-1/2	2-1/2	**8-94KHD-MR/CA-P-0630-S**
	8	2-1/2	850	10-1/2	2-1/2	**8-94KHD-MR/CA-P-0825-S**
	8	3	900	10-1/2	2-1/2	**8-94KHD-MR/CA-P-0830-S**
	10	2-1/2	1000	12-1/2	2-1/2	**8-94KHD-MR/CA-P-1025-S**
	10	3	1400	12-1/2	2-1/2	**8-94KHD-MR/CA-P-1030-S**
	12	2-1/2	1500	15-1/2	2-1/2	**8-94KHD-MR/CA-P-1225-S**
	12	3	1600	15-1/2	2-1/2	**8-94KHD-MR/CA-P-1230-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 8-94KHD-PB-P-0415-**S** becomes 8-94KHD-PB-P-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 8-94KHD-PB-P-0415-**SL** for Swivel Lock)

8-94KR/DW - KINGPINLESS CASTER

Load Capacity Up to 10,000 lbs.

- Raceway Design: Single ball raceway, 4-1/2" diameter with 3/4" diameter carbon steel balls. Precision machined and hardened to 53 Rockwell C minimum. Load and thrust are accommodated by our patented design. Sealed raceway is standard.
- Axle: 3/4" bolt and nut for 3" wide, 1" or 1-1/4" bolt and nut for 4" wide, 1-1/4" bolt and nut for 5" wide.
- Finish: Laguna Blue paint
- Wheels: 3" wide wheels are available with either a 1" roller bearing that rotates on 3/4" x 1" x 3-9/16" hardened and ground spanner bushings or 3/4" tapered bearings that rotate on a 3/4" axle. 4" and 5" wheels are available with either a 1-1/4" I.D. roller bearings which rotate on a hardened and ground spanner bushing or 1-1/4" tapered bearings which rotate on the axle. All wheels are equipped with lubrication fitting.
- Mounting Plate: 6-1/4" x 7-1/2" x 1/2" swivel top plate, 6" x 7-1/2" x 1/2" rigid top plate
- Bolt Hole Spacing: 4-1/2" x 6", slotted to 4-1/8" x 6-1/8"
- Mounting Bolt: 1/2" diameter
- Leg Thickness: 3/8" thick
- Mounting Plate: 1/2" thick

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94	6 1/4" x 7 1/2"	4 1/8" x 6" slotted to 4 1/2" x 6 1/8"	1/2"
94K	6" x 7"	4-5/8" x 5-1/2" slotted to 4-3/8" x 5-5/8"	1/2"
95	6" x 7-1/2"	4-1/2" x 6" slotted to 4-1/8" x 6-1/8"	1/2"

RIG OPTIONS

CWB	Cam Wheel Brake
DSL*	Demountable Swivel Lock*
HDSL	Heavy Duty Demountable Swivel Lock
HT	High Temperature Lubrication
LT	Low Temperature Lubrication
NY	Notched Yoke
PCWB	Poly Cam Wheel Brake
SL**	Swivel Lock**
WS	Wheel Seals
ZP	Zinc Plating

*When ordering a DSL, you must also order the NY.

**Add 1/4" to overall height for swivel lock (SL) casters with 4" and 5" wide wheels.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

8-94KR/DW DUAL WHEEL KINGPINLESS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	10,000	8-1/2	1-9/16	24	**8-90KR/DW-NY/MD-P-0630-S**
	8	3	10,000	10-1/2	2	28	**8-90KR/DW-NY/MD-P-0830-S**
	8	4	10,000	10-1/2	2	30	**8-90KR/DW-NY/MD-P-0840-S**
	10	3	10,000	12-1/2	2-1/2	32	**8-90KR/DW-NY/MD-P-1030-S**
	10	4	10,000	12-1/2	2-1/2	34	**8-90KR/DW-NY/MD-P-1040-S**
	12	3	10,000	15-1/2	4-1/8	35	**8-90KR/DW-NY/MD-P-1230-S**
	12	4	10,000	15-1/2	3-3/8	40	**8-90KR/DW-NY/MD-P-1240-S**
	12	5	10,000	15-1/2	3-3/8	45	**8-90KR/DW-NY/MD-P-1250-S**
	12	6	10,000	15-1/2	3-3/8	50	**8-90KR/DW-NY/MD-P-1260-S**
	14	3	10,000	16-1/2	3-13/16	53	**8-90KR/DW-NY/MD-P-1430-S**
	14	4	10,000	16-1/2	3-13/16	56	**8-90KR/DW-NY/MD-P-1440-S**
	14	5	10,000	16-1/2	3-13/16	59	**8-90KR/DW-NY/MD-P-1450-S**
	14	6	10,000	16-1/2	3-13/16	70	**8-90KR/DW-NY/MD-P-1460-S**
	16	3	10,000	18-1/2	4	72	**8-90KR/DW-NY/MD-P-1630-S**
	16	4	10,000	18-1/2	4	76	**8-90KR/DW-NY/MD-P-1640-S**
	16	5	10,000	18-1/2	4	80	**8-90KR/DW-NY/MD-P-1650-S**
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	4000	8-1/2	1-9/16	39	**8-90KR/DW-UR/CA-P-0630-S**
	8	3	5000	10-1/2	2	49	**8-90KR/DW-UR/CA-P-0830-S**
	8	4	7000	10-1/2	2	68	**8-90KR/DW-UR/CA-P-0840-S**
	10	3	6000	12-1/2	2-1/2	74	**8-90KR/DW-UR/CA-P-1030-S**
	10	4	8400	12-1/2	2-1/2	116	**8-90KR/DW-UR/CA-P-1040-S**
	12	3	6800	15-1/2	3-3/8	83	**8-90KR/DW-UR/CA-P-1230-S**
	12	4	9600	15-1/2	3-3/8	96	**8-90KR/DW-UR/CA-P-1240-S**
	12	5	10,000	15-1/2	3-3/8	155	**8-90KR/DW-UR/CA-P-1250-S**
	12	6	10,000	15-1/2	3-3/8	180	**8-90KR/DW-UR/CA-P-1260-S**
	14	6	10,000	16-1/2	3-13/16	178	**8-90KR/DW-UR/CA-P-1460-S**
	16	3	10,000	18-1/2	4	115	**8-90KR/DW-UR/CA-P-1630-S**
	16	4	10,000	18-1/2	4	165	**8-90KR/DW-UR/CA-P-1640-S**
	16	5	10,000	18-1/2	4	185	**8-90KR/DW-UR/CA-P-1650-S**
URETHANE / THICK TREAD / CAST IRON CORE (UR/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	3	6800	12-1/2	2-1/2	64	**8-90KR/DW-UR/TT/CA-P-1030-S**
	10	4	9000	12-1/2	2-1/2	76	**8-90KR/DW-UR/TT/CA-P-1040-S**
	12	3	8200	15-1/2	4-1/8	101	**8-90KR/DW-UR/TT/CA-P-1230-S**
	12	4	10,000	15-1/2	3-3/8	106	**8-90KR/DW-UR/TT/CA-P-1240-S**
	12	5	10,000	15-1/2	3-3/8	155	**8-90KR/DW-UR/TT/CA-P-1250-S**
	14	3	8600	16-1/2	3-13/16	126	**8-90KR/DW-UR/TT/CA-P-1430-S**
	14	4	10,000	16-1/2	3-13/16	156	**8-90KR/DW-UR/TT/CA-P-1440-S**
	14	5	10,000	16-1/2	3-13/16	170	**8-90KR/DW-UR/TT/CA-P-1450-S**
	16	3	9200	18-1/2	4	94	**8-90KR/DW-UR/TT/CA-P-1630-S**
	16	4	10,000	18-1/2	4	165	**8-90KR/DW-UR/TT/CA-P-1640-S**
	16	5	10,000	18-1/2	4	205	**8-90KR/DW-UR/TT/CA-P-1650-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. **Additional wheels available.**

8-94K/SA & 8-94KHD/SA FEATURES

Load Capacity Up to 3000 lbs.

- Load Springs: Different load springs for permits wide variation in ride "softness."
- Complete Line: Available on all 6-81K SA and 6-81KHD SA series Kingpinless models. Consult Acorn™ for more information.
- Swivel Section: Kingpinless design. Ball bearing mounted in a machined raceway.
- Axle: 3/4" diameter standard. Optional 1" diameter available.

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

KEY FEATURE

8-94K/SA and 8-94KHD/SA spring loaded casters offer greater capacity and protection from damaging shock or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS

- Aviation Ground Support
- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

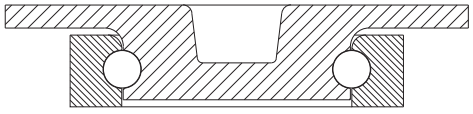
WHEEL TYPES

WHEEL TYPES	WHEEL CODE	BEARING
Nylacron™ MD	NY/MD	Precision Ball
Urethane 80A / Cast Iron Core	UR8/CA	Precision Ball
Urethane 95A / Cast Iron Core	UR9/CA	Precision Ball
Thick Tread Polyurethane	PY/TT	Precision Ball
Vulkollan™ / Cast Iron Core	VU/CA	Precision Ball
Vulkollan™ Thick Tread	VU/TT	Precision Ball

Additional wheels available, consult Acorn™.

8-94K/SA CROSS SECTION

8-94KHD/SA CROSS SECTION



8-94K/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	11.75"	4.50	7.62	**8-94K/SA-YA*-06401S**
6	3	2000	1.30"	11.75"	4.50	7.68	**8-94K/SA-YA*-06501S**
8	2-1/2	2000	1.30"	12.75"	4.50	8.62	**8-94K/SA-YA*-08401S**
8	3	2000	1.30"	12.75"	4.50	8.62	**8-94K/SA-YA*-08501S**
10	2-1/2	2000	1.30"	14.88"	4.50	9.56	**8-94K/SA-YA*-10401S**
10	3	2000	1.30"	14.88"	4.50	9.56	**8-94K/SA-YA*-10501S**
10	4	2000	1.30"	14.88"	4.50	9.75	**8-94K/SA-YA*-10701S**
10	5	3000	1.30"	14.88"	4.50	9.75	**8-94K/SA-YA*-10801S**
12	3	3000	1.30"	16.88"	5.31	11.44	**8-94K/SA-YA*-12501S**
12	3-1/2	3000	1.30"	16.88"	5.31	11.44	**8-94K/SA-YA*-12601S**
12	4	3000	1.30"	16.88"	5.31	11.50	**8-94K/SA-YA*-12701S**
12	5	3000	1.30"	16.88"	5.31	11.62	**8-94K/SA-YA*-12801S**
14	4	3000	1.30"	19.88"	6.13	13.50	**8-94K/SA-YA*-14701S**

For rigid casters, change “S” to “R” (i.e. 8-94K/SA-YA*-06401**S** becomes 8-94K/SA-YA*-06401**R**)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

8-94KHD/SA SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
6	2-1/2	2000	1.30"	11.75"	4.50	7.62	**8-94KHD/SA-YA*-06401S**
6	3	2000	1.30"	11.75"	4.50	7.68	**8-94KHD/SA-YA*-06501S**
8	2-1/2	2000	1.30"	12.75"	4.50	8.62	**8-94KHD/SA-YA*-08401S**
8	3	2000	1.30"	12.75"	4.50	8.62	**8-94KHD/SA-YA*-08501S**
10	2-1/2	2000	1.30"	14.88"	4.50	9.56	**8-94KHD/SA-YA*-10401S**
10	3	2000	1.30"	14.88"	4.50	9.56	**8-94KHD/SA-YA*-10501S**
10	4	2000	1.30"	14.88"	4.50	9.75	**8-94KHD/SA-YA*-10701S**
10	5	3000	1.30"	14.88"	4.50	9.75	**8-94KHD/SA-YA*-10801S**
12	3	3000	1.30"	16.88"	5.31	11.44	**8-94KHD/SA-YA*-12501S**
12	3-1/2	3000	1.30"	16.88"	5.31	11.44	**8-94KHD/SA-YA*-12601S**
12	4	3000	1.30"	16.88"	5.31	11.50	**8-94KHD/SA-YA*-12701S**
12	5	3000	1.30"	16.88"	5.31	11.62	**8-94KHD/SA-YA*-12801S**

For rigid casters, change “S” to “R” (i.e. 8-94KHD/SA-YA*-06401**S** becomes 8-94KHD/SA-YA*-06401**R**)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

MOUNTING PLATE (8-94K)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94	6 1/4” x 7 1/2”	4 1/8” x 6” slotted to 4 1/2” x 6 1/8”	1/2”

MOUNTING PLATE (8-94KHD)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94	6 1/4” x 7 1/2”	4 1/2” x 6” slotted to 4 1/8” x 6 1/8”	1/2”
95	6” x 7 1/2”	4 1/2” x 6” slotted to 4 1/8” x 6 1/8”	1/2”

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Kingpinless Swivel Caster with Nylacron™ MD Wheel

Series	Caster Type	Page #
9-95BBL	Kingpin - Hot Forged	2-3
9-95TRL	Kingpin - Hot Forged	4-6
9-95K	Kingpinless	7-9
9-95KHD	Kingpinless HD	10-12
9-95K/DW	Kingpinless - Dual Wheel	13-14
9-95KHD/SA	Kingpinless HD - Shock Absorbing Rigs	15

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products

www.acornindprod.com

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

9-95BBL CONSTRUCTION FEATURES

Load Capacity Up to 8000 lbs.

- Top Plate / Yoke Base: Drop forged steel. Precision machined for bearing
- Swivel Load Bearing: 7" diameter machined and heat treated raceway using 5/8" diameter steel balls which are protected by a labyrinth forged skirt.
- Component Thrust Bearing: 1 1/4" tapered roller bearing
- Legs: 1/2" steel plate deep formed for greater strength and welded to yoke with all welds both inside and outside
- King Bolt: Forged integrally with top plate. Machined and threaded 1-1/4"-12 USF.
- Axle: 1 1/4" solid axle and lock nut.
- Wheel Bearing: 1 1/4" tapered roller bearing or 1 1/2" straight roller bearing with hardened and ground spanner bushing inner race and 2 hardened steel thrust washers.
- Lubrication: Zerk fitting in yoke base and wheel hubs. Exception: 95-PA-12909 and 95-TL-06809 / TL-08909 / TM-08909 / TM-10909 which have prepacked and sealed wheel bearings.
- Finish: All metal parts except wheels are zinc plated

Polyurethane Wheel

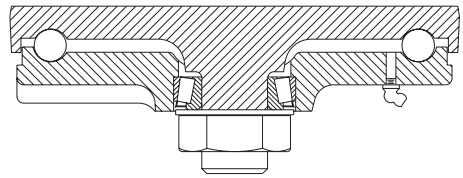
SWIVEL RIG OPTIONS

NS	Sealed Swivel Section
PCB	Poly Cam Brake
FCB	Face Contact Brake
SLW	Swivel Lock-Welded
SLFI	Swivel Lock-Field Installable

BRAKE OPTIONS

FBB	Face Brake
FCB	Face Contact Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
95	8 1/2" x 8 1/2"	7 x 7"	5/8"
T	8 1/2" x 11"	7 x 9 3/4"	5/8"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

9-95BBL CASTER SPECIFICATIONS

Wheel Type **(Wheel Code)**	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	6	3	6000	9	2-1/4	60-1/4	**9-95BBL-FS-R-0630-S**
	6	3	8000	9	2-1/4	59-1/2	**9-95BBL-FS-R-0630-S**
	8	4	8000	11	2-1/4	61-1/2	**9-95BBL-FS-R-0840-S**
	8	4	8000	11	2-1/4	72-1/2	**9-95BBL-FS-R-0840-S**
	10	3	6000	13	2-1/2	78-1/2	**9-95BBL-FS-R-1030-S**
	10	3	6500	13	2-1/2	78-1/2	**9-95BBL-FS-R-1030-S**
	10	4	8000	13	2-1/2	86-1/4	**9-95BBL-FS-R-1040-S**
	10	4	8000	13	2-1/2	86-1/2	**9-95BBL-FS-R-1040-S**
DUCTILE IRON (DU) WHEELS WITH ROLLER BEARINGS							
	12	3-1/2	6000	15-1/2	2-1/2	83-1/2	**9-95BBL-DU-R-0520-S**
NYLACRON™ (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	8000	9	2-1/4	37-1/4	**9-95BBL-NY/MD-P-0660-S**
	8	2-1/2	8000	11	2-1/4	41	**9-95BBL-NY/MD-P-0825-S**
	8	3	8000	11	2-1/4	41	**9-95BBL-NY/MD-P-0860-S**
	10	2-1/2	8000	13	2-1/2	45-1/2	**9-95BBL-NY/MD-P-1025-S**
	10	3	8000	13	2-1/2	45-1/2	**9-95BBL-NY/MD-P-1060-S**
	12	3-1/2	8000	15-1/2	2-1/2	73-1/2	**9-95BBL-NY/MD-P-1235-S**
	12	4	8000	15-1/2	2-1/2	76-1/4	**9-95BBL-NY/MD-P-1240-S**
	12	5	8000	15-1/2	2-1/2	90	**9-95BBL-NY/MD-P-1250-S**
	16	4	8000	19	3	111-1/2	**9-95BBL-NY/MD-P-1640-S**
	16	5	8000	19	3	126-1/4	**9-95BBL-NY/MD-P-1650-S**
LAMINATED PHENOLIC / TEXITE (TL) WHEELS WITH ROLLER BEARINGS							
	6	5	8000	9	2-1/4		**9-95BBL-TL-R-0650-S**
	8	6	5000	11	2-1/2	54	**9-95BBL-TL-R-0860-S**
	10	3	3000	13	2-1/2	46	**9-95BBL-TL-R-1030-S**
	10	6	5800	13	2-1/2	61-1/4	**9-95BBL-TL-R-1060-S**
	12	3-1/2	4000	15-1/2	2-1/2	58-3/4	**9-95BBL-TL-R-1235-S**
	16	4	8000	19	3	79-3/4	**9-95BBL-TL-R-1640-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	8	6	5000	11	2-1/2	54-1/2	**9-95BBL-TM-R-0860-S**
	10	3	2900	13	2-1/2	27	**9-95BBL-TM-R-1030-S**
	10	6	5800	13	2-1/2	54	**9-95BBL-TM-R-1060-S**
	12	4	8000	15	2-1/2	67-1/2	**9-95BBL-TM-R-1240-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH ROLLER BEARINGS							
	8	4	3500	11	2-1/4	63	**9-95BBL-PY/CA-R-0840-S**
	10	4	4200	13	2-1/2	71	**9-95BBL-PY/CA-R-1040-S**
	10	5	5000	13	2-1/2	82	**9-95BBL-PY/CA-R-1050-S**
	12	3-1/2	4100	15-1/2	2-1/2	73-1/2	**9-95BBL-PY/CA-R-1235-S**
	12	4	4800	15-1/2	2-1/2	76-1/4	**9-95BBL-PY/CA-R-1240-S**
	12	5	6000	15-1/2	2-1/2	90	**9-95BBL-PY/CA-R-1250-S**
	16	4	5970	19	3	111-1/2	**9-95BBL-PY/CA-R-1640-S**
	16	5	7700	19	3	126-1/4	**9-95BBL-PY/CA-R-1650-S**
THICK TREAD POLYURETHANE / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	3500	11	2-1/4	63	**9-95BBL-PY/TT/CA-P-0840-S**
	10	4	4200	13	2-1/2	71	**9-95BBL-PY/TT/CA-P-1040-S**
	12	3-1/2	4100	15-1/2	2-1/2	73-1/2	**9-95BBL-PY/TT/CA-P-1235-S**
	12	4	4800	15-1/2	2-1/2	76-1/4	**9-95BBL-PY/TT/CA-P-1240-S**
	12	5	6000	15-1/2	2-1/2	90	**9-95BBL-PY/TT/CA-P-1250-S**
	16	4	5970	19	3	111-1/2	**9-95BBL-PY/TT/CA-P-1640-S**
	16	5	7700	19	3	126-1/4	**9-95BBL-PY/TT/CA-P-1650-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	4	1400	13	2-1/2	64-3/4	**9-95BBL-MR/CA-P-1040-S**
	12	4	1600	15-1/2	2-1/2	55-3/4	**9-95BBL-MR/CA-P-1240-S**
	16	5	2570	19	3	105-1/4	**9-95BBL-MR/CA-P-1650-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

All load ratings are for manual operation at 2 mph. For rigid casters, change "S" to "R" (i.e. 9-95BBL-PB-P-0415-**S** becomes 9-95BBL-PB-P-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 9-95BBL-PB-P-0415-**SL** for Swivel Lock)

9-95TRL CONSTRUCTION FEATURES

Load Capacity Up to 17,000 lbs.

- Top Plate / Yoke Base: Drop forged steel. Precision machined
- Swivel Load Bearing: Tapered roller thrust bearing having a rated capacity of 17,000 pounds. This bearing has 7" outside diameter and the bearing is shielded as well as protected by a labyrinth forged skirt.
- Component Thrust Bearing: 1 1/4" tapered roller bearing
- Legs: 1/2" steel plate deep formed for greater strength and welded to yoke with all welds both inside and outside
- King Bolt: forged integrally with top plate. Machined and threaded 1 1/4"-12 USF
- Axle: 1 1/4" solid axle and lock nut
- Wheel Bearing: 1 1/4" tapered roller bearing or 1 1/2" straight roller bearing with hardened and ground spanner bushing inner race and 2 hardened steel thrust washers
- Lubrication: Zerk fitting in yoke base and wheel hubs. Exception: 95-PA-T-1235 and 95-TL-T-0650 / TL-T-0860 / TM-T-0860 / TM-T-1060 which have prepacked and sealed wheel bearings
- Finish: all metal parts except wheels are zinc plated

Forged Steel V-Groove Wheel

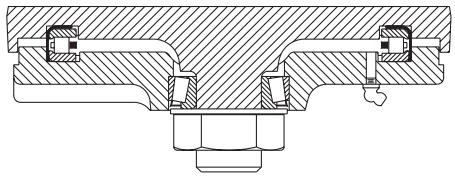
SWIVEL RIG OPTIONS

NS	Sealed Swivel Section
PCB	Poly Cam Brake
FCB	Face Contact Brake
SLW	Swivel Lock-Welded
SLFI	Swivel Lock-Field Installable

BRAKE OPTIONS

FBB	Face Brake
FCB	Face Contact Brake
SSB	Single Side Brake
DSB	Double Side Brake

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
95	8 1/2" x 8 1/2"	7 x 7"	5/8"
T	8 1/2" x 11"	7 x 9 3/4"	5/8"

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

9-95TRL CASTER SPECIFICATIONS

Wheel Type **(Wheel Code)**	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	6	3	6000	9	2-1/4	60-1/4	**9-95TRL-FS-R-0630-S**
	8	4	6000	11	2-1/4	72-1/2	**9-95TRL-FS-R-0840-S**
	10	3	6000	13	2-1/2	78-1/2	**9-95TRL-FS-R-1030-S**
	10	4	6000	13	2-1/2	86-1/2	**9-95TRL-FS-R-1040-S**
FORGED STEEL / V-GROOVED (FS/VG) WHEELS WITH ROLLER BEARINGS							
	6	3	10,000	9	2-1/4	59-1/2	**9-95TRL-FS/VG-R-0630-S**
	8	4	10,000	11	2-1/4	61-1/2	**9-95TRL-FS/VG-R-0840-S**
	10	3	10,000	13	2-1/2	67-3/4	**9-95TRL-FS/VG-R-1030-S**
	10	4	10,000	12-1/2	2-1/2	89-1/2	**9-95TRL-FS/VG-R-1040-S**
LARGE BORE FORGED STEEL (FH) WHEELS WITH ROLLER BEARINGS							
	6	3	17,000	9	2-1/4	59-1/2	**9-95TRL-FH-R-0630-S**
	8	4	17,000	11	2-1/4	72-1/2	**9-95TRL-FH-R-0840-S**
	10	4	17,000	13	2-1/2	86-1/2	**9-95TRL-FH-R-1040-S**
LARGE BORE FORGED STEEL / V-GROOVED (FH/VG) WHEELS WITH ROLLER BEARINGS							
	8	4	15,000	11	2-1/4	61-1/2	**9-95TRL-FH/VG-R-0840-S**
	10	4	15,000	12-1/2	2-1/2	86-1/2	**9-95TRL-FH/VG-R-1040-S**
DUCTILE IRON / CROWNED TREAD (DU/CT) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	3500	9	2-1/4	58	**9-95TRL-DU/CT-R-0625-S**
	6	3	6000	9	2-1/4	60	**9-95TRL-DU/CT-R-0630-S**
	8	3	6000	11	2-1/4	64	**9-95TRL-DU/CT-R-0830-S**
	10	3	6000	13	2-1/2	74	**9-95TRL-DU/CT-R-1030-S**
DUCTILE IRON (DU) WHEELS WITH ROLLER BEARINGS							
	12	3-1/2	6000	15-1/2	2-1/2	83-1/2	**9-95TRL-DU-R-0520-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	10,000	9	2-1/4	37-1/4	**9-95TRL-NY/MD-P-0660-S**
	6	5	17,000	9	2-1/4	39	**9-95TRL-NY/MD-P-0650-S**
	8	3	10,000	11	2-1/4	41	**9-95TRL-NY/MD-P-0860-S**
	8	4	15,000	11	2-1/4	61-1/2	**9-95TRL-NY/MD-P-0840-S**
	8	6	17,000	11	2-1/2	54-1/2	**9-95TRL-NY/MD-P-0860-S**
	10	3	10,000	13	2-1/2	45-1/2	**9-95TRL-NY/MD-P-1060-S**
	10	4	15,000	13	2-1/2	71	**9-95TRL-NY/MD-P-1040-S**
	10	5	17,000	13	2-1/2	82	**9-95TRL-NY/MD-P-1050-S**
	10	6	17,000	13	2-1/2	61-1/4	**9-95TRL-NY/MD-P-1060-S**
	12	3-1/2	10,000	15-1/2	2-1/2	73-1/2	**9-95TRL-NY/MD-P-1235-S**
	12	4	15,000	15-1/2	2-1/2	76-1/4	**9-95TRL-NY/MD-P-1240-S**
	12	5	17,000	15-1/2	2-1/2	90	**9-95TRL-NY/MD-P-1250-S**
	16	4	15,000	19	3	111-1/2	**9-95TRL-NY/MD-P-1640-S**
	16	5	17,000	19	3	126-1/4	**9-95TRL-NY/MD-P-1650-S**
LAMINATED PHENOLIC / TEXITE (TL) WHEELS WITH ROLLER BEARINGS							
	6	5	8000	9	2-1/4	49	**9-95TRL-TL-R-0650-S**
	8	6	5000	11	2-1/2	54	**9-95TRL-TL-R-0860-S**
	10	6	5800	13	2-1/2	61-1/4	**9-95TRL-TL-R-1060-S**
	12	3-1/2	4000	15-1/2	2-1/2	58-3/4	**9-95TRL-TL-R-1235-S**
	16	4	8000	19	3	79-3/4	**9-95TRL-TL-R-1640-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	8	6	5000	11	2-1/2	54-1/2	**9-95TRL-TM-R-0860-S**
	10	6	5800	13	2-1/2	54	**9-95TRL-TM-R-1060-S**
(Continued on Next Page)	12	4	8000	15-1/2	2-1/2	67-1/2	**9-95TRL-TM-R-1240-S**

9-95TRL CASTER SPECIFICATIONS (CONTINUED)

Wheel Type **(Wheel Code)**	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	3500	11	2-1/2	63	**9-95TRL-PY/CA-P-0840-S**
	10	4	4200	13	2-1/2	71	**9-95TRL-PY/CA-P-1040-S**
	10	5	5000	13	2-1/2	82	**9-95TRL-PY/CA-P-1050-S**
	12	3-1/2	4100	15-1/2	2-1/2	73-1/2	**9-95TRL-PY/CA-P-1235-S**
	12	4	4800	15-1/2	2-1/2	76-1/4	**9-95TRL-PY/CA-P-1240-S**
	12	5	6000	15-1/2	2-1/2	90	**9-95TRL-PY/CA-P-1250-S**
	16	4	5970	19	3	111-1/2	**9-95TRL-PY/CA-P-1640-S**
	16	5	7700	19	3	126-1/4	**9-95TRL-PY/CA-P-1650-S**
THICK TREAD POLYURETHANE / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	3500	11	2-1/4	63	**9-95TRL-PY/TT/CA-P-0840-S**
	10	4	4200	13	2-1/2	71	**9-95TRL-PY/TT/CA-P-1040-S**
	12	3-1/2	4100	15-1/2	2-1/2	73-1/2	**9-95TRL-PY/TT/CA-P-1235-S**
	12	4	4800	15-1/2	2-1/2	76-1/4	**9-95TRL-PY/TT/CA-P-1240-S**
	12	5	6000	15-1/2	2-1/2	90	**9-95TRL-PY/TT/CA-P-1250-S**
	16	4	5970	19	3	111-1/2	**9-95TRL-PY/TT/CA-P-1640-S**
	16	5	7700	19	3	126-1/4	**9-95TRL-PY/TT/CA-P-1650-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	4	1400	13	2-1/2	64-3/4	**9-95TRL-MR/CA-P-1040-S**
	12	4	1600	15-1/2	2-1/2	55-3/4	**9-95TRL-MR/CA-P-1240-S**
	16	5	2570	19	3	105-1/4	**9-95TRL-MR/CA-P-1650-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
All load ratings are for manual operation at 2 mph.
For rigid casters, change "S" to "R" (i.e. 9-95TRL-PB-P-0415-**S** becomes 9-95TRL-PB-P-0415-**R**)
All Rig Options should be added to the end of the part number. (i.e. 9-95TRL-PB-P-0415-**SL** for Swivel Lock)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

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Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

9-95K CONSTRUCTION FEATURES

Load Capacity Up to 20,000 lbs.

- Raceway Design: 4-1/2" diameter with 3/4" diameter carbon steel balls. Precision machined and hardened to 53 Rockwell C minimum scale. Load and thrust are accommodated by our patented Kingpinless design. Sealed raceway is standard.
- Leg Thickness: 3/8" formed steel
- Axle: 3/4" bolt and nut for 3" wide, 1" or 1-1/4" bolt and nut for 4" wide, 1-1/4" bolt and nut for 5" wide.
- Lubrication: Grease fitting in swivel and hub of wheel
- Finish: Laguna Blue
- Wheels: 3" wide wheels are available with either a 1" roller bearing or 3/4" tapered bearings. 4" and 5" wheels are available with 1-1/4" I.D. roller bearing or 1-1/4" tapered bearings. All wheels are equipped with a lubrication fitting.
- Mounting Plate: 6-1/4" x 7-1/2" x 1/2" swivel top plate, 6" x 7-1/2" x 1/2" rigid top plate
- Bolt Hole Spacing: 4-1/2" x 6", slotted to 4-1/8" x 6-1/8"
- Swivel Yoke Base: SAE 1045 hot steel forging
- Mounting Bolt Diameter: 1/2"
- Swivel Top Plate: SAE 1045 hot steel forging

BRAKE OPTIONS

PCB	Poly Cam Brake
FCB	Face Contact Brake
WCB	Wheel Cam Brake

SWIVEL CROSS SECTION

RIG OPTION CODES

NY	Notched Yoke
NS	Sealed Swivel Section
SL/W	Swivel Lock-Welded
SL/FI	Swivel Lock-Field Installable
SL/D	Swivel Lock-Field Demountable
HT	High Temp Lubrication
LT	Low Temp Lubrication
WS	Wheel Seals
ZP	Zinc Plated

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94	6-1/4" x 7-1/2"	4-1/2" x 6-1/8" slotted to 4-1/8" x 6"	5/8"
95	8 1/2" x 8 1/2"	7 x 7"	5/8"
T	8 1/2" x 11"	7 x 9 3/4"	5/8"

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

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9-95K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLER BEARINGS							
	6	2-1/2	5000	8-1/2	1-3/4	52	**9-95K-FS-R-0625-S**
	6	3	7000	8-1/2	1-3/4	55	**9-95K-FS-R-0630-S**
	8	2-1/2	4500	10-1/2	2-3/16	56	**9-95K-FS-R-0825-S**
	8	3	5500	10-1/2	2-3/16	60	**9-95K-FS-R-0830-S**
	8	4	20,000	12-1/2	2-3/16	88	**9-95K-FS-R-0840-S**
	10	3	6000	12-1/2	2-11/16	74	**9-95K-FS-R-1030-S**
	10	4	20,000	12-1/2	2-7/16	116	**9-95K-FS-R-1040-S**
FORGED STEEL / HEAVY DUTY (FS/HD) WHEELS WITH ROLER BEARINGS							
	6	3	10,000	8-1/2	1-3/4	55	**9-95K-FS/HD-R-0630-S**
FORGED STEEL / V-GROOVE (FS/VG) WHEELS WITH TAPERED BEARINGS							
	6	3	7000	8-1/2	1-3/4	55	**9-95K-FS/VG-R-0630-S**
	8	3	6000	10-1/2	2-3/16	60	**9-95K-FS/VG-R-0830-S**
	8	4	10,000	12-1/2	2-3/16	88	**9-95K-FS/VG-R-0840-S**
	10	3	6000	12-1/2	2-11/16	76	**9-95K-FS/VG-R-1030-S**
	10	4	10,000	12-1/2	2-7/16	110	**9-95K-FS/VG-R-1040-S**
CAST IRON / V-GROOVE (CA/VG) WHEELS WITH ROLER BEARINGS							
	8	2-1/2	3000	10-1/2	2-3/16	56	**9-95K-CA/VG-R-0825-S**
	8	3	5000	10-1/2	2-3/16	60	**9-95K-CA/VG-R-0830-S**
	10	3	5000	12-1/2	2-11/16	74	**9-95K-CA/VG-R-1030-S**
	12	3	3000	15-1/2	3-5/8	86	**9-95K-CA/VG-R-1230-S**
CAST IRON (CA) WHEELS WITH ROLER BEARINGS							
	6	3	3000	8-1/2	1-3/4	39	**9-95K-CA-R-0630-S**
	8	3	3000	10-1/2	2-3/16	49	**9-95K-CA-R-0830-S**
	8	4	4000	12-1/2	2-3/16	68	**9-95K-CA-R-0840-S**
	10	3	4000	12-1/2	2-11/16	74	**9-95K-CA-R-1030-S**
	12	3	5000	15-1/2	3-5/8	83	**9-95K-CA-R-1230-S**
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	1020	8-1/2	1-3/4	33	**9-95K-ER/CA-P-0630-S**
	8	2-1/2	1005	10-1/2	2-3/16	45	**9-95K-ER/CA-P-0825-S**
	8	3	1260	10-1/2	2-3/16	50	**9-95K-ER/CA-P-0830-S**
	10	3	1500	12-1/2	2-11/16	54	**9-95K-ER/CA-P-1030-S**
	10	4	1400	12-1/2	2-7/16	72	**9-95K-ER/CA-P-1040-S**
	12	3	1710	15-1/2	3-5/8	88	**9-95K-ER/CA-P-1230-S**
	12	4	1600	15-1/2	3-5/8	96	**9-95K-ER/CA-P-1240-S**
	12	5	2050	15-1/2	3-5/8	150	**9-95K-ER/CA-P-1250-S**
	16	3	1420	19	4-3/8	95	**9-95K-ER/CA-P-1630-S**
ELASTIC RUBBER / ALUMINUM CORE (ER/AL) WHEELS WITH PRECISION BALL BEARINGS							
	10	3	1500	12-1/2	2-11/16	48	**9-95K-ER/AL-P-1030-S**
(Continued on Next Page)	12	3	1710	15-1/2	3-5/8	68	**9-95K-ER/AL-P-1230-S**

9-95K CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	2000	8-1/2	1-3/4	33	**9-95K-UR/CA-P-0630-S**
	8	3	2500	10-1/2	2-3/16	52	**9-95K-UR/CA-P-0830-S**
	8	4	3500	12-1/2	2-3/16	64	**9-95K-UR/CA-P-0840-S**
	10	3	3000	12-1/2	2-11/16	61	**9-95K-UR/CA-P-1030-S**
	10	4	4200	12-1/2	2-7/16	76	**9-95K-UR/CA-P-1040-S**
	10	5	5000	12-1/2	2-5/8	80	**9-95K-UR/CA-P-1040-S**
	12	3	3400	15-1/2	3-5/8	92	**9-95K-UR/CA-P-1230-S**
	12	4	4800	15-1/2	3-5/8	96	**9-95K-UR/CA-P-1240-S**
	12	5	6000	15-1/2	3-5/8	155	**9-95K-UR/CA-P-1250-S**
	16	3	4600	19	4-3/8	94	**9-95K-ER/AL-P-1630-S**
	16	4	6000	19	4-3/8	165	**9-95K-ER/AL-P-1630-S**
	16	5	8400	19	4-3/16	185	**9-95K-ER/AL-P-1630-S**
URETHANE / ULTRA THICK / CAST IRON CORE (UR/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	3	3400	12-1/2	2-11/16	76	**9-95K-UR/TT/CA-P-1030-S**
	10	4	4500	12-1/2	2-7/16	80	**9-95K-UR/TT/CA-P-1040-S**
	12	3	4100	15-1/2	3-5/8	92	**9-95K-UR/TT/CA-P-1230-S**
	12	4	5300	15-1/2	3-5/8	96	**9-95K-UR/TT/CA-P-1240-S**
	12	5	6500	15-1/2	3-5/8	155	**9-95K-UR/TT/CA-P-1250-S**
	14	3	4800	18	4-3/8	126	**9-95K-UR/TT/CA-P-1630-S**
	14	4	6200	18	4-3/8	156	**9-95K-UR/TT/CA-P-1630-S**
	14	5	7600	18	4-3/16	170	**9-95K-UR/TT/CA-P-1630-S**
	16	3	5400	19	4-3/8	94	**9-95K-UR/TT/CA-P-1630-S**
	16	4	7100	19	4-3/8	165	**9-95K-UR/TT/CA-P-1630-S**
	16	5	8800	19	4-3/16	185	**9-95K-UR/TT/CA-P-1630-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" in the part number.

All Rig Options should be added to the end of the part number.

9-95KHD CONSTRUCTION FEATURES

Load Capacity Up to 20,000 lbs.

- Top Plate: 1/2” AISI 1045 steel one piece forged, precision welded and through hardened for long life.
- Yoke Base: Notched AISI 1045 steel machined and through hardened to minimize ball indentation and wear.
- Swivel Section: 7" Diameter with 3/4” hard chrome balls in precision machined through hardened raceway with threaded ball plug.
- Legs: 1/2" x 4" steel welded to yoke base using 100,000 psi weld filler, welded inside and outside for superior strength.
- Wheel Axle: 1-1/4” dia. zerk axle with lock nut
- Lubrication: Zerk fitting in swivel section and in recessed head of hollow axle.
- Finish: Zinc plated for greater corrosion resistance.

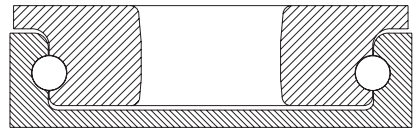
RIG OPTION CODES

NS	Sealed Swivel Section
SLW	Swivel Lock-Welded
SLFI	Swivel Lock-Field Installable

BRAKE OPTIONS

PCB	Poly Cam Brake
FCB	Face Contact Brake

SWIVEL CROSS SECTION



Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
95	8 1/2” x 8 1/2”	7 x 7”	5/8”

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

9-95KHD CASTER SPECIFICATIONS

Wheel Type **(Wheel Code)**	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER OR TAPERED BEARINGS							
	6	3	10000	8-1/2	2-1/4	59-1/2	**9-95KHD-FS-T-0630-S**
	8	4	10000	11	2-1/4	72-1/2	**9-95KHD-FS-T-0840-S**
	10	3	6500	13	2-1/2	78-1/2	**9-95KHD-FS-T-1030-S**
	10	4	10000	13	2-1/2	86-1/2	**9-95KHD-FS-T-1040-S**
FORGED STEEL / V-GROOVED (FS/VG) WHEELS WITH ROLLER BEARINGS							
	6	3	6000	8-1/2	2-1/4	59-1/2	**9-95KHD-FS/VG-R-0630-S**
	8	4	8350	11	2-1/4	61-1/2	**9-95KHD-FS/VG-R-0840-S**
	10	3	6000	13	2-1/2	67-3/4	**9-95KHD-FS/VG-R-1030-S**
	10	4	8350	13	2-1/2	89-1/2	**9-95KHD-FS/VG-R-1040-S**
LARGE BORE FORGED STEEL (FH) WHEELS WITH ROLLER BEARINGS							
	6	3	17000	8-1/2	2-1/4	59-1/2	**9-95KHD-FH-R-0630-S**
	8	4	17000	11	2-1/4	72-1/2	**9-95KHD-FH-R-0840-S**
	10	4	17000	13	2-1/2	86-1/2	**9-95KHD-FH-R-1040-S**
LARGE BORE FORGED STEEL / V-GROOVED (FH/VG) WHEELS WITH ROLLER BEARINGS							
	8	4	15000	11	2-1/4	61-1/2	**9-95KHD-FH/VG-R-0840-S**
	10	4	15000	13	2-1/2	86-1/2	**9-95KHD-FH/VG-R-1040-S**
DUCTILE IRON / CROWNED TREAD (DU/CT) WHEELS WITH ROLLER BEARINGS							
	6	2-1/2	3500	8-1/2	2-1/4	58	**9-95KHD-DU/CT-R-0625-S**
	6	3	6000	8-1/2	2-1/4	60	**9-95KHD-DU/CT-R-0630-S**
	8	3	6000	11	2-1/4	64	**9-95KHD-DU/CT-R-0830-S**
	10	3	6000	13	2-1/2	74	**9-95KHD-DU/CT-R-1030-S**
DUCTILE IRON (DU) WHEELS WITH ROLLER BEARINGS							
	12	3-1/2	6000	15-1/2	2-1/2	83-1/2	**9-95KHD-DU-R-0520-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	2-1/2	10,000	8-1/2	2-1/4	36	**9-95KHD-NY/MD-P-0625-S**
	6	3	10,000	8-1/2	2-1/4	37-1/4	**9-95KHD-NY/MD-P-0660-S**
	8	3	10,000	11	2-1/4	41	**9-95KHD-NY/MD-P-0860-S**
	8	4	15,000	11	2-1/2	63	**9-95KHD-NY/MD-P-0840-S**
	8	6	7200	11	2-1/2	54	**9-95KHD-NY/MD-P-0860-S**
	10	3	10,000	13	2-1/2	45-1/2	**9-95KHD-NY/MD-P-1060-S**
	10	4	15,000	13	2-1/2	71	**9-95KHD-NY/MD-P-1040-S**
	10	5	20,000	13	2-1/2	82	**9-95KHD-NY/MD-P-1050-S**
	10	6	20,000	13	2-1/2	61-1/4	**9-95KHD-NY/MD-P-1060-S**
	12	3-1/2	10,000	15-1/2	2-1/2	73-1/2	**9-95KHD-NY/MD-P-1235-S**
	12	4	15,000	15-1/2	2-1/2	76-1/4	**9-95KHD-NY/MD-P-1240-S**
	12	5	20,000	15-1/2	2-1/2	90	**9-95KHD-NY/MD-P-1250-S**
	16	4	15,000	19	3	111-1/2	**9-95KHD-NY/MD-P-1640-S**
	16	5	20,000	19	3	126-1/4	**9-95KHD-NY/MD-P-1650-S**
LAMINATED PHENOLIC / TEXITE (TL) WHEELS WITH ROLLER BEARINGS							
	6	5	8000	8-1/2	2-1/4	49	**9-95KHD-TL-R-0650-S**
	8	6	5000	11	2-1/2	54	**9-95KHD-TL-R-0860-S**
	10	6	5800	13	2-1/2	61-1/4	**9-95KHD-TL-R-1060-S**
	12	3-1/2	4000	15-1/2	2-1/2	58-3/4	**9-95KHD-TL-R-1235-S**
	16	4	8000	19	3	79-3/4	**9-95KHD-TL-R-1640-S**
PHENOLIC / TEXITE (TM) WHEELS WITH ROLLER BEARINGS							
	8	6	5000	11	2-1/2	54-1/2	**9-95KHD-TM-R-0860-S**
	10	6	5800	13	2-1/2	54	**9-95KHD-TM-R-1060-S**
	12	4	8000	15-1/2	2-1/2	67-1/2	**9-95KHD-TM-R-1240-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	3500	11	2-1/2	63	**9-95KHD-PY/CA-P-0840-S**
	10	4	4200	13	2-1/2	71	**9-95KHD-PY/CA-P-1040-S**
	10	5	5000	13	2-1/2	82	**9-95KHD-PY/CA-P-1050-S**
	12	3-1/2	4100	15-1/2	2-1/2	73-1/2	**9-95KHD-PY/CA-P-1235-S**
	12	4	4800	15-1/2	2-1/2	76-1/4	**9-95KHD-PY/CA-P-1240-S**
	12	5	6000	15-1/2	2-1/2	90	**9-95KHD-PY/CA-P-1250-S**
	16	4	5970	19	3	111-1/2	**9-95KHD-PY/CA-P-1640-S**
(Continued on Next Page)	16	5	7700	19	3	126-1/4	**9-95KHD-PY/CA-P-1650-S**

9-95KHD CASTER SPECIFICATIONS

Wheel Type **(Wheel Code)**	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
THICK TREAD POLYURETHANE / CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	3500	11	2-1/4	63	**9-95KHD-PY/TT/CA-P-0840-S**
	10	4	4200	13	2-1/2	71	**9-95KHD-PY/TT/CA-P-1040-S**
	12	3-1/2	4100	15-1/2	2-1/2	73-1/2	**9-95KHD-PY/TT/CA-P-1235-S**
	12	4	4800	15-1/2	2-1/2	76-1/4	**9-95KHD-PY/TT/CA-P-1240-S**
	12	5	6000	15-1/2	2-1/2	90	**9-95KHD-PY/TT/CA-P-1250-S**
	16	4	5970	19	3	111-1/2	**9-95KHD-PY/TT/CA-P-1640-S**
	16	5	7700	19	3	126-1/4	**9-95KHD-PY/TT/CA-P-1650-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	4	1400	13	2-1/2	64-3/4	**9-95KHD-MR/CA-P-1040-S**
	12	4	1600	15-1/2	2-1/2	55-3/4	**9-95KHD-MR/CA-P-1240-S**
	16	5	2570	19	3	105-1/4	**9-95KHD-MR/CA-P-1650-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**.
All load ratings are for manual operation at 2 mph.
For rigid casters, change "S" to "R" (i.e. 9-95KHD-PB-P-0415-**S** becomes 9-95KHD-PB-P-0415-**R**)
All Rig Options should be added to the end of the part number. (i.e. 9-95KHD-PB-P-0415-**SL** for Swivel Lock)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:
(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

9-95K/DW - DUAL WHEEL KINGPINLESS CASTER

Load Capacity Up to 20,000 lbs.

- Single Ball Raceway: 4-1/2" diameter with 3/4" diameter carbon steel balls. Precision machined and hardened to 53 Rockwell C minimum. Load and thrust are accommodated by our patented design. Sealed raceway is standard.
- Axle: 3/4" bolt and nut for 3" wide, 1" or 1-1/4" bolt and nut for 4" wide, 1-1/4" bolt and nut for 5" wide.
- Finish: Laguna Blue
- Wheels: 3" wide wheels are available with either a 1" roller bearing that rotates on 3/4" x 1" x 3-9/16" hardened and ground spanner bushings or 3/4" tapered bearings that rotate on a 3/4" axle. 4" and 5" wheels are available with either a 1-1/4" I.D. roller bearings which rotate on a hardened and ground spanner bushing or 1-1/4" tapered bearings which rotate on the axle. All wheels are equipped with lubrication fitting.
- Mounting Plate Size: 6-1/4" x 7-1/2" x 1/2" swivel top plate, 6" x 7-1/2" x 1/2" rigid top plate
- Bolt Hole Spacing: 4-1/2" x 6", slotted to 4-1/8" x 6-1/8"
- Mounting Bolt Diameter: 1/2"
- Leg Thickness: 3/8" thick
- Mounting Plate Thickness: 1/2"

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94 (standard)	6-1/4" x 7-1/2"	4-1/2" x 6-1/8" slotted to 4-1/8" x 6"	5/8"

SWIVEL RIG OPTIONS

SLHO Swivel Lock - Hand Operated Detachable

SLHO Swivel Lock - Hand Operated

NY850 Notched yoke base for swivel locks

Spring-Loaded Models Available, consult Acorn™. Single models also available.

BRAKE OPTIONS

FCB Face Contact Brake

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

9-95K/DW DUAL WHEEL KINGPINLESS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Approx. Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	14,300	8-3/4	1-9/16	55	**9-95K/DW-FS-P-0630-S**
	8	3	11,000	10-3/4	2-1/16	56	**9-95K/DW-FS-P-0830-S**
	8	4	20,000	10-3/4	2-1/16	88	**9-95K/DW-FS-P-0840-S**
	10	3	12,000	12-3/4	2-9/16	76	**9-95K/DW-FS-P-1030-S**
	10	4	10,000	12-3/4	2-9/16	110	**9-95K/DW-FS-P-1040-S**
CAST IRON (CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	6000	8-3/4	1-9/16	39	**9-95K/DW-CA-P-0630-S**
	8	3	6000	10-3/4	2-1/16	49	**9-95K/DW-CA-P-0830-S**
	8	4	8000	10-3/4	2-1/16	68	**9-95K/DW-CA-P-0840-S**
	10	3	8000	12-1/2	2-9/16	74	**9-95K/DW-CA-P-1030-S**
	10	4	10,000	12-3/4	2-9/16	116	**9-95K/DW-CA-P-1040-S**
	12	3	10,000	15-1/2	3-7/16	83	**9-95K/DW-CA-P-1230-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	10,000	8-3/4	1-9/16	24	**9-95K/DW-NY/MD-P-0630-S**
	8	3	10,000	10-3/4	2-1/16	28	**9-95K/DW-NY/MD-P-0830-S**
	8	4	15,000	10-3/4	2-1/16	32	**9-95K/DW-NY/MD-P-0840-S**
	10	3	10,000	12-1/2	2-9/16	33	**9-95K/DW-NY/MD-P-1030-S**
	10	4	15,000	12-3/4	2-9/16	38	**9-95K/DW-NY/MD-P-1040-S**
	12	3	10,000	15-1/2	3-7/16	34	**9-95K/DW-NY/MD-P-1230-S**
	12	4	15,000	15-1/2	3-7/16	40	**9-95K/DW-NY/MD-P-1240-S**
	12	5	20,000	15-1/2	3-7/16	66	**9-95K/DW-NY/MD-P-1250-S**
	12	6	20,000	15-1/2	3-7/16	76	**9-95K/DW-NY/MD-P-1260-S**
	14	3	10,000	18	3-7/8	40	**9-95K/DW-NY/MD-P-1430-S**
	14	4	15,000	18	3-7/8	46	**9-95K/DW-NY/MD-P-1440-S**
	14	5	20,000	18	3-7/8	72	**9-95K/DW-NY/MD-P-1450-S**
	14	6	20,000	18	3-7/8	86	**9-95K/DW-NY/MD-P-1460-S**
	16	3	10,000	19	4-1/8	56	**9-95K/DW-NY/MD-P-1630-S**
	16	4	15,000	19	4-1/8	86	**9-95K/DW-NY/MD-P-1640-S**
	16	5	20,000	19	4-1/8	92	**9-95K/DW-NY/MD-P-1650-S**
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	6	3	4000	8-3/4	1-9/16	39	**9-95K/DW-UR/CA-P-0630-S**
	8	3	5000	10-3/4	2-1/16	49	**9-95K/DW-UR/CA-P-0830-S**
	8	4	7000	10-3/4	2-1/16	68	**9-95K/DW-UR/CA-P-0840-S**
	10	3	6000	12-1/2	2-9/16	74	**9-95K/DW-UR/CA-P-1030-S**
URETHANE / THICK TREAD / CAST IRON CORE (UR/TT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	3	6800	12-1/2	2-9/16	76	**9-95K/DW-UR/TT/CA-P-1030-S**
	10	4	9000	12-3/4	2-9/16	102	**9-95K/DW-UR/TT/CA-P-1040-S**
	12	3	6800	15-1/2	3-7/16	98	**9-95K/DW-UR/TT/CA-P-1230-S**
	12	4	10,600	15-1/2	3-7/16	106	**9-95K/DW-UR/TT/CA-P-1240-S**
	12	5	13,000	15-1/2	3-7/16	180	**9-95K/DW-UR/TT/CA-P-1250-S**
	14	3	9600	18	3-7/8	126	**9-95K/DW-UR/TT/CA-P-1430-S**
	14	4	12,400	18	3-7/8	156	**9-95K/DW-UR/TT/CA-P-1440-S**
	16	3	10,800	19	4-1/8	115	**9-95K/DW-UR/TT/CA-P-1630-S**
	16	4	14,200	19	4-1/8	165	**9-95K/DW-UR/TT/CA-P-1640-S**
	16	5	17,600	19	4-1/8	205	**9-95K/DW-UR/TT/CA-P-1650-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**

Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. **Additional wheels available.**

9-95KHD/SA FEATURES

Load Capacity Up to 3000 lbs.

- Load Springs: Different load springs for permits wide variation in ride "softness."
- Complete Line: Available on all 6-81K SA and 6-81KHD SA series Kingpinless models. Consult Acorn™ for more information.
- Swivel Section: Kingpinless design. Ball bearing mounted in a machined raceway.
- Axle: 3/4" diameter standard. Optional 1" diameter available.

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

KEY FEATURE

9-95KHD/SA spring loaded casters offer greater capacity and protection from damaging shock or unwanted vibration and movement. Noise levels are reduced through the dampening effect of these casters.

TYPICAL APPLICATIONS

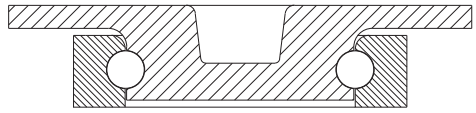
- Aviation Ground Support
- Aircraft tripod jacks
- Portable medical equipment
- Computer equipment
- Shock sensitive loads

WHEEL TYPES

WHEEL TYPES	WHEEL CODE	BEARING
Nylacron™ MD	NY/MD	Precision Ball
Urethane 80A / Cast Iron Core	UR8/CA	Precision Ball
Urethane 95A / Cast Iron Core	UR9/CA	Precision Ball
Thick Tread Polyurethane	PY/TT	Precision Ball
Vulkollan™ / Cast Iron Core	VU/CA	Precision Ball
Vulkollan™ Thick Tread	VU/TT	Precision Ball

Additional wheels available, consult Acorn™.

9-95KHD/SA CROSS SECTION



MOUNTING PLATE (9-95KHD/SA)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
95	8 1/2" x 8 1/2"	7 x 7"	5/8"

9-95KHD/SA RIG SPECIFICATIONS (YA = RIG ONLY)

Dia. (in.)	Width (in.)	Cap. at 50% Whl. Defl.(lbs.)	Total Whl. Deflection	OAH (no load)	Swl Lead (in.)	Swl Radius (in.)	Swivel Part Number
8	4	2000	1-1/3"	13.12"	4.50	8.75	**9-95KHD/SA-YA*-08701S01**
10	4	2000	1-1/3"	15.25"	4.50	9.75	**9-95KHD/SA-YA*-10701S01**
10	5	3000	1-1/3"	15.25"	4.50	9.75	**9-95KHD/SA-YA*-10801S01**
12	4	3000	1-1/3"	17.25"	5.31	11.50	**9-95KHD/SA-YA*-12701S01**
12	5	3000	1-1/3"	17.25"	5.31	11.62	**9-95KHD/SA-YA*-12801S01**
12	6	3000	1-1/3"	17.25"	5.31	11.75	**9-95KHD/SA-YA*-12901S01**

For rigid casters, change "S" to "R" (i.e. 9-95KHD/SA-YA*-06401**S** becomes 9-95KHD/SA-YA*-06401**R**)

Consult Acorn™ for all Kingpinless Spring Loaded Applications.

ACORN™ IN-PLANT SURVEY

A simple, safe & ergonomic operating practice for any caster application:
Each caster on the equipment should be rated at an amount equal to the total load.

ACORN PRODUCT SURVEY

Equipment Name / Type:_____

_____

_____

Measurements: _____

_____

_____

Maximum Capacity:

Contents + Container Weight = _____lbs

Is Overload Possible? ___ Yes ___ No

Shock Loads? ___ Yes ___ No

Heavier Loads in Future? ___ Yes ___ No

If Yes, _____ lbs

Floor Material: _____

_____

_____

Floor Condition: _____

_____

_____

Operating Environmental Factors: (Noise, Speed, Abuse, Extreme Temperature, Oils, Constant Moisture, Other_____

_____

Movement: ___ Manual Operation ___ Power/Towing Operation

Power: ___ High Speed ___ Side Thrust

CASTER MOUNTING PATTERN

Conventional: _____

Diamond:_____

4-Wheel: _____

6-Wheel: _____

Other: _____

ACCESSORIES / OPTIONS

Swivel Locks (SL): _____

Wheel Brakes (WB): _____

Total Lock Brakes (TL):_____

Floor Locks (FL):_____

Other: _____

TOP PLATE / CASTER CONSTRUCTION

Present Top Plate Size: _____ **x** _____ in / mm

Present Bolt Hole Pattern: _____ **x** _____ in / mm

Slotted To: _____ **x** _____ in / mm

Present Overall Height: _____ in / mm

Present Swivel Radius: _____ in / mm

Rig Construction:

___ Stamped ___ Cold Forged

___ Hot Forged ___ Kingpinless

___ Stainless Steel ___ Welded Legs

Notes: _____

_____

WHEEL OPTIONS

Wheel Diameter:_____

Tread Width: _____

Bearing Type: _____

Other: _____

Acorn Recomendations: _____

_____

_____

_____

Super Heavy Duty – INDEX

VULKOLLAN

Field Proven
and Job Rated

Series	Caster Type	Page #
10-98K	Kingpinless	2-4
10-98KM/DW	Kingpin - Dual Wheel	5
10-98K/DW	Kingpinless - Dual Wheel	6-7
10-98KHD/DW	Kingpinless - Dual Wheel	8-9
10-98K/VXDW	Dual Wheel - Pivoting Axle	10
10-98K/VYDW	Dual Wheel - Pivoting Axle	10
10-98K/VZDW	Dual Wheel - Pivoting Axle	10

Acorn™ can supply any size and type caster rig with any type wheel with proper size precision ball bearings. Call, fax or e-mail for application assistance, or visit our website to view or print our complete catalog.

Visit our Web site for new products
www.acornindprod.com

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

10-98K CONSTRUCTION FEATURES

Load Capacity Up to 40,000 lbs.

- Typical applications include ground support equipment, die carts, and aircraft engine stands.
- Leg thickness of 1/2" adds extra strength and durability.
- Raceway Design: Patented Kingpinless single ball bearing precision machined raceway hardened to 53 Rockwell C Minimum, 7" diameter raceway with 3/4" diameter ball bearings
- Finish: Laguna Blue paint
- Wheels: Eeither 3", 4", 5" or 6" wide depending upon wheel size and type. Wheels have either a 3/4", 1", 1-1/4" or 1-1/2" roller bearing or 3/4", 1", 1-1/4" tapered wheel bearings. Roller bearing wheels rotate on a hardened and ground spanner, tapered wheel bearings rotate on the axle. All wheels are equipped with lubrication fittings.
- Mounting Plate Size: 8-1/2" x 8-1/2" x 1/2"
- Bolt Hole Spacing: 7" x 7"

RIG OPTION CODES

NY	Notched Yoke Base
SL/W	Swivel Lock Welded
SL/FA	Swivel Lock Field Attachable
SL/D	Swivel Lock Demountable
HT	High Temp Lubrication
LT	Low Temp Lubrication
HDSL	Heavy-Duty Threaded Swivel Lock
SSR	Sealed Swivel Raceway
WS	Wheel Seals
ZP	Zinc Plated

BRAKE OPTIONS

SSB	Single Side Brake
DSB	Double Side Brake
PCWB	Poly Cam Wheel Brake
FCWB	Face Contact Wheel Brake

SWIVEL CROSS SECTION

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94	8-1/2" x 8-1/2"	7" x 7"	5/8"
LL	8-1/2" x 11"	7" x 9-3/4"	5/8"

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

10-98K CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH ROLLER BEARINGS							
	8	4	20,000	11-1/2	2-3/16	86	**10-98K-FS-R-0840-S**
	10	4	20,000	13	2-9/16	100	**10-98K-FS-R-1040-S**
FORGED STEEL / V-GROOVE (FS/VG) WHEELS WITH ROLLER BEARINGS							
	8	4	15,000	11-1/2	2-3/16	80	**10-98K-FS/VG-R-0840-S**
	10	4	15,000	13	2-9/16	92	**10-98K-FS/VG-R-1040-S**
CAST IRON (CA) WHEELS WITH TAPERED ROLLER BEARINGS							
	8	4	4000	11-1/2	2-3/16	70	**10-98K-CA-R-0840-S**
	10	4	5000	13	2-9/16	90	**10-98K-CA-R-1040-S**
	10	5	6000	13	2-9/16	95	**10-98K-CA-R-1050-S**
	11	6	10,000	14	2-3/4	95	**10-98K-CA-R-1160-S**
	12	6	10,000	15-1/2	3-3/8	130	**10-98K-CA-R-1260-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	20,000	11-1/2	2-3/16	60	**10-98K-NY/MD-P-0840-S**
	10	4	20,000	13	2-9/16	72	**10-98K-NY/MD-P-1040-S**
	10	5	20,000	13	2-9/16	75	**10-98K-NY/MD-P-1050-S**
	11	5	20,000	14	2-5/8	80	**10-98K-NY/MD-P-1150-S**
	11	6	20,000	14	2-3/4	82	**10-98K-NY/MD-P-1160-S**
	12	4	20,000	15-1/2	3-3/8	78	**10-98K-NY/MD-P-1240-S**
	12	5	20,000	15-1/2	3-3/8	82	**10-98K-NY/MD-P-1250-S**
	12	6	20,000	15-1/2	3-3/8	84	**10-98K-NY/MD-P-1260-S**
	14	4	20,000	18	3-11/16	90	**10-98K-NY/MD-P-1440-S**
	14	5	20,000	18	3-11/16	92	**10-98K-NY/MD-P-1450-S**
	14	6	20,000	18	3-11/16	94	**10-98K-NY/MD-P-1460-S**
	16	4	20,000	19	3-9/16	96	**10-98K-NY/MD-P-1640-S**
	16	5	20,000	19	3-9/16	98	**10-98K-NY/MD-P-1650-S**
	18	5	20,000	22	4-1/4	100	**10-98K-NY/MD-P-1850-S**
	20	5	20,000	23	4-1/4	104	**10-98K-NY/MD-P-2050-S**
VULKOLLAN™ / CAST IRON CORE (VU/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	3500	11-1/2	2-3/16	62	**10-98K-VU/CA-P-0840-S**
	10	4	4200	13	2-9/16	75	**10-98K-VU/CA-P-1040-S**
	10	5	5000	13	2-9/16	80	**10-98K-VU/CA-P-1050-S**
	11	5	5500	14	2-5/8	85	**10-98K-VU/CA-P-1150-S**
	12	4	4800	15-1/2	3-3/8	78	**10-98K-VU/CA-P-1240-S**
	12	5	6000	15-1/2	3-3/8	90	**10-98K-VU/CA-P-1250-S**
	12	6	7500	15-1/2	3-3/8	95	**10-98K-VU/CA-P-1260-S**
	16	4	6000	19	3-9/16	130	**10-98K-VU/CA-P-1640-S**
	14	4	6200	18	3-11/16	90	**10-98K-VU/CA-P-1440-S**
	14	5	7600	18	3-11/16	85	**10-98K-VU/CA-P-1450-S**
	14	6	9000	18	3-11/16	140	**10-98K-VU/CA-P-1460-S**
	16	5	8400	19	3-9/16	140	**10-98K-VU/CA-P-1650-S**
	18	5	8600	22	4-1/4	138	**10-98K-VU/CA-P-1850-S**
	20	5	9000	23	4-1/4	149	**10-98K-VU/CA-P-2050-S**
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	3500	11-1/2	2-3/16	62	**10-98K-UR/CA-P-0840-S**
	10	4	4200	13	2-9/16	75	**10-98K-UR/CA-P-1040-S**
	10	5	5000	13	2-9/16	80	**10-98K-UR/CA-P-1050-S**
	11	5	5500	14	2-5/8	85	**10-98K-UR/CA-P-1150-S**
	12	4	4800	15-1/2	3-3/8	78	**10-98K-UR/CA-P-1240-S**
	12	5	6000	15-1/2	3-3/8	90	**10-98K-UR/CA-P-1250-S**
	12	6	7500	15-1/2	3-3/8	95	**10-98K-UR/CA-P-1260-S**
	16	4	6000	19	3-9/16	130	**10-98K-UR/CA-P-1640-S**
	16	5	8400	19	3-9/16	140	**10-98K-UR/CA-P-1650-S**
	18	5	8600	22	4-1/4	138	**10-98K-UR/CA-P-1850-S**
(Continued on Next Page)	20	5	9000	23	4-1/4	149	**10-98K-UR/CA-P-2050-S**

10-98K CASTER SPECIFICATIONS (CONTINUED)

Wheel Type (Wheel Code)	Dia. (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swl. Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
ULTRA THICK POLYURETHANE / CAST IRON CORE (PY/UT/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	4	4500	13	2-9/16	62	**10-98K-PY/UT/CA-P-1040-S**
	12	4	5300	15-1/2	3-3/8	75	**10-98K-PY/UT/CA-P-1240-S**
	12	5	6500	15-1/2	3-3/8	78	**10-98K-PY/UT/CA-P-1250-S**
	14	4	6200	18	3-11/16	90	**10-98K-PY/UT/CA-P-1440-S**
	14	5	7600	18	3-11/16	85	**10-98K-PY/UT/CA-P-1450-S**
	14	6	9000	18	3-11/16	140	**10-98K-PY/UT/CA-P-1460-S**
	16	4	7100	19	3-9/16	97	**10-98K-PY/UT/CA-P-1640-S**
	16	5	8800	19	3-9/16	130	**10-98K-PY/UT/CA-P-1650-S**
ELASTIC RUBBER / CAST IRON CORE (ER/CA) WHEELS WITH PRECISION BALL BEARINGS							
	10	4	1400	13	2-9/16	72	**10-98K-ER/CA-P-1040-S**
	11	5	1760	14	2-5/8	85	**10-98K-ER/CA-P-1150-S**
	12	4	1600	15-1/2	3-3/8	78	**10-98K-ER/CA-P-1240-S**
	12	5	2050	15-1/2	3-3/8	90	**10-98K-ER/CA-P-1250-S**
	16	4	2050	19	3-9/16	130	**10-98K-ER/CA-P-1640-S**
	16	5	2570	19	3-9/16	140	**10-98K-ER/CA-P-1650-S**
	18	5	2800	22	4-1/4	150	**10-98K-ER/CA-P-1850-S**
	20	5	2050	23	4-1/4	155	**10-98K-ER/CA-P-2050-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing.**

All load ratings are for manual operation at 2 mph.

For rigid casters, change "S" to "R" (i.e. 10-98K-PB-P-0415-**S** becomes 10-98K-PB-P-0415-**R**)

All Rig Options should be added to the end of the part number. (i.e. 10-98K-UR/CA-PB-P-0415-**SL** for Swivel Lock)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

10-98M/DW PRECISION BEARING CASTERS

Load Capacity Up to 25,300 lbs.

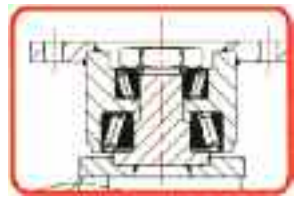
- Extra heavy fabricated steel top plate and fork base
- Combination of heavy duty opposed spherical roller thrust bearings in the swivel head allows this caster to swivel easily, even under the most punishing conditions
- Totally sealed swivel head with grease nipple
- 35mm wheel axle
- Finish is zinc plated, ROHS compliant or black polymer color-coated

RIG OPTIONS

DL 4-Way Directional Lock
WFB Wheel Face Brake

TOP PLATE

Top Plate: 365mm
Bolt Hole Centers: 4 Holes at p.c.d.
Attaching Bolt: 24mm



Cross Section

10-98KM/DW CASTERS with PRECISION BALL BEARING WHEELS

Part Number Swivel Caster	Swivel Caster with Anti-Static Wheel	Part Number Dia. x Tread (mm)	Swl OAH (mm)	Top Radius (mm)	Bolt Hole Plate (mm)	Attaching Centers (mm)	Bolt (mm)	Cap. (lb)
Premium Polyurethane with Precision Machined Cast Iron Core (UR/CA) Wheels with Precision Ball Bearings								
10-98M/DW-UR/CA-P-450/125-S	10-98M/DW-UR/CA/AS-P-450/125-S	450x125x2	570	350	365 Dia	4 Holes	24 300 p.c.d.	25,300
Nylacron™ MD (NY/MD) Black Wheels with Stainless Steel Precision Ball Bearings								
10-98M/DW-NY/MD-P-450/125-S	10-98M/DW-NY/MD/AS-P-450/125-S	450x125x2	570	350	365 Dia	4 Holes	24 300 p.c.d.	25,300
Nylacron™ Monocast (NY/MC) White Wheels with Stainless Steel Precision Ball Bearings								
10-98M/DW-NY/MC-P-450/125-S	10-98M/DW-NY/MC/AS-P-450/125-S	450x125x2	570	350	365 Dia	4 Holes	24 300 p.c.d.	25,300

To order a rigid caster, change the "S" to "R" in the model number

Additional wheels available, consult Acorn™

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

10-98K/DW - DUAL WHEEL KINGPINLESS CASTER

Load Capacity Up to 40,000 lbs.

- Raceway Design: Patented Kingpinless single ball bearing precision machined raceway hardened to 53 Rockwell C. minimum. 7" diameter raceway with 3/4" diameter ball bearings.
- Axle: 1-1/4" bolt with rotation prevent lug on leg and slotted nut adjustment
- Finish: Laguna Blue paint
- Wheels: Wheels are either 4", 5" or 6" wide depending upon diameter and wheel type. Roller bearing wheels are equipped with a bearing which rotates on hardened and ground spanners. Tapered bearing wheels have a 1-1/4" I.D. tapered bearing which rotate directly on a 1-1/4" axle. All wheels have lubrication fittings.
- Mounting Plate Size: 8-1/2" x 8-1/2" x 1/2"
- Bolt Hole Spacing : 7" x 7"
- Mounting Bolt Diameter: 5/8"
- Leg Thickness: 1/2" thick including the center leg

SWIVEL CROSS SECTION

RIG OPTION CODES

DSL*	Demountable Swivel Lock*
HDSL	Heavy Duty Demountable Swivel Lock
HT	High Temperature Lubrication
LT	Low Temperature Lubrication
NY	Notched Yoke
PCWB	Poly Cam Wheel Brake
SL	Swivel Lock
SR	Sealed Swivel Raceway
WS	Wheel Seals
ZP	Zinc Plated

*When ordering DSL, you must also order NY.

MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
94	8-1/2" x 8-1/2"	7" x 7"	5/8"
LL	8-1/2" x 11"	7" x 9-3/4"	5/8"

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

10-98K/DW DUAL WHEEL KINGPINLESS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Wt. (lbs.)	Swivel Part Number Add B, P, PL, R or T*
FORGED STEEL (FS) WHEELS WITH TAPERED ROLLER BEARINGS							
	8	4	40,000	11-1/2	2-1/8	86	**10-98K/DW-FS-T-0840-S**
	10	4	40,000	13-1/2	2-1/2	100	**10-98K/DW-FS-T-1040-S**
CAST IRON (CA) WHEELS WITH TAPERED ROLLER BEARINGS							
	8	4	8000	11-1/2	2-1/8	70	**10-98K/DW-CA-T-0840-S**
	10	4	10,000	13-1/2	2-1/2	90	**10-98K/DW-CA-T-1040-S**
	10	5	12,000	13-1/2	2-1/2	95	**10-98K/DW-CA-T-1050-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS							
	8	4	20,000	11-1/2	2-1/8	60	**10-98K/DW-NY/MD-P-0840-S**
	10	4	20,000	13-1/2	2-1/2	72	**10-98K/DW-NY/MD-P-1040-S**
	10	5	20,000	13-1/2	2-1/2	75	**10-98K/DW-NY/MD-P-1050-S**
	12	4	20,000	15-1/2	2-1/2	78	**10-98K/DW-NY/MD-P-1240-S**
	12	5	20,000	15-1/2	2-1/2	82	**10-98K/DW-NY/MD-P-1250-S**
	12	6	20,000	15-1/2	2-1/2	84	**10-98K/DW-NY/MD-P-1260-S**
	14	4	20,000	18-1/2	2-1/2	90	**10-98K/DW-NY/MD-P-1440-S**
	14	5	20,000	18-1/2	2-1/2	92	**10-98K/DW-NY/MD-P-1450-S**
	14	6	20,000	18-1/2	2-1/2	94	**10-98K/DW-NY/MD-P-1460-S**
	16	4	20,000	19-1/2	2-1/2	96	**10-98K/DW-NY/MD-P-1640-S**
	16	5	20,000	19-1/2	2-1/2	98	**10-98K/DW-NY/MD-P-1650-S**
	18	5	20,000	22	2-1/2	100	**10-98K/DW-NY/MD-P-1850-S**
	20	5	20,000	23-1/2	2-1/2	104	**10-98K/DW-NY/MD-P-2050-S**
URETHANE / CAST IRON CORE (UR/CA) WHEELS WITH TAPERED ROLLER BEARINGS							
	8	4	7000	11-1/2	2-1/8	62	**10-98K/DW-UR/CA-T-0840-S**
	10	4	8400	13-1/2	2-1/2	75	**10-98K/DW-UR/CA-T-1040-S**
	10	5	10,000	13-1/2	2-1/2	115	**10-98K/DW-UR/CA-T-1050-S**
	12	4	9600	15-1/2	2-1/2	78	**10-98K/DW-UR/CA-T-1240-S**
	12	5	12,000	15-1/2	2-1/2	90	**10-98K/DW-UR/CA-T-1250-S**
	12	6	15,000	15-1/2	2-1/2	95	**10-98K/DW-UR/CA-T-1260-S**
	14	6	18,000	18-1/2	2-1/2	170	**10-98K/DW-UR/CA-T-1460-S**
	16	4	12,000	19-1/2	2-1/2	130	**10-98K/DW-UR/CA-T-1640-S**
	16	5	16,800	19-1/2	2-1/2	200	**10-98K/DW-UR/CA-T-1650-S**
	18	5	17,200	22	2-1/2	270	**10-98K/DW-UR/CA-T-1850-S**
	20	5	18,000	23-1/2	2-1/2	280	**10-98K/DW-UR/CA-T-2050-S**
URETHANE / THICK TREAD / CAST IRON CORE (UR/TT/CA) WHEELS WITH TAPERED ROLLER BEARINGS							
	10	4	9000	13-1/2	2-1/2	95	**10-98K/DW-UR/TT/CA-T-1040-S**
	12	4	10,600	15-1/2	2-1/2	90	**10-98K/DW-UR/TT/CA-T-1240-S**
	12	5	13,000	15-1/2	2-1/2	100	**10-98K/DW-UR/TT/CA-T-1250-S**
	14	4	12,400	18-1/2	2-1/2	120	**10-98K/DW-UR/TT/CA-T-1440-S**
	14	5	15,200	18-1/2	2-1/2	150	**10-98K/DW-UR/TT/CA-T-1450-S**
	16	4	14,200	19-1/2	2-1/2	130	**10-98K/DW-UR/TT/CA-T-1640-S**
	16	5	17,600	19-1/2	2-1/2	210	**10-98K/DW-UR/TT/CA-T-1650-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**
Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. **Additional wheels available.**

10-98KHD/DW - DUAL WHEEL KINGPINLESS CASTER

Load Capacity Up to 30,000 lbs.

- Top Plate: 3/4" thick AISI 1045 steel one-piece forging precision machined and through-hardened for long life
- Yoke Base: AISI 1045 steel forging welded using 100,000 psi weld filler to 3/4" thick adapter plate
- Swivel Section: 7/8" ball bearings mounted in a 7" diameter precision machined raceway
- Legs: 3/4" thick through-hardened steel welded to yoke base using 100,000 psi weld filler
- Axle: 1-1/4" diameter
- **Alternate or custom caster configurations available**

SWIVEL RIG OPTIONS

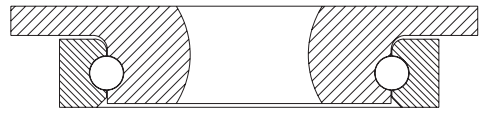
SLHO Swivel Lock - Hand Operated Detachable

SLHO Swivel Lock - Hand Operated

NY850 Notched yoke base for swivel locks

Spring-Loaded Models Available, consult Acorn™. Single models also available.

SWIVEL CROSS SECTION



MOUNTING PLATE (SWIVEL / RIGID)

Top Plate	Plate Size	Bolt Hole Spacing	Bolt Size
98K	12" x 12"	10 x 10"	5/8"

BRAKE OPTIONS

FCB Face Contact Brake

Vulkollan™ & Premium Urethanes Made the Bayer™ Way (Hot Poured)

with Precision Ball Bearings for Any Application

Vulkollan™ 93A Cast Iron Core (VU9/CA)

Urethane 93A Cast Iron Core (Pevopur™) (PY9/CA)

Urethane Soft 75-80A Cast Iron Core (Pevopur™) (PY8/CA)

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.

10-98KHD/DW DUAL WHEEL KINGPINLESS CASTER SPECIFICATIONS

Wheel Type (Wheel Code)	Diameter (in.)	Width (in.)	Capacity (lbs.)	OAH (in.)	Swivel Lead (in.)	Swivel Part Number Add B, P, PL, R or T*
HEAVY DUTY FORGED STEEL (FS/HD) WHEELS WITH PRECISION BALL BEARINGS						
	6	3	30,000	11	2-1/16	**10-98KHD/DW-FS/HD-P-0630-S**
	10	4	30,000	14-3/4	3-1/4	**10-98KHD/DW-FS/HD-P-1040-S**
NYLACRON™ MD (NY/MD) WHEELS WITH PRECISION BALL BEARINGS						
	6	3	20,000	11	3-1/4	**10-98KHD/DW-NY/MD-P-0630-S**
	10	4	20,000	14-3/4	3-1/4	**10-98KHD/DW-NY/MD-P-1040-S**
	12	4	20,000	15-3/4	3-1/4	**10-98KHD/DW-NY/MD-P-1240-S**
	12	4-1/2	20,000	15-3/4	3-1/4	**10-98KHD/DW-NY/MD-P-1245-S**
	12	5	20,000	15-3/4	3-1/4	**10-98KHD/DW-NY/MD-P-1250-S**
	12	6	20,000	15-3/4	3-1/4	**10-98KHD/DW-NY/MD-P-1260-S**
	16	4	20,000	19-3/4	4-1/2	**10-98KHD/DW-NY/MD-P-1640-S**
	16	5	20,000	19-3/4	4-1/2	**10-98KHD/DW-NY/MD-P-1650-S**
	18	5	20,000	22	5-1/4	**10-98KHD/DW-NY/MD-P-1850-S**
	18	6	20,000	22	4-1/2	**10-98KHD/DW-NY/MD-P-1860-S**
POLYURETHANE / CAST IRON CORE (PY/CA) WHEELS WITH PRECISION BALL BEARINGS						
	12	4	9600	15-3/4	3-1/4	**10-98KHD/DW-PY/CA-P-1240-S**
	16	4	11,940	19-3/4	4-1/2	**10-98KHD/DW-PY/CA-P-1640-S**
	16	5	15,400	19-3/4	4-1/2	**10-98KHD/DW-PY/CA-P-1650-S**
	18	5	16,800	22	5-1/4	**10-98KHD/DW-PY/CA-P-1850-S**
PRESS-ON POLYURETHANE (OG) WHEELS WITH PRECISION BALL BEARINGS						
	12	4-1/2	12,000	15-3/4	3-1/4	**10-98KHD/DW-OG-P-1245-S**
	18	6	20,000	22	4-1/2	**10-98KHD/DW-OG-P-1860-S**
POLYURETHANE / THICK TREAD CAST IRON CORE (PY/TT/CA) WHEELS WITH PRECISION BALL BEARINGS						
	12	4	9600	15-3/4	3-1/4	**10-98KHD/DW-PY/TT/CA-P-1240-S**
	12	5	12,000	15-3/4	3-1/4	**10-98KHD/DW-PY/TT/CA-P-1250-S**
	16	4	11,940	19-3/4	4-1/2	**10-98KHD/DW-PY/TT/CA-P-1640-S**
	16	5	15,400	19-3/4	4-1/2	**10-98KHD/DW-PY/TT/CA-P-1650-S**
MOLDON RUBBER / CAST IRON CORE (MR/CA) WHEELS WITH PRECISION BALL BEARINGS						
	12	4	3200	15-3/4	3-1/4	**10-98KHD/DW-MR/CA-P-1240-S**
	16	4	3980	19-3/4	4-1/2	**10-98KHD/DW-MR/CA-P-1640-S**
	16	5	5140	19-3/4	4-1/2	**10-98KHD/DW-MR/CA-P-1650-S**
	18	5	5600	22	5-1/4	**10-98KHD/DW-MR/CA-P-1850-S**
POLYURETHANE / ALUMINUM CORE (PY/AL) WHEELS WITH PRECISION BALL BEARINGS						
	12	6	15,000	15-3/4	3-1/4	**10-98KHD/DW-PY/AL-P-1260-S**

***Add "B" for Ball Bearing, "P" for Precision Bearing, "PL" for Plain Bearing, "R" for Roller Bearing or "T" for Tapered Bearing**
Dimensions shown are nominal. If precise dimensions are required, consult Acorn™. **Additional wheels available.**

10-98K/VXDW / VYDW / VZDW FEATURES

Load Capacity Up to 26,400 lbs.

The use of Pivoting Axle Casters assures that if one wheel goes on a higher surface, the axle will pivot to keep both wheels under load. It is essential when handling heavy loads that both wheels remain on the ground at all times to avoid an over-stress condition. Pivoting Axles are available on the 10-98K/VXDW, 10-98K/VYDW and 10-98K/VZDW Series Casters.

10-98K/VXDW/PA DUAL WHEEL PIVOTING AXLE CASTER SPECIFICATIONS

Dia. A	OAH** B	Swivel Radius C	Tread Width D	Speed (kph)	Wheel Type	Load Capacity	Swivel Part Number (Add T, R or P)*
330 mm	441 mm	400 mm	127 mm	16	Vulkollan™ / CA Core **VY**	3960 lbs	**10-98K/VXDW/PA-VY-T-330-S**

10-98K/VYDW/PA DUAL WHEEL PIVOTING AXLE CASTER SPECIFICATIONS

Dia. A	OAH** B	Swivel Radius C	Tread Width D	Speed (kph)	Wheel Type	Load Capacity	Swivel Part Number (Add T, R or P)*
400 mm	441 mm	400 mm	100 mm	6	VY-Vulkollan / CA Core	13,200 lbs	**10-98K/VYDW/PA-VY-T-400-S**

10-98K/VZDW/PA DUAL WHEEL PIVOTING AXLE CASTER SPECIFICATIONS

Dia. A	OAH** B	Swivel Radius C	Tread Width D	Speed (kph)	Wheel Type	Load Capacity	Swivel Part Number (Add T, R or P)*
432 mm	515 mm	440 mm	127 mm	6	Vulkollan™ / CA Core **VY**	26,400 lbs	**10-98K/VZDW/PA-VY-T-432-S**

To order a rigid caster, change the "S" to "R" in the model number.
*Add "T" for Tapered Bearing, "R" for Roller Bearing or "P" for Precision Bearing.
For approximate weight of our rigid casters, deduct 12 1/2 pounds per item.
**Optional heights available.

Call Acorn™ toll free (800.523.5474) for reccomendations on any application.

Nylacron™ Wheels

With Precision Ball Bearings for Any Application:

(NY/MD, NY/HSB, NY/MC, NY/GF)

Nylacron™ wheels with proper sized precision bearings are made to fit in any rig hub length and axle size. Nylacron™ wheels have greater load capacity ratings with better rollability while requiring less maintenance and have longer life.