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**FORGED STEEL  
(FS)**



**FORGED STEEL / V-GROOVE  
(FS/VG)**



**DUCTILE IRON / FLAT TREAD  
(DU/FT)**



**DUCTILE IRON / FULL RADIUS  
(DU/CT)**



**DUCTILE IRON / V-GROOVE  
(DU/VG)**



**CAST IRON  
(CA)**



**CAST IRON / SINGLE FLANGED  
(CA/FL)**



**CAST IRON / V-GROOVE  
(CA/VG)**



**STAINLESS STEEL  
(SS)**

## 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
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	-70° to 160°
Rubber on Iron, Extra Hard	Good	Good	Excellent	Good	Fair	-40° to 200°
Rubber on Iron, Neoprene	Fair	Excellent	Excellent	Good	Fair	-60° to 200°
Rubber on Iron, Low Profile	Good	Good	Excellent	Fair	Fair	-70° to 160°
Semi Steel	Excellent	Poor	Poor	Fair	Excellent	-50° to 600°
Forged Steel	Excellent	Poor	Poor	Excellent	Excellent	-50° to 600°
Solid Premium Urethane	Excellent	Fair	Good	Excellent	Excellent	0° to 180°
Phenolic ( Texite )	Excellent	Fair	Fair	Good	Good	-50° to 260°

## URETHANE WHEEL FEATURES

### Wheel Features Include:

**Liquid Casting.** Each premium urethane wheel is made from high grade liquid premium urethane that is chemically activated, and then set into form with heat.

**Chemical Bonding.** Unmatched in providing excellent adhesion of premium urethane to the wheel center. Mechanical bonds generally associated with injection molding tend to come loose around the core, creating a variety of problems.

**Casting preparation** is the key to providing the crucial bond. Exact procedures produce a bond that is well beyond industry standards.

**Solid web cast iron centers** provide greater strength and easier cleaning, and have a minimum tensile strength of 30,000 psi.

**ALL WHEELS ARE AVAILABLE IN STANDARD: 70A, 80A, 95A, 70D**

**Unique crown tread design** has no parting line, thereby improving appearance and providing a smoother ride with better concentricity. The crown tread is supplied in most sizes, 12x3 and smaller; for specific models please consult Acorn™.

**Urethane Compound Colors.** Another unique feature of our ability to produce premium urethane wheels in a variety of colors. Colors commonly available include **RED**, **BLUE**, and **GREEN** with green being our standard color and the most readily available from stock. Other colors are available; please consult Acorn™.



#### Polyurethane on Iron

A cast iron center with a “liquid cast,” chemically bonded tread. Most centers have solid web design for maximum strength and easy cleaning. 95A hardness is standard.

## CAPACITY RATINGS

Load capacities shown throughout the catalog are to be used as guidelines and may differ depending on the application and type of performance desired. Our capacities are based on intermittent use at speeds not greater than 3 mph. With treaded wheels, increasing the speed and/or duty cycle reduces the capacity. Many other factors can negatively influence the life of a wheel, such as obstacles, bearing lubrication and environmental conditions. Greater capacity (or other special requirements) can be achieved by modifying the tread type, hardness or thickness. Consult Acorn™ for further information.



#### Premium Urethane on Heavy Duty Iron

All castings have a 1/2” or greater cross-section throughout. Designed to withstand abusive or especially demanding applications.



#### Premium Urethane on Forged Steel

Extra thick premium urethane is chemically bonded to high capacity, solid web forged steel centers to provide an extremely heavy-duty combination.



#### Soft Premium Urethane on Iron

Super resilient, easy rolling, debris and chip resistant, quieter riding premium urethane on iron wheel. This slightly softer tread is a real problem solver. Available in all sizes.



#### Premium Urethane on Aluminum

“Liquid cast” premium urethane chemically bonded to aluminum centers. All the features standard in poly on iron but with light weight aluminum centers.



#### Premium Urethane on Iron with Precision Ball Bearings

Durable, low maintenance, easy rolling wheels help reduce workplace injuries.

## URETHANE WHEELS

Below are several examples of our standard product line. Virtually any configuration or combination of tread type and center can be manufactured. Please consult the factory with your needs.

### URETHANE TREADS WITH PRECISION BALL BEARINGS

#### 95A Standard

- Most versatile for general use
- Extremely durable
- High load bearing capacity

#### 85A Soft

- Debris resistant
- Excellent rollability
- Quieter with more cushioning

#### 70D Extra Hard

- High performance premium poly
- Best rollability
- Greatest load bearing
- Resists flatspotting

#### 95A High Performance

- For severe duty cycle applications
- Improved rollability

### \*Typical Physical Properties of Premium Urethane Wheels

Hardness <sup>1</sup>	85A	95A	70D
Ultimate Tensile (p.s.i.) <sup>2</sup>	6240	7400	7000
Elongation (%) <sup>3</sup>	570	430	250
Compression 10% (p.s.i.) <sup>4</sup>	280	770	2600
Bond Strength (p.l.i.) <sup>5</sup>	350	350	350

\*This chart does not include all available compounds. Please consult Acorn™ for more information, advising which characteristics are most important for your specific application.

<sup>1</sup>**Hardness:** Refers to a test instrument reading of premium urethane hardness, with letters A and D denoting the scale being used (D readings indicate higher hardness). For perspective, automobile tire rubber is usually in the 60-65 Shore A range.

<sup>2</sup>**Ultimate Tensile:** The pounds of pull at which a stretched specimen breaks. Indicative of the compound's "toughness."

<sup>3</sup>**Elongation:** The percentage of elongation at the point the stretched specimen breaks. Indicative of compound "elasticity."

<sup>4</sup>**Compression:** The pounds of compressive force required to compress a 1/2" thick x 1" square specimen 10%. Indicative of load bearing capacity.

<sup>5</sup>**Bond Strength:** The pounds of steady pull on a 1" wide flap of tire required to separate the tire from a metal center at the bond line. Indicative of premium urethane-to-metal bond strength.



FLAT TREAD  
1" roller bearing



FLAT TREAD  
3/4" roller bearing



CROWN TREAD  
3/4" roller bearing



CROWN TREAD  
no bearing, 1-15/16" bore



CROWN TREAD  
1" roller bearing w/ spanner



FLAT TREAD  
1-1/4" tapered roller bearings



FLAT TREAD  
1-1/4" roller bearing



FLAT TREAD  
1-1/4" tapered roller bearings



FLAT TREAD  
3/4" tapered roller bearings



CROWN TREAD  
3/4" tapered roller bearings



CROWN TREAD  
3/4" tapered roller bearings

## SPECIAL APPLICATION WHEELS



We have always been an innovative leader in designing special rubber and premium urethane tired industrial wheels. Although our wide selection of standard wheels satisfies most applications, many industries require specialized wheels.

The information on this page provides summarized information on some of the problem-solving characteristics that can be provided with specialized treads and/or centers. Please consult Acorn™ for more detailed information.

### Wheel Options

- Foundry pattern design and fabrication
- Custom mold design and fabrication
- Special wheel sizes
- Special hub lengths
- Special bores and keyways
- Special rubber and urethane treads
- **Thinner Treads:** In some high speed applications thinner treads will provide greater capacities.
- **Thicker Treads:** Increasing tread thickness will increase capacity by reducing tread stress. Thicker treads can be detrimental in high speed applications.
- **Concentricity:** Greater concentricity and T.I.R. than standard can be achieved.

## Special Application Wheels

**Extra Hard:** Harder treads generally improve rollability and increase load bearing capacity. Available in rubber and urethane on all sizes.

**Profile:** Any tread profile or size can be molded (if quantity warrants), or machined after molding.

**Extra Soft:** Extra soft treads are needed for cushioned ride and/or greater grip.

**V-Groove:** Any size or configuration can be made into a V-groove wheel.

**UV Resistant:** Ultraviolet light is destructive to premium urethanes. We offer urethane with special inhibitors which give much greater life to UV-exposed wheels.

**Debris Resistant:** Special softer tread is available in all sizes and is remarkably resistant to picking up chips and debris.

**Wet Applications:** Urethanes specifically designed for wet applications including outdoors, mining and underwater.

**Color:** Three standard urethane colors in red, blue and green. Generally, any color is available on special order.

**Hot Environments:** Specialized rubber tread has a maximum working temperature of 300°F. Also, urethanes are available that are more suitable for somewhat higher temperatures than the standard 180° maximum.

**Rollability:** Tread material has a very significant impact on rollability of a wheel. We offer several options with enhanced characteristics.

**Laundry Equipment:** Urethane specifically designed for the hot, wet, abusive conditions found in industrial laundry environments. Retread services available.

**Non-Marking:** All urethanes, regardless of color, are non-marking. Grey non-marking rubber is also available in all rubber sizes.

**Low-Temperature:** Very cold environments require special urethanes that do not become brittle. Call factory for details.

**Encapsulated:** Some extreme environments require encapsulating entire wheels with urethane. This process gives the rigidity of poly on iron but with solid poly protection.

## Special Centers

**Pattern Shop:** We have the capability to design and fabricate any foundry pattern for a casting not currently available in our extensive inventory.

**Stainless Steel:** Stainless is available and is commonly used in applications where rust or corrosion is a factor.

**Steel/Aluminum Billet:** On special short runs steel or aluminum billets are used to manufacture centers.

**Phenolic:** Urethane bonded to phenolic can be a low cost alternative to many other centers.

**Alloys:** Some applications require special alloys not normally used for industrial wheel centers, including brass, zinc and aluminum alloys.

**Nylon:** Special techniques allow us to effectively bond to nylon.

**Note:** Nearly any material that is machinable can be fashioned into a wheel but not all materials can have urethane or rubber bonded to them.

## DRIVE WHEELS



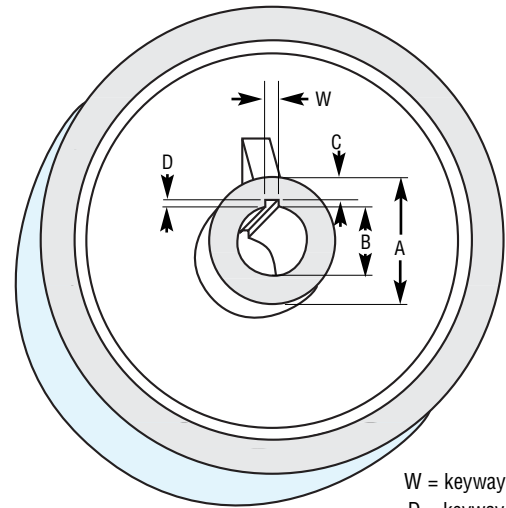
The applications are varied, but all involve fixing a wheel to a shaft. The most common means of securing a wheel to a shaft is with a keyway and/or setscrews. Other set-ups include tapered locking bushing, welding, interference fit, nuts and bolts, and cotter pins.

**Keyways can be machined in most wheel sizes.** The wheel hub diameter must be large enough to allow 1/4" of metal between the hub outside diameter and the bottom of the keyway. Because of the extra stress involved with keyed wheels, capacity ratings should be reduced by 50% and our normal warranty does not apply. When ordering, please specify shaft size as well as the width and depth of desired keyway. The chart at right shows the standard keyway dimensions in relation to the shaft diameter.

**Set screws are also available.** Unless otherwise specified, if one set screw is desired it will be placed over the keyway. If two, the second will be at 90° from the keyway.

### Wheel Options

- Specialty treads
  - Extended or offset hubs
  - Tapered bores
  - Setscrew access holes
  - Additional mounting hardware
  - Metric keyways and setscrews
  - Tapped mounting holes
- **Centers:** Cast iron, ductile or steel centers are most suitable for keywayed wheels. Aluminum is used in some lighter duty applications but is not recommended.
  - **Tread Life:** Drive wheel applications will often generate greater tread stress than standard caster wheels. Shorter tread life will often be experienced dependent upon the application.
  - **Metric Keyways:** Metric bore and keyways are available.



W = keyway width  
 D = keyway depth  
 A = outside diameter of hub  
 B = bore/shaft size  
 C = hub wall above keyway

### Standard Keyways and Keys

<u>Shaft Dia.</u>	<u>Keyway (Width/Depth)</u>	
1/2 to 9/16	1/8 Width	1/16 Depth
5/8 to 7/8	3/16 Width	3/32 Depth
15/16 to 1-1/4	1/4 Width	1/8 Depth
1-15/16 to 1-3/4	3/8 Width	3/16 Depth
1-13/16 to 2-1/4	1/2 Width	1/4 Depth
2-5/16 to 2-3/4	5/8 Width	5/16 Depth
2-13/16 to 3-1/4	3/4 Width	3/8 Depth

### Metric Keyways Available

## VULKOLLAN® / URETHANE RETREADING SERVICE

Retreading worn treads is frequently an excellent means of cost savings. This is especially true on specialty wheels with centers that are difficult to duplicate or are costly to replace from original equipment manufacturers. Our retreading program includes removal of existing tread, complete clean-up and inspection of centers, adding new treads and painting. We will inspect the existing tread and duplicate hardness and type when possible.

### Retreading Options

- All tread types
- Replacement bearings
- Repair of centers where possible



## VULKOLLAN® / URETHANES

### Any Size:

- up to 48"

### Any Shape:

- Flanged
- V-Groove
- U-Grooved
- Tapered
- Any Bore
- Keyed
- Locked Bushing

### Any Core:

- Aluminum
- Steel
- Synthetic

### Any Hardness:

- 20A to 83D

### Any Color:

- Red, Brown, Green, Etc.

### Applications:

- Amusement Ride Wheels  
(all rides)
- AGV Wheels
- Ball Bearings  
(urethane covered)
- Band Saw Wheels
- Belt Sander Wheels
- Conveyor Wheels
- Crane Wheels
- Drive Wheels
- Feed Wheels
- Flanged Wheels
- Load Wheels
- Material Handling Wheels
- Press-on Wheels
- Roller Coverings
- Split Rim Tires
- Textile Machinery Parts
- V-Groove Wheels



## VULKOLLAN® / URETHANE REMOLDS

The use of liquid polyurethane in molding caster wheels and pallet load wheels has increased rapidly due to the **IMPROVED ROLLING RESISTANCE, HIGHER ABRASION RESISTANCE and HIGHER LOAD BEARING CAPACITIES OF POLYURETHANE.**

The process begins with the selection of the liquid polyurethane elastomer to give the desired durometer (20A to 83D). It is then mixed with a curing agent and processed under close time and temperature tolerances.

All worn material is carefully removed from the metal hubs and wheels. The metal substrate of aluminum, steel or cast iron is then sandblasted and placed in a chemical degreasing bath to assure a clean, consistent adhesive bonding area.

Once the bonding surface preparation has been completed, a double coat of premium, super-strength bonding agent is applied, to aid in preventing premature polyurethane-to-wheel failures.

After drying of the bonding agent, the selected polyurethane elastomer is cast onto the wheel or hub core in a special molding operation. The molded parts are then processed through a critical curing cycle.

When all the processes are complete, the products go through final inspection to insure concentricity and quality.



Before

After

- **Full warranty:** to last as long or longer than new wheels.
- **Average:** Two week turn around normal.
- **Emergency service available**

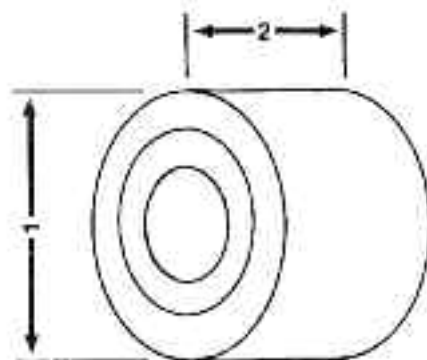
### ORDERING INFORMATION:

WHEN PLACING ORDER, PLEASE SPECIFY THE FINISHED SIZES FOR YOUR REMOLDS OR WHEELS.

FOR YOUR CONVENIENCE, REFER TO THE WHEEL DIAGRAM BELOW FOR PROPER REMOLD OR WHEEL TERMINOLOGY.

EXAMPLE: A 3-1/4" X 3" X 3/4" 80A REMOLD WOULD BE A FINISHED WHEEL WITH AN OUTSIDE DIAMETER OF 3-1/4", BASE TREAD WIDTH OF 3", TREAD THICKNESS OF 3/4" AND DUROMETER 80A

### REMOLD LOAD AND DRIVE WHEELS UP TO 48"



Be sure to specify :

1. = Outside Diameter
2. = Width ( Measured at Base of tread )
3. = Tread Thickness
4. = Durometer



## FORGED STEEL - FS

Capacity Up to 20,000 lbs.



Drop forged steel wheels are hot forged from carbon steel billets. The forging process improves grain flow, enhances ductility and tensile strength. Suitable for high capacity, abusive applications. Forged steel is 64,000 psi tensile strength.

## Features

- **Wheel face:** Flat with rounded edges
- **Finish:** Clear coat enamel
- **Temperature Range:** Up to 800°F
- **Hardness:** Rockwell 80 B

## Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™.

FORGED STEEL /  
LARGE BORE - FS/LB

Capacity Up to 20,000 lbs.

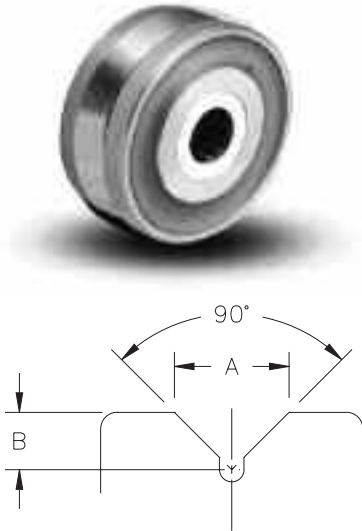
Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
4	1-1/2	1400	2-3/16	1-3/16	1/2	3-1/4	FS-R-0415-08
4	1-1/2	1400	2-3/16	1-3/16	5/8	3-1/4	FS-R-0415-10
4	1-1/2	1400	2-3/16	1-3/16	3/4	3-1/4	FS-R-0415-12
4	1-1/2	1400	2-7/16	1-3/8	1/2	3-1/4	FS-T-0415-08
5	1-3/4	1500	2-3/16	1-3/16	1/2	5-1/4	FS-R-0517-08
5	1-3/4	1500	2-3/16	1-3/16	5/8	5-1/4	FS-R-0517-10
5	1-3/4	1500	2-3/16	1-3/16	3/4	5-1/4	FS-R-0517-12
5	1-3/4	1800	2-7/16	1-3/8	1/2	5-1/4	FS-R-0517-08
6	2	1500	2-3/16	1-3/16	1/2	6-1/4	FS-R-0620-08
6	2	1500	2-3/16	1-3/16	5/8	6-1/4	FS-R-0620-10
6	2	1500	2-3/16	1-3/16	3/4	6-1/4	FS-R-0620-12
6	2	2500	2-7/16	1-3/8	1/2	6-1/4	FS-R-0620-08
6	2	2500	2-7/16	1-7/8	3/4	6-1/4	FS-R-0620-12
6	2-1/2	4000	3-1/4	1-15/16	1	11-3/4	FS-R-0625-16
6	2-1/2	4000	3-1/4	1-15/16	1-1/4	11-3/4	FS-R-0625-20
6	2-1/2	5000	3-1/2	1-7/8	3/4	11-1/4	FS-R-0625-12
6	2-1/2	5000	3-1/2	2-1/4	1	11-3/4	FS-R-0625-16
6	3	6000	3-1/4	2-7/16	1-1/4	20-1/4	FS-R-0630-20
6	3	6000	3-1/4	2-7/16	1-1/2	20-1/4	FS-R-0630-24
6	3	10000	3-1/4	2-7/16	1	19-3/4	FS-R-0630-16
6	3	10000	3-1/4	2-7/16	1-1/8	19-3/4	FS-R-0630-18
6	3	10000	3-1/4	2-7/16	1-1/4	19-3/4	FS-R-0630-20
8	2-1/2	4000	3-1/4	1-15/16	1	18	FS-R-0825-16
8	2-1/2	4000	3-1/4	1-15/16	1-1/4	18	FS-R-0825-20
8	3	4500	3-1/4	1-15/16	1	18-1/4	FS-R-0830-16
8	3	4500	3-1/4	1-15/16	1-1/4	18-1/4	FS-R-0830-20
8	3	5500	3-1/2	1-15/16	3/4	18-1/4	FS-R-0830-12
8	3	5500	3-1/2	2-1/4	1	18-1/4	FS-R-0830-16
8	4	8350	4-1/4	2-7/16	1-1/4	35-1/2	FS-R-0840-20
8	4	8350	4-1/4	2-7/16	1-1/2	35-1/2	FS-R-0840-24
8	4	10000	4-1/2	2-7/16	1	36-1/2	FS-R-0840-16
8	4	10000	4-1/2	2-7/16	1-1/8	36-1/2	FS-R-0840-18
8	4	10000	4-1/2	2-7/16	1-1/4	36-1/2	FS-R-0840-20
10	3	5000	3-1/4	1-15/16	1	27-3/4	FS-R-1030-16
10	3	5000	3-1/4	1-15/16	1-1/4	27-3/4	FS-R-1030-20
10	3	6000	3-1/2	1-15/16	3/4	27-1/2	FS-R-1030-12
10	4	8350	4-1/4	2-7/16	1-1/4	48	FS-R-1040-20
10	4	8350	4-1/4	2-7/16	1-1/2	48	FS-R-1040-24
10	4	10000	4-1/2	2-7/16	1	47-1/4	FS-R-1040-16
10	4	10000	4-1/2	2-7/16	1-1/8	47-1/4	FS-R-1040-18
10	4	10000	4-1/2	2-7/16	1-1/4	47-1/4	FS-R-1040-20

\*R = Roller bearing, P = Precision Ball bearing, T = Tapered Roller Bearing

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
6	3	17000	3-1/2	2-7/16	1-1/4	22-1/4	FS/LB-R-0630-20
6	3	17000	3-1/2	2-7/16	1-1/2	22-1/4	FS/LB-R-0630-24
8	3	6500	3-1/4	2-7/16	1-1/4	34	FS/LB-R-0830-20
8	4	20000	4-1/2	3-1/8	1-1/4	34	FS/LB-R-0840-20
8	4	20000	4-1/2	3-1/8	1-1/2	34	FS/LB-R-0840-24
10	3	6000	3-1/4	2-7/16	1-1/4	37-1/4	FS/LB-R-1030-20
10	3	6000	3-1/4	2-7/16	1-1/2	37-1/4	FS/LB-R-1030-24
10	3	6500	3-1/2	2-7/16	1	37	FS/LB-R-1030-16
10	3	6500	3-1/2	2.33	1-1/4	37	FS/LB-R-1030-20
10	4	20000	4-1/2	3-1/8	1-1/4	46-1/4	FS/LB-R-1040-20
10	4	20000	4-1/2	3-1/8	1-1/2	46-1/4	FS/LB-R-1040-24

## FORGED STEEL / V-GROOVE - FS/VG

**Capacity Up to 20,000 lbs.**



Wheel face and “V”-groove are machined from drop forged steel. A relief groove at the base of the “V” tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on a track but flat surfaces as well. VH wheels feature a larger bore for greater capacity.

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

### Features

- **Wheel face:** V-groove
- **Finish:** Clear

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult, Acorn™.
- For customization & special application options, consult Acorn™.

Wheel Dia. (in.)	Tread Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore ID (in.)	Bearing ID (in.)	Groove Width “A”	Groove Depth “B”	Approx. Weight (lbs.)	Part Number*
6	3	6000	3-1/4	2-7/16	1-1/4	1-3/8	11/16	20-1/4	FS/VG-R-0630-20
6	3	6000	3-1/4	2-7/16	1-1/2	1-3/8	11/16	20-1/4	FS/VG-R-0630-24
6	3	6500	3-1/2	2-7/16	1 1-3/8		11/16	19-3/4	FS/VG-T-0630-16
6	3	6500	3-1/2	2-7/16	1-1/4	1-3/8	11/16	19-3/4	FS/VG-T-0630-20
6	3	10000	3-1/2	3-1/8	1-1/4	1-3/8	11/16	22	FS/VG-T-0630-20
6	3	10000	3-1/2	3-1/8	1-1/2	1-3/8	11/16	22	FS/VG-T-0630-24
8	3	6000	3-1/4	1-15/16	1	7/8	7/16	30	FS/VG-R-0830-16
8	4	8350	4-1/4	2-7/16	1-1/4	1-3/4	7/8	21-3/4	FS/VG-R-0840-20
8	4	8350	4-1/4	2-7/16	1-1/2	1-3/4	7/8	21-3/4	FS/VG-R-0840-24
8	4	10000	4-1/2	2-7/16	1	1-3/4	7/8	21	FS/VG-T-0840-16
8	4	10000	4-1/2	2-7/16	1-1/4	1-3/4	7/8	21	FS/VG-T-0840-20
8	4	15000	4-1/2	3-1/8	1-1/4	1-3/4	7/8	27-1/2	FS/VG-T-0840-20
8	4	15000	4-1/2	3-1/8	1-1/2	1-3/4	7/8	27-1/2	FS/VG-T-0840-24
10	3	6000	3-1/4	2-7/16	1-1/4	1-3/8	11/16	37-1/2	FS/VG-R-1030-20
10	3	6000	3-1/4	2-7/16	1-1/2	1-3/8	11/16	37-1/2	FS/VG-R-1030-24
10	3	6000	3-1/2	2-7/16	1	1-3/8	11/16	37	FS/VG-T-1030-16
10	3	6000	3-1/2	2-7/16	1-1/4	1-3/8	11/16	37	FS/VG-T-1030-20
10	3	5000	3-1/4	1-15/16	1	1-3/8	11/16	27-3/4	FS/VG-R-1030-16
10	3	5000	3-1/4	1-15/16	1-1/4	1-3/8	11/16	27-3/4	FS/VG-R-1030-20
10	4	8350	4-1/4	2-7/16	1-1/4	1-3/4	7/8	48	FS/VG-R-1030-20
10	4	8350	4-1/4	2-7/16	1-1/2	1-3/4	7/8	48	FS/VG-R-1030-24
10	4	10000	4-1/2	2-7/16	1	1-3/4	7/8	47-1/4	FS/VG-T-1030-16
10	4	10000	4-1/2	2-7/16	1-1/4	1-3/4	7/8	47-1/4	FS/VG-T-1030-20
10	4	15000	4-1/2	3-1/8	1-1/4	1-3/4	7/8	46-1/4	FS/VG-T-1030-20
10	4	15000	4-1/2	3-1/8	1-1/2	1-3/4	7/8	46-1/4	FS/VG-T-1030-24

\* R = Roller bearing, P = Precision Ball bearing, T= Tapered Roller Bearing

**DUCTILE IRON /  
FLAT TREAD - DU/FT**

**Capacity Up to 6000 lbs.**



**Features**

- **Wheel face:** FM flat tread design, FR full radius tread design
- **Finish:** Black painted
- **Temperature Range:** Up to +800°F
- **Tensile Strength:** 65K PSI

**DUCTILE IRON / CROWN  
TREAD - DU/CT**

**Capacity Up to 6000 lbs.**



**DUCTILE IRON /  
V-GROOVE - DU/VG**

**Capacity Up to 6000 lbs.**



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
5	2	1500	2-3/16	1-3/16	3/4	6	DU/FT-R-0520-19
5	2	1500	2-3/16	1-3/16	1/2	6	DU/FT-T-0520-08
6	2	1500	2-3/16	1-3/16	3/4	7-1/2	DU/FT-R-0620-19
6	2	2000	2-3/16	1-3/16	1/2	7-1/2	DU/FT-T-0620-08
6	2-1/2	3500	3-1/4	1-15/16	1-1/4	10-1/2	DU/FT-R-0625-31
6	2-1/2	3500	3-1/4	1-15/16	1-1/4	10-1/2	DU/FT-T-0625-12
6	3	6000	3-1/4	1-15/16	1-1/4	11-1/2	DU/FT-R-0630-31
6	3	6000	3-1/4	1-15/16	1-1/4	11-1/2	DU/FT-T-0630-12
8	2	2000	2-3/16	1-3/16	3/4	11	DU/FT-R-0820-19
8	2	2000	2-3/16	1-3/16	1/2	11	DU/FT-T-0820-08
8	3	6000	3-1/4	1-15/16	1	15-1/2	DU/FT-R-0830-31
8	3	6000	3-1/4	1-15/16	3/4	15-1/2	DU/FT-T-0830-12
10	3	6000	3-1/4	1-15/16	1-1/4	20-1/2	DU/FT-R-1030-31
10	3	6000	3-1/4	1-15/16	3/4	20-1/2	DU/FT-T-1030-12
12	3-1/2	6000	4-1/4	2-7/16	1-1/4	40-1/2	DU/FT-R-1235-20
12	3-1/2	6000	4-1/4	2-7/16	1-1/2	40-1/2	DU/FT-T-1235-24
12	3-1/2	6000	4-1/2	2-7/16	1	40	DU/FT-R-1235-16
12	3-1/2	6000	4-1/2	2-7/16	1-1/4	40	DU/FT-T-1235-20

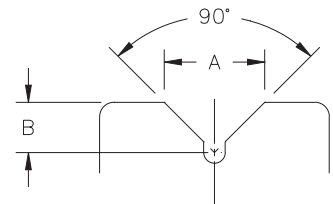
Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
5	2	1500	2-3/16	1-3/16	3/4	6	DU/CT-R-0520-19
5	2	1500	2-3/16	1-3/16	1/2	6	DU/CT-T-0520-08
6	2	2000	2-3/16	1-3/16	3/4	7-1/2	DU/CT-R-0620-19
6	2	2000	2-3/16	1-3/16	1/2	7-1/2	DU/CT-T-0620-08
6	2-1/2	3500	3-1/4	1-15/16	1-1/4	10-1/2	DU/CT-R-0625-31
6	2-1/2	3500	3-1/4	1-15/16	3/4	10-1/2	DU/CT-T-0625-12
6	3	6000	3-1/4	1-15/16	1-1/4	11-1/2	DU/CT-R-0630-31
6	3	6000	3-1/4	1-15/16	3/4	11-1/2	DU/CT-T-0630-12
8	2	1500	2-3/16	1-3/16	1-3/16	11	DU/CT-R-0820-19
8	2	2000	2-3/16	1-3/16	1/2	11	DU/CT-T-0820-08
8	3	5000	3-1/4	1-15/16	1-1/4	15-1/2	DU/CT-R-0830-31
8	3	6000	3-1/4	1-15/16	3/4	15-1/2	DU/CT-T-0830-12
10	3	5000	3-1/4	1-15/16	1-1/4	20-1/2	DU/CT-R-1030-31
10	3	6000	3-1/4	1-15/16	3/4	20-1/2	DU/CT-T-1030-12

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
4	2	1500	2-3/16	1-3/16	1-3/16	2-3/4	DU/VG-00-0420-19
6	2	1600	2-3/16	1-3/16	1-3/16	5-3/4	DU/VG-00-0620-19
6	3	5000	3-1/4	1-15/16	1-15/16	10-1/2	DU/VG-R-0630-31
6	3	5000	3-1/4	1-15/16	1-15/16	10-1/2	DU/VG-R-0630-31
8	3	5000	3-1/4	1-15/16	1-15/16	16-1/2	DU/VG-R-0830-31
10	3	6000	3-1/4	1-15/16	1-15/16	26	DU/VG-R-1030-31

\*R = Roller bearing, P = Precision Ball bearing, T = Tapered Roller Bearing

**V-Groove Measurements**

- A: 6" & 8" wheel diameters = 7/8" wide  
10" wheel diameters = 1-3/8" wide
- B: 6" & 8" wheel diameters = 7/16" tall  
10" wheel diameters = 11/16" tall



## CAST IRON - CA

Capacity Up to 8000 lbs.



**Cast Iron**, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). A cost-effective solution for high capacity applications.

### Features

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult Acorn™
- **Hardness:** Brinell 145

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
3	1-1/4	300	1-1/2	1/2		1-1/4	CA-R-0312-08
3	1-5/16	300	1-3/8	1-1/16	1/2	1-1/4	CA-R-0313-08
3-1/4	1-1/2	400	1-5/8	1-3/16	1/2	1	CA-R-3215-08
3-1/4	1-1/2	400	1-5/8	1-3/16	5/8	1	CA-R-3215-10
3-1/4	1-1/2	400	1-5/8	1-3/16	3/4	1	CA-R-3215-12
3-1/4	2	700	2-3/16	1-3/16	1/2	3-1/4	CA-R-3220-08
3-1/4	2	700	2-3/16	1-3/16	5/8	3-1/4	CA-R-3220-10
3-1/4	2	700	2-3/16	1-3/16	3/4	3-1/4	CA-R-3220-12
3-1/4	4	2000	4-1/2	1-7/8	3/4	6-1/2	CA-T-3240-12
4	1-1/4	350	1-3/8	1/2	1/2	1-3/4	CA-R-0412-08
4	1-5/16	350	1-3/8	1-1/16	1/2	1-3/4	CA-R-0413-08
4	1-1/2	600	1-5/8	1-3/16	1/2	2-1/4	CA-R-0415-08
4	1-1/2	600	1-5/8	1-3/16	5/8	2-1/4	CA-R-0415-10
4	1-1/2^	600	1-5/8	1-3/16	3/4	2-1/4	CA-R-0415-12
4	1-7/8	1000	2-3/16	1-7/16	1/2	3-1/4	CA-R-0417-08
4	1-7/8	1000	2-3/16	1-3/16	3/4	3-1/4	CA-R-0417-12
4	3	2000	3-1/4	1-15/16	1	8-1/4	CA-R-0430-16
4	3	2000	3-1/4	1-15/16	1-1/4	8-1/4	CA-R-0430-20
4	4	4000	4-1/4	2-7/16	1-1/4	10-3/4	CA-R-0440-20
4	4	4000	4-1/4	2-7/16	1-1/2	10-3/4	CA-R-0440-24
5	1-1/4	350	1-1/2	1/2		2-1/4	CA-R-0512-08
5	1-5/16	350	1-3/8	1-1/16	1/2	2-1/4	CA-R-0513-08
5	1-1/2	600	1-5/8	1-3/16	1/2	3-1/4	CA-R-0515-08
5	1-1/2	600	1-5/8	1-3/16	5/8	3-1/4	CA-R-0515-10
5	1-1/2	600	1-5/8	1-3/16	3/4	3-1/4	CA-R-0515-12
5	1-7/8	1300	2-3/16	1-3/16	1/2	4-1/4	CA-R-0517-08
5	1-7/8	1300	2-3/16	1-3/16	3/4	4-1/4	CA-R-0517-12
5	2-1/8	1500	2-3/16	1-7/16	7/8	5-1/4	CA-R-0521-14
5	2-1/8	1500	2-3/16	1-7/16	1	5-1/4	CA-R-0521-16
5	2-1/2	2300	3-1/4	1-15/16	1	10	CA-R-0525-16
5	2-1/2	2300	3-1/4	1-15/16	1-1/4	10	CA-R-0525-20
6	1-1/2	800	1-5/8	1-3/16	1/2	4	CA-R-0615-08
6	1-1/2	800	1-5/8	1-3/16	5/8	4	CA-R-0615-10
6	1-1/2	800	1-5/8	1-3/16	3/4	4	CA-R-0615-12
6	1-7/8	1400	2-3/16	1-3/16	1/2	6-1/4	CA-R-0617-08
6	1-7/8	1400	2-3/16	1-3/16	5/8	6-1/4	CA-R-0617-10
6	1-7/8	1400	2-3/16	1-3/16	3/4	6-1/4	CA-R-0617-12
6	2-1/2	2300	3-1/4	1-15/16	1	10-1/4	CA-R-0625-16
6	2-1/2	2300	3-1/4	1-15/16	11/4	10-1/4	CA-R-0625-20
6	2-1/2	1800	2-3/4	1-15/16	1	9-1/2	CA-R-0625-16
6	2-1/2	2300	3-1/2	1-15/16	3/4	10	CA-T-0625-12
6	3	2800	3-1/4	1-15/16	1	11-3/4	CA-R-0630-16
6	3	2800	3-1/4	1-15/16	11/4	11-3/4	CA-R-0630-20
6	3	2800	3-1/2	1-15/16	3/4	11-1/2	CA-T-0630-12
8	2	1800	2-3/16	1-3/16	1/2	8-1/2	CA-R-0820-08
8	2	1800	2-3/16	1-3/16	5/8	8-1/2	CA-R-0820-10
8	2	1800	2-3/16	1-3/16	3/4	8-1/2	CA-R-0820-12
8	2-1/2	2300	3-1/4	1-15/16	1	13-1/4	CA-R-0825-16
8	2-1/2	2300	3-1/4	1-15/16	1-1/4	13-1/4	CA-R-0825-20
8	2-1/2	1600	2-3/4	1-3/16	3/4	10	CA-R-0825-12
8	2-1/2	1800	2-3/4	1-15/16	1	13	CA-R-0825-16
8	3	2800	3-1/4	1-15/16	1	11-3/4	CA-R-0830-16
8	3	2800	3-1/4	1-15/16	1-1/4	11-3/4	CA-R-0830-20
8	3	2800	3-1/2	1-15/16	3/4	11-1/2	CA-R-0830-12
8	4	4000	4-1/4	2-7/16	1-1/4	27-1/4	CA-T-0840-20
8	4	4000	4-1/4	2-7/16	1-1/2	27-1/4	CA-R-0840-24
8	4	6000	4-1/2	2-7/16	1	26-1/2	CA-T-0840-16
8	4	6000	4-1/2	2-7/16	1-1/4	26-1/2	CA-T-0840-20

(Continued on Next Page)

## CAST IRON - CA

(Continued)

**Cast Iron**, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). A cost-effective solution for high capacity applications.

### Features

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult Acorn™
- **Hardness:** Brinell 145

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™

## CAST IRON /LARGE BORE CA/LB



## CAST IRON / HIGH TENSILE CA/HT



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
<b>(Continued from Previous Page)</b>							
10	2-1/2	2300	3-1/4	1-15/16	1	17-1/2	CA-R-1025-16
10	2-1/2	2300	2-3/4	1-15/16	1	17-1/2	CA-R-1025-16
10	2-1/2	2300	3-1/4	1-15/16	1-1/4	17-1/2	CA-R-1025-20
10	3	2800	3-1/4	1-15/16	1	16-3/4	CA-R-1030-16
10	3	2800	3-1/4	1-15/16	1-1/4	16-3/4	CA-R-1030-20
10	3	2800	3-1/2	1-15/16	3/4	16-1/2	CA-T-1030-12
10	4	4000	4-1/4	2-7/16	1-1/4	33	CA-R-1040-20
10	4	4000	4-1/4	2-7/16	1-1/2	33	CA-R-1040-24
10	4	6000	4-1/2	2-7/16	1	32-1/2	CA-T-1040-16
10	4	6000	4-1/2	2-7/16	1-1/4	32-1/2	CA-T-1040-20
12	2-1/2	1800	2-3/4	1-15/16	1	20-1/2	CA-R-1225-16
12	2-1/2	2300	3-1/4	1-15/16	1	20-1/2	CA-R-1225-16
12	2-1/2	2300	3-1/4	1-15/16	1-1/4	20-1/2	CA-R-1225-20
12	3	2800	3-1/4	1-15/16	1	22	CA-R-1230-16
12	3	2800	3-1/4	1-15/16	1-1/4	22	CA-R-1230-20
12	3	2800	3-1/2	1-15/16	3/4	21-3/4	CA-T-1230-12
12	3-1/2	4000	4-1/2	2-7/16	1-1/4	35-1/2	CA-R-1235-20
12	3-1/2	4000	4-1/2	2-7/16	1-1/2	35-1/2	CA-R-1235-24
12	3-1/2	4000	4-1/2	2-7/16	1	35	CA-T-1235-16
12	3-1/2	4000	4-1/2	2-7/16	1-1/4	35	CA-T-1235-20
14	4	4000	4-1/4	2-7/16	1-1/4	49-1/2	CA-R-1440-20
14	4	4000	4-1/4	2-7/16	1-1/2	49-1/2	CA-R-1440-24
16	3	4000	4-1/4	2-7/16	1-1/4	52-1/4	CA-R-1630-20
16	3	4000	4-1/4	2-7/16	1-1/2	52-1/4	CA-R-1630-24
16	4	5000	5-1/4	2-7/16	1-1/4	65-1/4	CA-R-1640-20
16	4	5000	5-1/4	2-7/16	1-1/2	65-1/4	CA-R-1640-24
18	3	4000	4-1/4	2-7/16	1-1/4	58	CA-R-1830-20
18	3	4000	4-1/4	2-7/16	2	58	CA-R-1830-24

\*R = Roller bearing, P = Precision Ball bearing, T = Tapered Roller Bearing

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
<b>LARGE BORE PREMIUM CAST IRON (CA/LB) WITH HIGH TENSILE STRENGTH 30,000 PSI</b>							
8	3	6000	3-1/4	2-7/16	1-1/4	21-3/4	CA/LB-R-0830-20
8	3	6000	3-1/4	2-7/16	1-1/2	21-3/4	CA/LB-R-0830-24
8	3	8000	3-1/2	2-7/16	1	21-1/2	CA/LB-T-0830-16
8	3	8000	3-1/2	2-7/16	1-1/4	21-1/2	CA/LB-T-0830-20

\*R = Roller bearing, P = Precision Ball bearing, T = Tapered Roller Bearing

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
<b>HEAVY DUTY PREMIUM CAST IRON (CA/HT) WITH HIGH TENSILE STRENGTH 30,000 PSI</b>							
5	2	1500	2-3/16	1-3/16	1/2	4-1/4	CA/HT-R-0520-08
5	2	1500	2-3/16	1-3/16	5/8	4-1/4	CA/HT-R-0520-10
5	2	1500	2-3/16	1-3/16	3/4	4-1/4	CA/HT-R-0520-12
6	2	1700	2-3/16	1-3/16	1/2	6-1/4	CA/HT-R-0620-08
6	2	1700	2-3/16	1-3/16	5/8	6-1/4	CA/HT-R-0620-10
6	2	1700	2-3/16	1-3/16	3/4	6-1/4	CA/HT-R-0620-12
8	2	1800	2-3/16	1-3/16	1/2	8-1/2	CA/HT-R-0820-08
8	2	1800	2-3/16	1-3/16	5/8	8-1/2	CA/HT-R-0820-10
8	2	1800	2-3/16	1-3/16	3/4	8-1/2	CA/HT-R-0820-12

\*R = Roller bearing, P = Precision Ball bearing, T = Tapered Roller Bearing

## CAST IRON / FLANGED - CA/FL & CA/FD

Capacity Up to 8000 lbs.



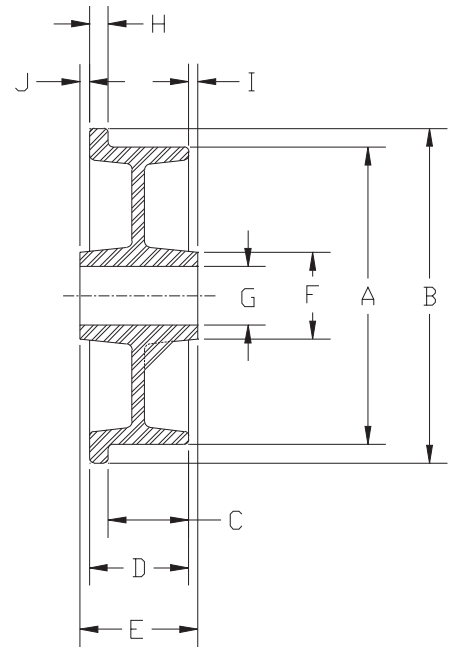
Various bore sizes available for use as plain bore wheels or to be used with keyway and set screw or with a variety of bearings. Cast iron offers 30,000 psi tensile strength.

### Features

- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult Acorn™.
- **Hardness:** Brinell 145

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory.
- For customization & special application options, please consult Acorn™



SINGLE FLANGED WHEELS (Dimensions in Inches)

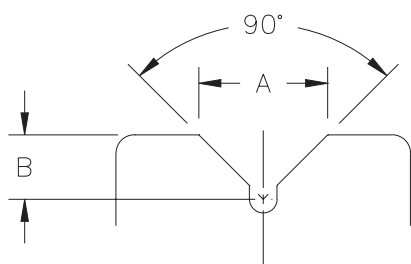
Face Dia. "A"	Flange OD "B"	Face Width "C"	OA Width "D"	Hub Length "E"	Hub OD "F"	Bore "G"	Flange Width "H"	Hub Offset "I"	Hub Offset "J"	Capacity (lbs)	Bearing ID (in)	Approx. Wt (lbs)	Part # R=Roller Brg T=Taper Brg
3	4	1	1-3/8	2-3/16	1-5/8	1-3/16	3/8	9/16	1/4	700	3/4	3	CA/FL-R-0310-12
3-1/4	4	1	1-3/8	2-3/16	1-3/4	1-3/16	3/8	19/32	7/32	700	3/4	3	CA/FL-R-3210-12
4-1/2	5-1/2	1-9/16	2-3/8	2-1/2	2-1/2	1-15/16	13/16	1/16	1/16	1500	1	9-1/2	CA/FL-R-4519-16
4-1/2	5-1/2	1-9/16	2-3/8	2-1/2	2-1/2	1-15/16	13/16	1/16	1/16	1500	3/4	9-1/2	CA/FL-T-4519-12
5	6	1-1/8	1-1/2	2-3/16	1-3/4	1-3/16	3/8	11/32	11/32	500	3/4	5-1/4	CA/FL-R-0511-12
5-3/8	6-1/8	1-5/16	1-11/16	2-3/16	1-3/4	1-3/16	3/8	13/32	3/32	900	3/4	5	CA/FL-R-5315-12
5	6	1-1/8	1-15/16	3-1/4	2-1/2	1-15/16	13/16	15/16	3/8	1000	1	6-1/2	CA/FL-R-0511-16
5	6	1-1/8	1-15/16	3-1/4	2-1/2	1-15/16	13/16	15/16	3/8	1000	3/4	6-1/2	CA/FL-T-0511-12
6	6-3/4	1-5/8	2	2-3/16	1-3/4	1-3/16	3/8	3/32	3/32	900	3/4	8-1/2	CA/FL-R-0615-12
7-1/16	8-3/4	1-3/4	2-3/16	2-3/4	3-1/4	1-15/16	7/16	9/32	9/32	1200	1	12-3/4	CA/FL-R-7117-16
7-1/16	8-3/4	1-3/4	2-3/16	2-3/4	3-1/4	1-15/16	7/16	9/32	9/32	1200	3/4	12-3/4	CA/FL-T-7117-12
8	9-1/2	2	2-1/2	3-1/4	3	1-15/16	1/2	3/8	3/8	1600	1	16-1/4	CA/FL-R-0820-16
8	9-1/2	2	2-1/2	3-1/4	3	1-15/16	1/2	3/8	3/8	1600	3/4	16-1/4	CA/FL-T-0820-12
10	12	2-3/8	3	3-1/4	3	1-15/16	5/8	1/8	1/8	2000	1	29-1/4	CA/FL-R-1023-16
10	12	2-3/8	3	3-1/4	3	1-15/16	5/8	1/8	1/8	2000	3/4	29-1/4	CA/FL-T-1023-12
14	16	3	3-5/8	4-1/4	4-1/4	2-7/16	5/8	5/16	5/16	3000	1-1/4	56	CA/FL-R-1430-20
14	16	3	3-5/8	4-1/4	4-1/4	2-7/16	5/8	5/16	5/16	3000	1	56	CA/FL-T-1430-16

DOUBLE FLANGED WHEELS (Dimensions in Inches)

Face Dia. "A"	Flange OD "B"	Face Width "C"	OA Width "D"	Hub Length "E"	Hub OD "F"	Bore "G"	Flange Width "H"	Hub Offset "I"	Hub Offset "J"	Capacity (lbs)	Bearing ID (in)	Approx. Wt (lbs)	Part # R=Roller Brg T=Taper Brg
5	6	3/4	1-1/2	2-3/16	1-3/4	1-3/16	3/8	11/32	11/32	500	3/4	6	CA/FD-R-0507-12
10	12	1-3/4	3	3-1/4	3	1-15/16	5/8	1/8	1/8	2000	1	35	CA/FD-R-1017-16
10	12	1-3/4	3	3-1/4	3	1-15/16	5/8	1/8	1/8	2000	3/4	35	CA/FD-T-1417-12

## CAST IRON / V-GROOVE - CA/VG

Capacity Up to 8000 lbs.



Wheel face and “V”-groove are machined from heavy duty cast iron. A relief groove at the base of the “V” tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but flat surfaces as well. **CA/VL wheels feature a larger bore for greater capacity.**

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

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, consult Acorn™.

Wheel Dia. (in.)	Tread Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore ID (in.)	Bearing ID (in.)	Groove Width “A”	Groove Depth “B”	Approx. Weight (lbs.)	Part # R= Roller Bearing
4	2	800	2-3/16	1-3/16	5/8	7/8	7/16	4	CA/VG-R-0420-10
4	2	800	2-3/16	1-3/16	3/4	7/8	7/16	4	CA/VG-R-0420-12
5	2	800	2-3/16	1-3/16	5/8	7/8	7/16	5	CA/VG-R-0520-10
5	2	800	2-3/16	1-3/16	3/4	7/8	7/16	5	CA/VG-R-0520-12
6	2	1000	2-3/16	1-3/16	5/8	7/8	7/16	8	CA/VG-R-0620-10
6	2	1000	2-3/16	1-3/16	3/4	7/8	7/16	8	CA/VG-R-0620-12
6	2-1/2	2500	3-1/4	1-15/16	1	7/8	7/16	11-3/4	CA/VG-R-0625-16
6	2-1/2	2500	3-1/4	1-15/16	1-1/4	7/8	7/16	11-3/4	CA/VG-R-0625-20
6	2-1/2	2500	3-1/2	1-15/16	3/4	7/8	7/16	11-1/2	CA/VG-T-0625-12
8	2-1/2	2500	3-1/4	1-15/16	1	7/8	7/16	15-1/2	CA/VG-R-0825-16
8	2-1/2	2500	3-1/4	1-15/16	1-1/4	7/8	7/16	15-1/2	CA/VG-R-0825-20
8	2-1/2	2500	3-1/2	1-15/16	3/4	7/8	7/16	15-1/2	CA/VG-T-0825-12
8	2-1/2	2500	3-1/2	1.98	1	7/8	7/16	15-1/2	CA/VG-T-0825-16
8	3	2500	3-1/4	1-15/16	1	7/8	7/16	16-3/4	CA/VG-R-0830-16
8	3	2500	3-1/4	1-15/16	1-1/4	7/8	7/16	16-3/4	CA/VG-R-0830-20
8	3	2500	3-1/2	1-15/16	3/4	7/8	7/16	16-1/2	CA/VG-T-0830-12
8	3	2500	3-1/2	1.98	1	7/8	7/16	16-1/2	CA/VG-T-0830-16
8	3	4000	3-1/4	2-7/16	1-1/4	1-3/8	11/16	17-3/4	CA/VL-R-0830-20
8	3	4000	3-1/4	2-7/16	1-1/2	1-3/8	11/16	17-3/4	CA/VL-R-0830-24
8	3	4000	3-1/2	2-7/16	1	1-3/8	11/16	17-1/4	CA/VL-T-0830-16
8	3	4000	3-1/2	2-7/16	1-1/4	1-3/8	11/16	17-1/4	CA/VL-T-0830-20
10	3	3000	3-1/4	1-15/16	1	1-3/8	11/16	27	CA/VG-R-1030-16
10	3	3000	3-1/4	1-15/16	1-1/4	1-3/8	11/16	27	CA/VG-R-1030-20
10	3	3500	3-1/2	1-15/16	3/4	1-3/8	11/16	26-3/4	CA/VG-T-1030-12
10	3	3500	3-1/2	1.98	1	1-3/8	11/16	26-3/4	CA/VG-T-1030-16

## STAINLESS STEEL - SS

Capacity Up to 20,000 lbs.



6" x 2" Stainless Steel Wheel with Precision Stainless Steel Ball Bearings and two Stainless Steel Bearing End Caps

### Features

- Type 303 stainless steel
- Non-magnetic
- Non-sparking
- Excellent corrosion resistance
- Wheels can be machined straight sided or machined to contour.
- Excellent corrosion resistance
- Slightly crowned tread face with rounded corners
- Furnished with plain bore / stainless steel bushing, stainless steel roller bearing or stainless steel precision bearing
- Stainless steel wheels can be made to your specifications or drawings

### CUSTOM STAINLESS STEEL WHEELS MADE TO SPECIFICATIONS

- V-Groove
- Flanged
- Crown Tread
- Rollers

Consult Acorn™ for more information or assistance.

Dia. (in)	Width (in)	Hub Length (in.)	Axle (in)	Approx. Wt. (lb)	Capacity (lb)	Part Number P=Prec. Brg
2	1	1	5/16	1	200	SS-P-0210-05
2-1/2	1	1	5/16	2	200	SS-P-2510-05
2-1/2	1-1/4	1-7/16	3/8	3	400	SS-P-2512-06
3	7/8	1	5/16	1	200	SS-P-0378-05
3	1-1/4	1-7/16	3/8	4	400	SS-P-0312-06
3-1/2	7/8	1-7/16	3/8	5	400	SS-P-3578-06
4	7/8	1	5/16	5	200	SS-P-0478-05
4	1-1/4	1-7/16	3/8	5	400	SS-P-0412-06
4	1-1/2	1-5/8	1/2	7	600	SS-P-0415-08
4	2	2-3/8	1/2	10	1000	SS-P-0420-08
5	7/8	1	5/16	8	200	SS-P-0578-05
5	1-1/4	1-7/16	3/8	10	400	SS-P-0512-06
5	1-1/2	1-5/8	1/2	11	600	SS-P-0515-08
5	2	2-3/8	1/2	14	1000	SS-P-0520-08
6	1-1/2	1-5/8	1/2	15	600	SS-P-0615-08
6	2	2-3/8	1/2	20	1000	SS-P-0620-08
8	1-1/2	1-5/8	1/2	27	600	SS-P-0815-08
8	2	2-3/8	1/2	36	1000	SS-P-0820-08

\* R = Roller bearing, P = Precision Ball bearing

Capacity ratings is for 2 mph

Stainless Steel Wheels provide the highest degree of sanitation. Type 303 is a non-magnetic, non-sparking material with excellent corrosion resistance. All wheels are available with SS Sealed Precision Ball Bearings, SS Bushings or SS Roller bearings. Custom sizes made to prints to fit any application.

**WHEELS SHOWN CAN BE USED IN CASTER CATEGORIES 02, 03, 04, 05, 06  
ACORN MAKES END CAPS AND BUSHINGS TO FIT BEARING ID TO AXLE**





PLASTIC WHEELS	PAGE #
Nylacron™	.21-32
Solid Elastomer	.33-37
Nylon (Glass-Filled / High-Temp)	.38-39
Kryptonite™	.40
Phenolic / Texite	.41-48
Polypropylene	.49
Retort	.50



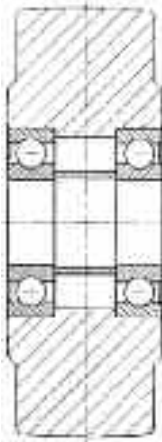
Visit our Web site for new products  
[www.acornindprod.com](http://www.acornindprod.com)



For Nylon (PEVOLON®) Wheels,  
refer to the RAEDER-VOGEL®  
Index in this section  
(Section 11: Wheels)

## NYLACRON™ WHEELS NY/MD AND NY/HSB

**Capacity** Up to 26,400 lbs.



**Nylacron™ Wheel Cross Section**  
with pre-loaded sealed precision ball  
bearings and center piece

**END CAPS PROVIDED WITH EACH  
WHEEL TO FIT IN RIG WIDTH AND SIZE  
OF THE AXLE**

**Heavy Duty Nylacron™ Wheels** are made of tough hard, highly compressed cast polyamide, MD (MoS<sub>2</sub>) filled or heat stabilized (high temp blue) to replace Steel, Phenolic, Solid Elastomer and Urethane Wheels where very high load capacities, floor protection, low rolling resistance, impact proof, corrosive resistance and floor conditions allow. The casting process increases the load capacity compared to injection-molded nylon and has better properties in regard to tension and pressure, modulus of elasticity, thermoform stability, coefficient of friction, flow properties and absorption of humidity.

### Features

- **Ergonomic:** extraordinarily easy to push - no more back aches - less power to tow.
- **wheels:** wheel dampens shock and vibration thus reducing noise.
- **High Impact Strength:** resists fracture from repeated shock loads.
- **Higher Loads:** mechanical strength supports greater weight and allows better utilization in caster rigs.
- **Higher Resilience:** wheel returns to original shape without deforming when deflected by loads or rapidly applied stresses.
- **High Caster Ratings:** higher wheel ratings allow better utilization of caster rig ratings.
- **Floor Protective:** material does not damage floors and is lighter in weight than steel.
- **Longer Life:** shows minimal wear in extended use-resists abrasion, water and many hazardous chemicals. Ideal for stainless steel rigs applications.
- **Lower Maintenance:** sealed precision bearings and minimal wheels wear greatly reduces in-plant maintenance requirements. Only one type wheel needed.
- **Hardness:** 112-120 Rockwell R
- **Temperature range:** - 30 to + 220 ° F Continuous - 30 to + 4000 ° F Continuous NY/HT (3" to 8")
- **Chemical Resistance:** See chart for wide range of chemical resistance.

### Applications

- |                   |                      |
|-------------------|----------------------|
| • Aerospace       | • Fisheries          |
| • AGV             | • Food               |
| • Amusement Rides | • Meat Processing    |
| • Automotive      | • Monorail Conveyors |
| • Bakeries        | • Pharmaceutical     |
| • Chemical Plants | • Retrieval Systems  |
| • Conveyor        | • Storage Racks      |
| • Crane           | • Towlines           |
| • Dairy           | • Turning Platforms  |

All information is based on Acorn's over 10 years experience working with the producers of the cast polyamides to successfully provide Nylacron™ wheels for the industries where the properties of this material offers many benefits.

**Nylacron Wheels can be made in any size to fit any caster rig or wheel application and replace any type wheel**

**NYLACRON™ WHEELS ARE ALSO AVAILABLE IN FLANGED / V-Groove AND CUSTOM SIZES TO 51" DIAMETER TO MEET JOB REQUIREMENTS.**

<b>Dia. (in.)</b>	<b>Width (in.)</b>	<b>Capacity (lbs.)</b>	<b>Hub Length (in.)</b>	<b>Axle Bore (in.)</b>	<b>Wheel Part Number*</b>
3	1-1/4	440	1-1/2	3/8	<b>NY/MD-P-0312-06</b>
4	1-1/4	550	1-1/2	3/8	<b>NY/MD-P-0412-06</b>
5	1-1/4	660	1-1/2	3/8	<b>NY/MD-P-0512-06</b>
6	1-1/4	770	1-1/2	3/8	<b>NY/MD-P-0612-06</b>
3	2	1000	2-3/16	1/2	<b>NY/MD-P-0320-08</b>
4	2	2000	2-3/16	1/2	<b>NY/MD-P-0420-08</b>
5	2	2000	2-3/16	1/2	<b>NY/MD-P-0520-08</b>
6	2	2000	2-3/16	1/2	<b>NY/MD-P-0620-08</b>
8	2	2400	2-3/16	1/2	<b>NY/MD-P-0820-08</b>
6	2-1/2	5000	2-3/4	1/2	<b>NY/MD-P-0625-08</b>
6	2-1/2	7200	3-1/4	3/4	<b>NY/MD-P-0625-12</b>
6	3	10,000	3-1/2	3/4	<b>NY/MD-P-0630-12</b>
8	2-1/2	7000	3	1/2	<b>NY/MD-P-0825-08</b>
8	2-1/2	7200	3-1/4	3/4	<b>NY/MD-P-0825-12</b>
8	3	10,000	3-1/2	3/4	<b>NY/MD-P-0830-12</b>
8	3	10,000	3-1/2	1	<b>NY/MD-P-0830-16</b>
8	4	10,000	4-1/2	1-1/4	<b>NY/MD-P-0840-20</b>
10	2-1/2	7200	2-3/4	1/2	<b>NY/MD-P-1025-08</b>
10	2-1/2	7200	3	3/4	<b>NY/MD-P-1025-08</b>
10	3	10,000	3-1/2	3/4	<b>NY/MD-P-1030-12</b>
10	4	12,000	4-1/2	1	<b>NY/MD-P-1040-16</b>
10	4	12,000	4-1/2	1-1/4	<b>NY/MD-P-1040-20</b>
12	2-1/2	8000	3	3/4	<b>NY/MD-P-1225-12</b>
12	3	11,000	3-1/2	3/4	<b>NY/MD-P-1230-12</b>
12	4	14,000	4-1/2	1	<b>NY/MD-P-1240-16</b>
12	4	14,000	4-1/2	1-1/4	<b>NY/MD-P-1240-20</b>
12	5	18,000	3	1-1/4	<b>NY/MD-P-1250-20</b>

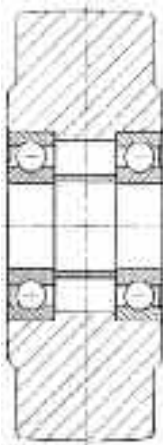
\*Change NY/MD in the Wheel Part Number to NY/HSB for High Temp

Capacities can be increased by increasing the size of the precision bearings or by providing double row precision bearings.

End Caps provided with each wheel to fit in rig width and size of the Axle

## NYLACRON™ MC (NY/MC)

**Capacity** Up to 26,400 lbs.



**Nylacron™ Wheel Cross Section**  
with pre-loaded sealed precision ball bearings and center piece

**END CAPS PROVIDED WITH EACH WHEEL TO FIT IN RIG WIDTH AND SIZE OF THE AXLE**

**Nylacron™ Monocast (NY/MC) Natural Wheels** are an unfilled cast type 6 nylon developed on proven in the field for FDA application requirements. Wheels are straight sided and precision machined on CNC equipment to exacting tolerances and comply with section 177.1500 of food additive regulations. Stainless steel precision ball bearings are available for every wheel. Other than the type material, loadings and other characteristics are similar to Nylacron™.

### Features

- **Ergonomic:** extraordinarily easy to push. No more back aches - less power to tow.
- **Quiet:** wheel dampens shock and vibration thus reducing noise.
- **High Impact Strength:** resists fracture from repeated shock loads.
- **Higher Loads:** mechanical strength supports greater weight and allows better utilization in caster rigs.
- **Higher Resilience:** wheel returns to original shape without deforming when deflected by loads or rapidly applied stresses.
- **High Caster Ratings:** higher wheel ratings allow better utilization of caster rig ratings.
- **Floor Protective:** material does not damage floors and is lighter in weight than steel.
- **Longer Life:** shows minimal wear in extended use. Resists abrasion, water and many hazardous chemicals. Ideal for stainless steel rigs applications.
- **Lower Maintenance:** sealed precision bearings and minimal wheels wear greatly reduces in-plant maintenance requirements. Only one type wheel needed.
- **Hardness:** 112-120 Rockwell R
- **Temperature range:** - 30 to + 220 ° F Continuous
- **Chemical Resistance:** See chart for wide range of chemical resistance.

### Applications

- Aerospace
- AGV
- Amusement Rides
- Automotive
- Bakeries
- Chemical Plants
- Conveyor
- Crane
- Dairy
- Fisheries
- Food
- Meat Processing
- Monorail Conveyors
- Pharmaceutical
- Retrieval Systems
- Storage Racks
- Towlines
- Turning Platforms

All information is based on Acorn's over 10 years experience working with the producers of the cast Polyamides to successfully provide Nylacron™ wheels for the industries where the properties of this material offers many benefits.

**Natural Wheels are also available in Flanged / V-Groove and custom sizes to 51 in. diameter to meet job requirements.**

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Axle Bore (in.)	Wt. (lbs.)	Wheel Part Number
3	1-1/4	440	1-1/2	3/8	1	NY/MC-P-0325-06
4	1-1/4	550	1-1/2	3/8	1.5	NY/MC-P-0425-06
5	1-1/4	660	1-1/2	3/8	2	NY/MC-P-0525-06
6	1-1/4	770	1-1/2	3/8	3	NY/MC-P-0625-06
3	2	1000	2-3/16	1/2	1.5	NY/MC-P-0320-08
4	2	2000	2-3/16	1/2	2	NY/MC-P-0420-08
5	2	2000	2-3/16	1/2	3	NY/MC-P-0520-08
6	2	2000	2-3/16	1/2	4	NY/MC-P-0620-08
8	2	2400	2-3/16	1/2	5	NY/MC-P-0820-08
6	2-1/2	5000	2-3/4	1/2	5	NY/MC-P-0625-08
6	2-1/2	7200	3-1/4	3/4	5	NY/MC-P-0625-12
6	3	10,000	3-1/2	3/4	6	NY/MC-P-0630-12
8	2-1/2	7000	3	1/2	6	NY/MC-P-0825-08
8	2-1/2	7200	3-1/4	3/4	6	NY/MC-P-0825-12
8	3	10,000	3-1/2	3/4	8	NY/MC-P-0830-12
8	3	10,000	3-1/2	1	8	NY/MC-P-0830-16
8	4	10,000	4-1/2	1-1/4	9	NY/MC-P-0840-20
10	2-1/2	7200	2-3/4	1/2	7	NY/MC-P-1025-08
10	2-1/2	7200	3	3/4	7	NY/MC-P-1025-12
10	3	10,000	3-1/2	3/4	8	NY/MC-P-1030-12
10	4	12,000	4-1/2	1	9	NY/MC-P-1040-16
10	4	12,000	4-1/2	1-1/4	9	NY/MC-P-1040-20
12	2-1/2	8000	3	3/4	8	NY/MC-P-1225-12
12	3	11,000	3-1/2	3/4	9	NY/MC-P-1230-12
12	4	14,000	4-1/2	1	10	NY/MC-P-1240-16
12	4	14,000	4-1/2	1-1/4	10	NY/MC-P-1240-20
12	5	18,000	3	1-1/4	11	NY/MC-P-1250-20

**CAPACITIES CAN BE INCREASED BY INCREASING THE SIZE OF THE PRECISION BEARINGS OR BY PROVIDING DOUBLE ROW PRECISION BEARINGS.**

**END CAPS PROVIDED WITH EACH WHEEL TO FIT IN RIG WIDTH AND SIZE OF THE AXLE**

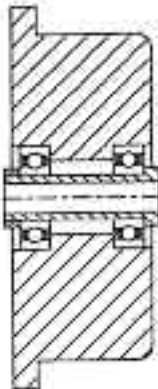
## NYLACRON™ MD / FLANGED - NY/NL & NY/ND

**Capacity** Up to 3000 lbs.

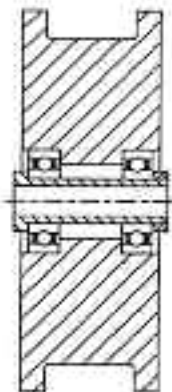


**Nylacron™ Wheel**

Available as Single Flanged or Double Flanged



( NL ) SINGLE FLANGED NYLACRON WHEEL  
Cross Sectional View



( ND ) DOUBLE FLANGED NYLACRON WHEEL  
Cross Sectional View

**Heavy Duty Nylacron™ Flanged Wheels** are straight sided and designed to operate quietly on steel track. All are precision machined on CNC equipment for concentricity and to insure proper tracking. Wheels are made of tough hard, highly compressed cast polyamide, MoS<sub>2</sub> filled, heat stabilized and designed to replace Steel, Phenolics, Solid Elastomers and Urethane Wheels in flanged applications where very high load capacities, low rolling resistance, impact proof, corrosive resistance and speed conditions allow. **Custom requirements to drawings available.**

### Features

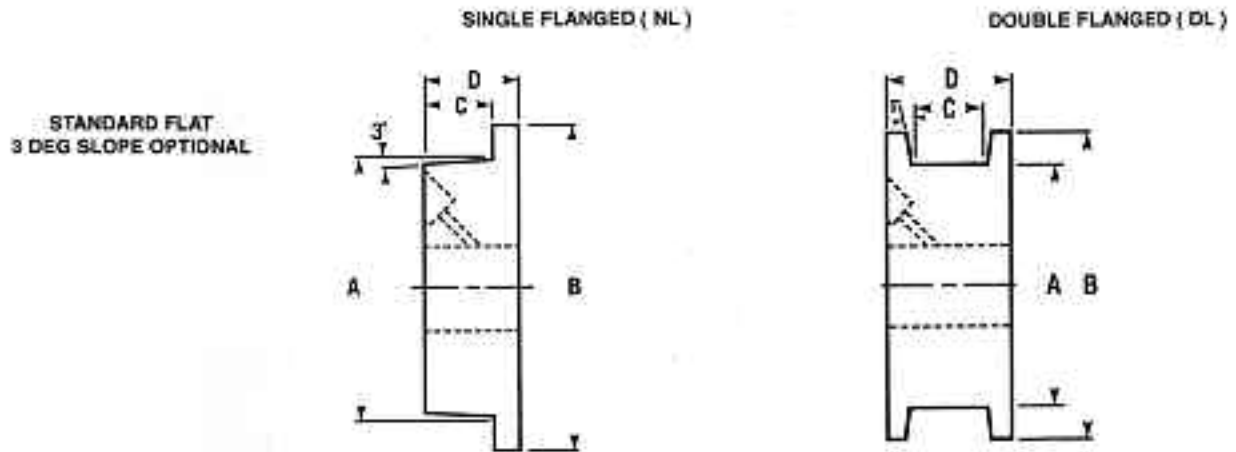
- **Ergonomic:** extraordinarily easy to push. No more back aches - less power to tow.
- **Quiet:** wheel dampens shock and vibration thus reducing noise.
- **High Impact Strength:** resists fracture from repeated shock loads.
- **Higher Loads:** mechanical strength supports greater weight and allows better utilization in caster rigs.
- **Higher Resilience:** wheel returns to original shape without deforming when deflected by loads or rapidly applied stresses.
- **High Caster Ratings:** higher wheel ratings allow better utilization of caster rig ratings.
- **Floor Protective:** material does not damage floors and is lighter in weight than steel.
- **Longer Life:** shows minimal wear in extended use-resists abrasion, water and many hazardous chemicals. Ideal for stainless steel rigs applications.
- **Lower Maintenance:** sealed precision bearings and minimal wheels wear greatly reduces in-plant maintenance requirements. Only one type wheel needed.
- **Hardness:** 112-120 Rockwell R
- **Temperature range:** - 30 to + 220 ° F Continuous
- **Chemical Resistance:** See chart for wide range of chemical resistance.

### Applications

- Food Processing
- Dairies
- Meat Processing
- Automotive,
- Turning Platforms
- Towlines
- Bakeries,
- Fisheries
- Pharmaceutical
- Aerospace
- Amusement Rides

**END CAPS PROVIDED WITH EACH WHEEL  
TO FIT IN RIG WIDTH AND SIZE OF THE AXLE**

All information is based on Acorn's over 10 years experience working with the producers of the cast Polyamides to successfully provide Nylacron™ wheels for the industries where the properties of this material offers many benefits.



Face Dia. A	Flange OD B	Flange Width C	OAW Width D	Hub Length (in)	Material Type	Load Capacity (lbs)	Axle Size (in)	Approx Weight (lbs)	Part Number (P) Prec Ball Brg (T) Tapered Brg
5"	6"	1-3/4"	2"	2-3/16"	Nylacron™	1300	1/2	3	NY/NL-P-0520-12
5"	6"	1-3/4"	2"	2-3/16"	Nylacron™	1300	1/2	3	NY/NL-T-0520-08
5"	6"	1"	1-1/2"	2-3/16"	Nylacron™	1100	1/2	3	NY/DL-P-0515-12
5"	6"	1"	1-1/2"	2-3/16"	Nylacron™	1100	1/2	3	NY/DL-T-0515-08
6"	6-3/4"	1-3/4"	2"	2-3/16"	Nylacron™	1600	1/2	4	NY/NL-P-0620-12
6"	6-3/4"	1-3/4"	2"	2-3/16"	Nylacron™	1600	1/2	4	NY/NL-T-0620-08
8"	9-1/2"	2"	2-1/2"	2-3/4"	Nylacron™	2500	3/4	7	NY/NL-P-0825-16
8"	9-1/2"	2"	2-1/2"	2-3/4"	Nylacron™	2500	3/4	7	NY/NL-T-0825-12
10"	12"	2-5/8"	3"	3-1/4"	Nylacron™	3000	3/4	8	NY/NL-P-1030-16
10"	12"	2-5/8"	3"	3-1/4"	Nylacron™	3000	3/4	8	NY/NL-T-1030-12
10"	12"	2-1/4"	3"	3-1/4"	Nylacron™	2000	3/4	8	NY/DL-P-1030-16
10"	12"	2-1/4"	3"	3-1/4"	Nylacron™	2000	3/4	8	NY/DL-T-1050-12

**CAPACITIES CAN BE INCREASED BY INCREASING THE SIZE OF THE PRECISION BEARINGS OR BY PROVIDING DOUBLE ROW PRECISION BEARINGS.**

Nylacron™ Wheels can be made to any steel or cast iron standard. See Flanged Wheel Section for dimensions.

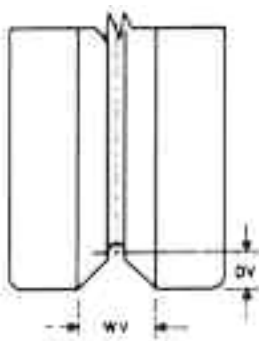
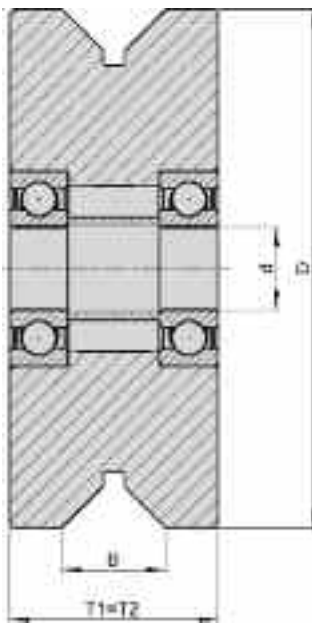
Nylacron™ Wheels are also available standard V-Groove and custom sizes to 51" diameter to meet job requirements.

## NYLACRON™ MONOCAST / V-GROOVE - NY/MC/VG

**Capacity** Up to 26,00 lbs.



**END CAPS PROVIDED WITH EACH WHEEL TO FIT IN RIG WIDTH AND SIZE OF THE AXLE**



**Nylacron™ Monocast (NY/MC/VG) V-Groove Wheels** are straight sided and designed to operate quietly on steel track. All are precision machined on CNC equipment for concentricity and to insure proper tracking. Wheels are made of tough hard, highly compressed cast polyamide, MoS<sub>2</sub> filled, heat stabilized and designed to replace Steel, Phenolics, Solid Elastomers and Urethane Wheels in V-groove applications where very high load capacities, low rolling resistance, impact proof, corrosive resistance and speed conditions allow.

**CUSTOM REQUIREMENTS TO DRAWINGS ARE AVAILABLE.**

### Features

- **Ergonomic:** extraordinarily easy to push. No more back aches - less power to tow.
- **Quiet:** wheel dampens shock and vibration thus reducing noise.
- **High Impact Strength:** resists fracture from repeated shock loads.
- **Higher Loads:** mechanical strength supports greater weight and allows better utilization in caster rigs.
- **Higher Resilience:** wheel returns to original shape without deforming when deflected by loads or rapidly applied stresses.
- **High Caster Ratings:** higher wheel ratings allow better utilization of caster rig ratings.
- **Floor Protective:** material does not damage floors and is lighter in weight than steel.
- **Longer Life:** shows minimal wear in extended use-resists abrasion, water and many hazardous chemicals. Ideal for stainless steel rigs applications.
- **Lower Maintenance:** sealed precision bearings and minimal wheel wear greatly reduces in-plant maintenance requirements. Only one type wheel needed.
- **Hardness:** 112-120 Rockwell R
- **Temperature range:** - 30 to + 220 ° F Continuous
- **Chemical Resistance:** See chart for wide range of chemical resistance.

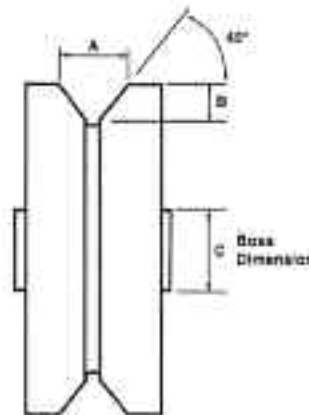
### Applications

Food, Bakeries, Dairies, Fisheries, Meat Processing, Pharmaceutical, Automotive, Aerospace, Turning Platforms, Amusement Rides, Towlines



All information is based on Acorn's over 10 years experience working with the producers of the cast Polyamides to successfully provide Nylacron™ wheels for the industries where the properties of this material offers many benefits. **CAPACITIES CAN BE INCREASED BY INCREASING THE SIZE OF THE PRECISION BEARINGS OR BY PROVIDING DOUBLE ROW PRECISION BEARINGS.**

Face Dia. A	Flange OD B	Flange Width C	OAW Width D	Hub Length (in)	Material Type	Load Capacity (lbs)	Axle Size (in)	Approx Weight (lbs)	Part Number (P) Prec Ball Brg (T) Taper Brg
4"	2"	7/8"	7/16"	2-7/16	(NV) Nylacron™	1000	1/2	2	NY/MC/VG-P-0420-12
5"	2"	7/8"	7/16"	2-7/16	(NV) Nylacron™	1300	1/2	3	NY/MC/VG-P-0520-12
6"	2"	7/8"	7/16"	2-7/16"	(NV) Nylacron™	1500	1/2	4	NY/MC/VG-P-0620-12
8"	2"	7/8"	7/16"	2-7/16"	(NV) Nylacron™	2000	1/2	6	NY/MC/VG-P-0820-12
8"	2-1/2"	7/8"	7/16"	2-3/4"	(NV) Nylacron™	2100	3/4	7	NY/MC/VG-P-0825-16
8"	2-1/2"	7/8"	7/16"	2-3/4"	(NV) Nylacron™	2100	3/4	7	NY/MC/VG-P-0825-16
10"	2-1/2"	7/8"	7/16"	2-3/4"	(NV) Nylacron™	2400	3/4	9	NY/MC/VG-P-1025-16
10"	2-1/2"	7/8"	7/16"	2-3/4"	(NV) Nylacron™	2400	3/4	9	NY/MC/VG-P-1025-12
8"	3"	1-3/8"	11/16"	3-1/2"	(NV) Nylacron™	2200	3/4	9	NY/MC/VG-P-0830-16
8"	3"	1-3/8"	11/16"	3-1/2"	(NV) Nylacron™	2200	3/4	9	NY/MC/VG-P-0830-16
10"	3"	1-3/8"	11/16"	3-1/2"	(NV) Nylacron™	2600	3/4	11	NY/MC/VG-P-1030-16
10"	3"	1-3/8"	11/16"	3-1/2"	(NV) Nylacron™	2600	3/4	11	NY/MC/VG-P-1030-12



**NYLACRON WHEELS CAN BE MADE TO ANY STEEL OR CAST IRON STANDARD  
SEE FLANGED STEEL WHEEL SECTION FOR DIMENSIONS**

WHEEL	MPH**	MPH CORRECTION FACTOR	LOAD RATING
4 X 2	0.38 *	1.00	2400
	2.00	0.82	1968
	4.00	0.63	1512
5 X 2	0.42 *	1.00	3000
	2.00	0.71	2130
	4.00	0.52	1560
6 X 2	0.61 *	1.00	3320
	2.00	0.68	2258
	4.00	0.54	1793
8 X 2	0.79*	1.00	3320
	2.00	0.75	2490
	4.00	0.64	2125
8 X 2.5	0.79*	1.00	6000
	2.00	0.89	5340
	4.00	0.76	4560
10 X 2.5	0.98*	1.00	7140
	2.00	0.82	5855
	4.00	0.65	4641
6 X 3	0.61*	1.00	5400
	2.00	1.00	5400
	4.00	1.00	5400
8 X 3	0.79*	1.00	7200
	2.00	1.00	7200
	4.00	1.00	7200
10 X 3	0.98*	1.00	9000
	2.00	1.00	9000
	4.00	1.00	9000

\* MPH @ 33-1/3 RPM

\*\* All speeds in chart are under 500 RPM

MPH = RPM x Wheel Circumference (FT) x 60 Min/Hour x Mile / 5280

**EXAMPLE:**

Find MPH for 4 X 2 wheel going 33.33 RPM:

MPH = 33.33 REV/MIN x 1.04 FT/REV x 60 Min/Hour x Mile / 5280 FT = .38 MPH

## Applications


Food, Bakeries, Dairies, Fisheries, Meat Processing, Pharmaceutical, Automotive, Aerospace, Turning Platforms, Amusement Rides, Towlines

The following chemicals are considered compatible with Nylacron wheels. This is a general guide only, since there are many other chemicals compatible with these wheels. Field testing is recommended to confirm these recommendations.

**Call Acorn (Toll Free) for any specific Chemical Resistance Data**

<b>Acetic acid</b>	<b>Ethyl alcohol</b>	<b>Petrol</b>
<b>Acetone</b>	<b>Ether</b>	<b>Petroleum</b>
<b>Amyl acetate</b>	<b>Fish glue</b>	<b>Sea water</b>
<b>Ammonia</b>	<b>Freon</b>	<b>Silicone oil/grease</b>
<b>Ammonia chloride</b>	<b>Gasoline</b>	<b>Sodium chloride solutions</b>
<b>Ammonia sulfate</b>	<b>Glycerine</b>	<b>Soy Bean oil</b>
<b>Beer</b>	<b>Glycol</b>	<b>Tolulene</b>
<b>Benzene</b>	<b>hexane</b>	<b>Toluol</b>
<b>Boric acid</b>	<b>Hydrogen sulfide</b>	<b>Trichloroehylene</b>
<b>Butyric acid</b>	<b>Hydrochloric acid</b>	<b>Turpentine</b>
<b>Butane</b>	<b>Isopropyl alcohol</b>	<b>Urea</b>
<b>Calcium chloride solutions</b>	<b>Jet fuels</b>	<b>Vaseline</b>
<b>Carbon dioxide</b>	<b>Linseed oil</b>	<b>Vegetable oils</b>
<b>Carbon disulphide</b>	<b>Lubricating oils</b>	<b>Vinyl chloride</b>
<b>Carbon monoxide</b>	<b>Lye</b>	<b>Water</b>
<b>Carbon tetrachloride</b>	<b>Mercury</b>	<b>Wax molten</b>
<b>Citric acid solutions</b>	<b>Methyl chloride</b>	<b>White spirit</b>
<b>Copper sulphate solutions</b>	<b>Methyl ethyl ketone</b>	<b>Wines &amp; spirits</b>
<b>Diesel oil</b>	<b>Milk</b>	<b>Xylene</b>
<b>Edible oils</b>	<b>Mineral oil</b>	<b>Zinc chloride solutions</b>
<b>Esters</b>	<b>Motor oil</b>	
<b>Ethanol</b>	<b>Olive oil</b>	

# Nylacron™ (Nylamid®)

Name		DIN 7728 <sup>(10)</sup> (abbreviated)	Material	Condition of Sample	Mechanical Properties																	
Nylamid 320	PA 6 G	PA 6 G	Cast Polyamide, hard	dry normal	Density	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Nylamid 324/327	PA 6 G + MoS <sub>2</sub> + H	PA 6 G + MoS <sub>2</sub> -filled heat stabilized	Cast Polyamide, hard, MoS <sub>2</sub> -filled heat stabilized	dry normal	Tensile Strength	100 80	<15	3700 2800	3800 3000	150 70	no break	>2.5 >12	175 150	>12 >6	>18 >10	120	210	0.04... 0.08	0.35	0.10		
Nylamid 1200	PA 12 G	PA 12 G	Cast Polyamide, Type 12	dry	Tensile Strength	110 80	<15	3700 2800	3800 3000	150 70	no break	>2.5 >12	175 150	>12 >6	>18 >10	120	210	0.04... 0.08	0.35	0.10		
					ISO R 1183	ISO-DIS 527	ISO-DIS 527	DIN 53457	DIN 53457	DIN 53452	DIN 53453	DIN 180-1A	ISO 2039 partially	DIN 53444	DIN 53444	ISO R 75	ISO R 75	ISO R 75	ISO R 75	ISO R 75	ISO R 75	ISO 604
 <ul style="list-style-type: none"> <li>• 520 Hertzog Boulevard • King of Prussia, PA 19406 •</li> <li>• Phone: 800-523-5474 • Fax: 800-782-6780 •</li> <li>• e-mail: acorn@acornindprod.com •</li> <li>• web: http://www.acornindprod.com •</li> </ul>					<p>6) Stress leading to 1 - 2% stretching after 1000h            7) appr. at 20 - 100°C            8) ISO 180-1 valid for the materials of the lines 3-13; all other materials acc. to DIN 43553            9) DIN 53473 valid for the materials of the lines 1-18; all other materials acc. to DIN 53472</p> <p>10) G, H, Oil, MoS<sub>2</sub>, RIM, 7735 and 7708 are not abbreviations acc.to DIN 7728            11) acc. to EN 64            12) acc. to EN 63            13) at 1 kHz</p>																	

All information is based on our latest knowledge and experience. It is intended to provide information about our products and possible applications. It is not intended to guarantee specific product properties or applications. Any patents are to be taken into consideration.

# Nylacron™ (Nylamid®)

Name	Electric Properties						Thermal Properties								Moisture Absorption		Application
	Dialectric Figure	Dialectric Loss	Dialectric Strength	Penetration Resistance	Surface Resistance	Crepage/leakage Resistance	Melting point	Thermal Conductivity	Specific Heat	Coefficient of Linear Expansion (7)	Thermal Expansion per 10°C	Safe Temperature Range short periods (5)	Safe Temperature Range, permanent (5)	Moisture Absorption under normal air condition (9)	Absorption when immersed in water at 20°C		
Nylamid 320	3.7	0.03	50 20	10 <sup>15</sup> 10 <sup>12</sup>	10 <sup>12</sup> 10 <sup>10</sup>	KA3c KA3b	220	0.25	1.67	70-80	0.1	-40 120	2.2	7	Heavy-Duty Wheels		
Nylamid 324/327	3.7	0.03	50 20	10 <sup>15</sup> 10 <sup>12</sup>	10 <sup>12</sup> 10 <sup>10</sup>	KA3c KA3b	220	.25	1.67	70-80	0.1	-40 120	2.2	7	Heavy-Duty Wheels, running speed up to 3 m/sec.		
Nylamid 1200	3.5	0.04	35	10 <sup>14</sup>	10 <sup>12</sup>	KA3b	190	0.25	2.5	80-100	150	-40 120	0.9	1.4	sprockets, chain-wheels, pulleys, wheels, slide and seal rings, curve disks, etc.		
Method of Testing	DIN 53483	DIN 53483	DIN 53481	DIN 53482	DIN 53482	DIN 53480	ISO R 1218	DIN 52612		DIN 53752			DIN 53472	ISO R 62			

1) tested with V-notch  
 2) Against hardened Steel 2162 Rough Depth Rvst=2µm;  
 Surface pressure p=0.05 N/mm<sup>2</sup>, v=0.6 m/s, t=40° C at running height  
 3) measured with swinging hammer 0.1 DIN 51222  
 4) Hc30  
 5) Practice values short term - several hours; long term - months to years  
 6) Stress leading to 1 - 2% stretching after 1000h  
 7) appr. at 20 - 100°C  
 8) ISO 180-1 valid for the materials of the lines 3-13;  
 all other materials acc. to DIN 43553  
 9) DIN 53473 valid for the materials of the lines 1-18; all other materials acc. to DIN 53472  
 10) G, H, Oil, MoS2, RIM, 7735 and 7708 are not abbreviations acc. to DIN 7728  
 11) acc. to EN 64  
 12) acc. to EN 63  
 13) at 1 kHz

All information is based on our latest knowledge and experience. It is intended to provide information about our products and possible applications. It is not intended to guarantee specific product properties or applications. Any patents are to be taken into consideration.

**SE Solid Elastomer Wheels** have a cast blend of elastomers and other constituents to produce a better wheel than similar injected molded Solid Elastomer Wheels. They are machined straight sided and provided with Dual Sealed 6204 bearings for higher load capacities and better rollability. They are superior in performance than conventional urethane, hard rubber and phenolic wheels. They are excellent in wet environments, but do not have the load capacities of NYLACRON.

## FEATURES

- **Ergonomic:** extraordinarily easy to push. No more back aches. Less power to tow. Excellent in tow line applications.
- **Shock Absorbing and Extremely Quiet:** wheel dampens shock and vibration thus reducing noise.
- **Straight Sided:** maximum strength shock loads.
- **High Loads:** Increased Core thickness supports greater weight and allows better utilization of caster rigs.
- **Higher Resilience:** wheel returns to original shape without deforming when deflected by loads or rapidly applied stresses.
- **High Caster Ratings:** much higher wheel ratings than injection molded style Solid Elastomer wheels.
- **Floor Protective:** material does not damage floors and is non-marking.
- **Longer Life:** Shows minimal wear in extended use. Resists abrasion, water and many hazardous chemicals. Ideal for stainless steel rig applications.
- **Lower Maintenance:** sealed precision bearings and minimal wheel wear greatly reduces in-plant maintenance requirements. Available with sealed Stainless Steel Precision Ball bearings
- **Hardness:** 55 +/- 1 Shore D
- **Temperature range:** - 40 to +230 ° F
- **Chemical Resistance:** resistant to wide range of
- **Sealed Precision Ball Bearings** with end caps and center piece to fit in rig hub lengths. 2-1/2", 3" or other. Available with sealed Stainless Steel Precision Ball bearings, end caps and center piece.

## OPTIONS

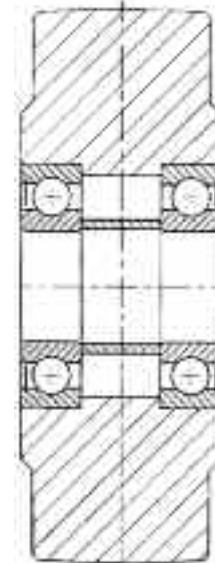
- **Green or Yellow** Anti static wheels, change SE to SE/AS/GR (Green) or SE/AS/YE (Yellow)

## APPLICATIONS

Food, Bakeries, Dairies, Fisheries, Meat Processing, Pharmaceutical



**(SE) Solid Elastomer Wheel**  
with pre-loaded sealed precision ball bearings



**Solid Elastomer Wheel (SE) Cross Section**  
with pre-loaded sealed precision ball bearings  
and center piece

**END CAPS PROVIDED WITH EACH WHEEL  
TO FIT IN RIG WIDTH AND SIZE OF THE AXLE**

Wheel Dia. (in.)	Tread Width (in.)	Load Capacity (lbs.) **	Hub Length (in.)	Axle Dia (in.)	Bearing ID (in.)	Approx. Weight (lbs)	Part Number*
3	1-1/4	325	1-1/2	3/8	3/8	1	SE-P-0312-08
3-1/2	1-1/4	325	1-1/2	3/8	3/8	1-1/2	SE-P-3512-08
4	1-1/4	600	1-1/2	3/8	3/8	2	SE-P-0412-08
5	1-1/4	700	1-1/2	3/8	3/8	2-1/2	SE-P-0512-08
3	2	900	2-3/16	1-3/16	1/2	2	SE-P-0420-12
4	2	1000	2-3/16	1-3/16	1/2	3	SE-P-0420-10
5	2	1000	2-3/16	1-3/16	1/2	4	SE-P-0520-12
6	2	1200	2-3/16	1-3/16	1/2	5	SE-P-0620-10
8	2	1500	2-3/16	1-3/16	1/2	6	SE-P-0820-12
5	2-1/2	1350	3-1/4	1-15/16	3/4	5	SE-P-0525-12
6	2-1/2	1500	3-1/4	1-15/16	3/4	6	SE-P-0625-12
8	2-1/2	1650	3-1/4	1-15/16	3/4	7	SE-P-0825-12
10	2-1/2	1800	3-1/4	1-15/16	3/4	8	SE-P-1025-12
12	2-1/2	2000	3-1/4	1-15/16	3/4	9	SE-P-1225-12

\*P = PRECISION BALL BEARINGS WITH END CAPS (AVAILABLE WITH STAINLESS STEEL PRECISION BEARINGS AND STAINLESS STEEL END CAPS)

\*\* = MANUAL LOAD RATINGS

## CHEMICAL RESISTANCE GUIDE

This table lists a broad range of fluids and chemicals which are considered compatible with SE/SS wheel. Ratings are at 72° F unless specified otherwise. Concentrations of aqueous solutions are saturated, except where noted. Note especially that this data is based on laboratory tests and may vary in practice. Field testing is recommended to confirm these recommendations. Only those chemicals that have little or no effect on the SE wheel are listed here. Other fluids may have a very minor or major effect. For information on the compatibility of other fluids, contact engineering.

<b>Acetic acid 20%</b>	<b>n-Hexane</b>	<b>Methyl alcohol</b>
<b>Acetic acid 30%</b>	<b>Hydrogen</b>	<b>Methyl ethyl ketone</b>
<b>Acetic acid, glacial</b>	<b>Hydrogen sulfide</b>	<b>Mineral oil</b>
<b>Acetylene</b>	<b>Iso-Octane</b>	<b>Naphtha</b>
<b>Ammonium chloride solutions</b>	<b>Calcium chloride solutions</b>	<b>Oleic acid</b>
<b>Ammonium sulfate solutions</b>	<b>Calcium hypochlorite, 5%</b>	<b>Palmitic acid</b>
<b>Amyl acetate</b>	<b>Carbon dioxide</b>	<b>Potassium hydroxide, dil. solutions</b>
<b>ASTM oil 1 (300°F)</b>	<b>Carbon monoxide</b>	<b>Pydraul 312C</b>
<b>ASTM oil 3 (300°F)</b>	<b>Citric acid solutions</b>	<b>SAE #10 oil</b>
<b>ASTM reference fuel A (158°F)</b>	<b>Copper chloride solutions</b>	<b>Sea water</b>
<b>ASTM reference fuel B (158°F)</b>	<b>Copper sulfate solutions</b>	<b>Silicone grease</b>
<b>ASTM reference fuel C</b>	<b>Cyclohexane</b>	<b>SKYDROL 500</b>
<b>Beer</b>	<b>Dibutyl phthalate</b>	<b>Soap solutions</b>
<b>Borax solutions</b>	<b>Diethyl sebacate</b>	<b>Sodium chloride solutions</b>
<b>Boric acid solutions</b>	<b>Diethyl phthalate</b>	<b>Sodium hydroxide, 20%</b>
<b>Butane</b>	<b>Ethyl alcohol</b>	<b>Sodium hypochlorite, 5%</b>
<b>FREON*-11</b>	<b>Ethylene glycol</b>	<b>Sulfuric acid, up to 5%</b>
<b>FREON-12</b>	<b>Ethylene oxide</b>	<b>Tannic acid, 10%</b>
<b>FREON-113</b>	<b>Isopropyl alcohol</b>	<b>Trisodium phosphate solutions</b>
<b>FREON-113 (130°F)</b>	<b>JP-4 (100°F)</b>	<b>Water (158°F)</b>
<b>FREON-114</b>	<b>Lubricating oils</b>	<b>Xylene</b>
<b>Gasoline</b>	<b>Mercury</b>	<b>Zinc chloride solutions</b>
<b>Glue</b>		
<b>Glycerin</b>		



## PLASTICS

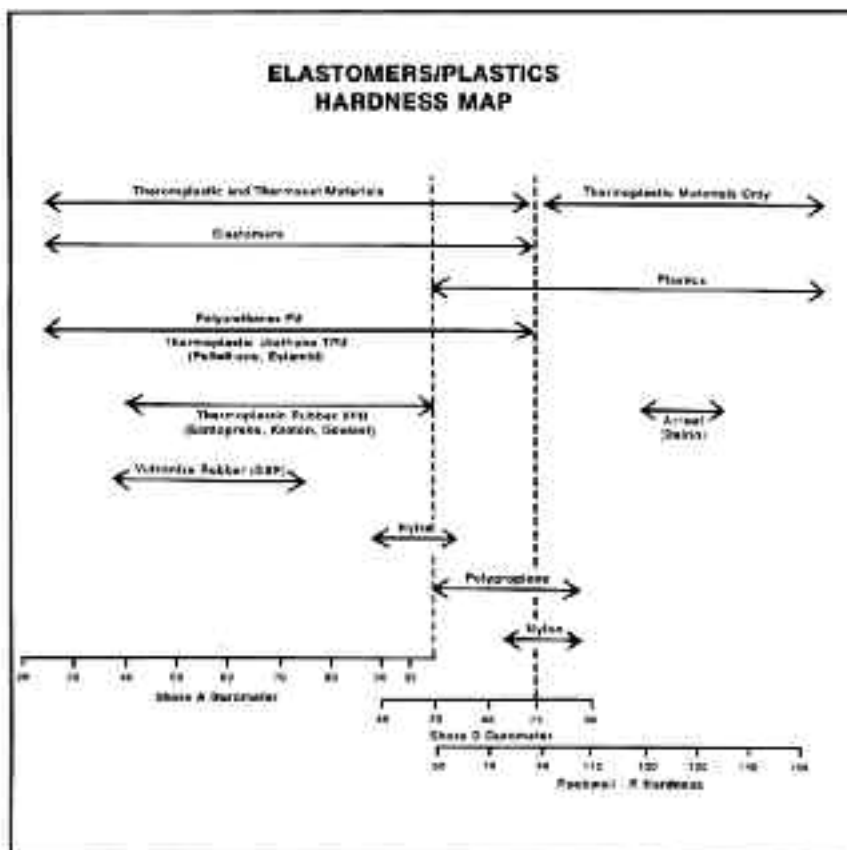
The world of elastomers and plastics has become a very interesting topic with new terms appearing every day. The information in this article is intended to assist in the development of a common language and understanding associated with this topic. Although this information is elementary, we believe you will find it to be useful. In addition, this material will serve as the beginning of a series of articles in this topic area.

In order to build a foundation, we will cover some important terms. **Elastomers** are highly stretchable materials, like rubber. **Plastics**, on the other hand, tend to be more rigid in construction. There is an overlap area related to the hardness characteristic of these materials. The accompanying chart displays the hardness ranges of these general categories, some more specific categories and some brand names encountered from time to time. The hardness overlap area between elastomers and plastics is in the 55 to 75 Shore D durometer range.

**Thermoplastic materials** tend to be composed of one element. These materials can be heated and reshaped a number of times.

**Thermoset materials**, on the other hand, usually involve a combination of components. When these components are mixed, heat is usually generated by the chemical reaction. After the combined materials are shaped, they cannot be reshaped.

**Urethanes** are elastomers which are available in both thermoset and thermoplastic materials. The term TPU refers to a thermoplastic urethane. There are many brand names in the urethane family, e.g. pellethane, estamid, etc. The term PU refers to a thermosetting polyurethane.



**Vulcanized rubber** is a thermosetting material as well as a SBR (styrenebutadiene rubber). TPR is a thermoplastic material involving many brand names, e.g. Santoprene, Kraton, Geolast, etc.

**Hytre** is a thermoplastic material which, like urethane, is an elastomer. Hytre is at the harder end of the range of hardness available with elastomers.

**Polypropylene** is a thermoplastic material which possesses characteristics of both elastomers and plastics. **Nylon** is a thermoplastic material which has primarily the properties of plastics.

The accompanying chart should help you keep the hardness properties of these materials in focus.

## EXTREME SOLID ELASTOMER - EX/SE

**Capacity Up to 1000 lbs.**



### Features

Heavy duty version of XI wheel.

- **Hardness:** 75 Shore D
- **Wheel Face:** Moderate crown
- **Finish:** XI Green
- **Temperature Range:** up to +200°F
- **For customization & special application options, please consult Acorn™.**

Dia. (in.)	Width (in.)	Cap. (lbs.)	Hub Length (in.)	Bore (in.)	Brg ID (in.)	Wt. (lbs.)	Part Number*
4	2	1000	2-3/16	1-3/16	3/4	1-1/2	EX/SE-00-0420-12
4	2	1000	2-3/16	1-3/16	3/4	1-1/2	EX/SE-R-0420-12
4	2	1000	2-7/16	-	1/2	1	EX/SE-P-0420-08
5	2	1000	2-3/16	1-3/16	3/4	1-1/2	EX/SE-00-0520-12
5	2	1000	2-3/16	1-3/16	3/4	1-1/2	EX/SE-R-0520-12
5	2	1000	2-7/16	-	1/2	1-1/2	EX/SE-P-0520-08
6	2	1000	2-3/16	1-3/16	3/4	1-3/4	EX/SE-00-0620-12
6	2	1000	2-3/16	1-3/16	3/4	1-3/4	EX/SE-R-0620-12
6	2	1000	2-7/16	-	1/2	1-3/4	EX/SE-P-0620-08
8	2	1000	2-3/16	1-3/16	3/4	4	EX/SE-00-0820-12
8	2	1000	2-3/16	1-3/16	3/4	4	EX/SE-R-0820-12
8	2	1000	2-7/16	-	1/2	4	EX/SE-P-0820-08

\*Available with Stainless Steel bearings.

\*00 = Bore size only with no Bering; P = Precision Ball Bearing; R = Roller Bearing

Designed specifically for high capacity manual applications involving chemicals, solvents or water. X-tremely low rolling resistance provides the ergonomic qualities you demand. One-piece construction affords freedom from tread separation with an exceptionally long life. Non-marking, floor protective tread.

## EXTREME PLUS SOLID ELASTOMER - EXP/SE

**Capacity Up to 2500 lbs.**



### Features

- **Hardness:** 60 Shore D
- Premium Polyurethane
- Excellent for towing applications
- **Wheel Face:** Moderate crown
- **Finish:** XP Gray
- **Temperature Range:** up to +250°F
- **For customization & special application options, please consult Acorn™.**

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing ID (in.)	Wt. (lbs.)	Part Number*
4	2	1400	2-3/16	1-3/16	3/4	1	EXP/SE-00-0420-08
4	2	1400	2-3/16	1-3/16	3/4	1	EXP/SE-R-0420-08
4	2	1400	2-7/16	1-9/16	1/2	1	EXP/SE-P-0420-08
5	2	1200	2-3/16	1-3/16	3/4	1-1/2	EXP/SE-00-0520-08
5	2	1200	2-3/16	1-3/16	3/4	1-1/2	EXP/SE-R-0520-08
5	2	1200	2-7/16	1-9/16	1/2	1-1/2	EXP/SE-P-0520-08
6	2	1400	2-3/16	1-3/16	3/4	1-3/4	EXP/SE-00-0620-08
6	2	1400	2-3/16	1-3/16	3/4	1-3/4	EXP/SE-R-0620-08
6	2	1700	2-7/16	1-9/16	1/2	1-3/4	EXP/SE-P-0620-08
6	3	1700	3-1/2	2-7/16	3/4	5	EXP/SE-P-0630-12
8	2	1200	2-3/16	1-3/16	3/4	4	EXP/SE-00-0820-08
8	2	1200	2-3/16	1-3/16	3/4	4	EXP/SE-R-0820-08
8	2	1200	2-7/16	1-9/16	1/2	4	EXP/SE-P-0820-08
8	2-1/2	2000	3-1/2	2-7/16	3/4	5	EXP/SE-P-0825-16
8	3	2000	3-1/2	2-7/16	3/4	6	EXP/SE-P-0830-16
10	2-1/2	2500	3-1/2	2-7/16	3/4	7	EXP/SE-P-1025-16
10	3	2500	3-1/2	2-7/16	3/4	8	EXP/SE-P-1030-16

\*Available with Stainless Steel bearings.

\*00 = Bore size only with no Bering; P = Precision Ball Bearing; R = Roller Bearing

## NYLON / GLASS-FILLED NN/GF

Capacity Up to 7200 lbs.



### Features

- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -40° to +250°F
- **Hardness:** 85 Shore D ±5
- **Won't absorb moisture!**

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.

## NYLON / GLASS-FILLED / NOISE REDUCTION NN/GF/NR

Capacity Up to 1500 lbs.



Similar to Maxim NG wheels, but with the added benefit of two rubber treads on the wheel edges to reduce noise and improve traction even under heavy loads. Not recommended for towing applications above 3mph. Temperature range is -40 degrees to +180 degrees Fahrenheit.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
3-1/4	2	700	2-3/16	1-3/16	1/2	1	NN/GF-P-3220-08
4	2	800	2-3/16	1-3/16	1/2	1	NN/GF-P-0420-08
5	2	1000	2-3/16	1-3/16	1/2	1	NN/GF-P-0520-08
6	2	1200	2-3/16	1-3/16	1/2	1-1/8	NN/GF-P-0620-08
8	2	1400	2-3/16	1-3/16	1/2	1-3/8	NN/GF-P-0820-08
10	2-1/2	1500	2-3/4	1-3/16	1/2	1-1/2	NN/GF-P-1025-08

\*Available with Stainless Steel bearings

\*R = Roller bearing, P = Precision Ball bearing, T = Tapered Roller Bearing

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
3-1/4	2	700	2-3/16	1-3/16	1/2	1	NN/GF/NR-P-3220-08
4	2	800	2-3/16	1-3/16	1/2	1	NN/GF/NR-P-0420-08
5	2	1000	2-3/16	1-3/16	1/2	1	NN/GF/NR-P-0520-08
6	2	1200	2-3/16	1-3/16	1/2	1-1/8	NN/GF/NR-P-0620-08
8	2	1400	2-3/16	1-3/16	1/2	1-3/8	NN/GF/NR-P-0820-08
10	2-1/2	1500	2-3/4	1-3/16	1/2	1-1/2	NN/GF/NR-P-1025-08

\*Available with Stainless Steel bearings.

\*R = Roller bearing, P = Precision Ball bearing, T = Tapered Roller Bearing

## NYLON / GLASS-FILLED / HIGH-TEMP HEATEATER - HE

Capacity Up to 7200 lbs.



### Features

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** Up to 550°F, 475°F intermittent consult Acorn™
- **Hardness:** 85 Shore D ±5
- For stainless steel roller bearing specify **ZB03**

### Wheel Options

#### • Note:

Select bearings featured are recommended for standard applications.

For special applications or alternate bearings please consult Acorn™ .

For customization & special application options, please consult Acorn™

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number P=Prec. Brg
3	1-3/8	600	1-1/2	1/2	1/2	1/2	<b>HE-P-0313-08</b>
3-1/2	1-3/8	700	1-1/2	1/2	1/2	3/8	<b>HE-P-3513-08</b>
4	1-3/8	700	1-1/2	1/2	1/2	1/2	<b>HE-P-0413-08</b>
4	1-1/2	700	1-5/8	1-3/16	3/4	3/4	<b>HE-P-0415-08</b>
4	2	800	2-3/16	1-3/16	3/4	1	<b>HE-P-0420-08</b>
5	1-3/8	800	1-1/2	1/2	1/2	1	<b>HE-P-0513-08</b>
5	1-1/2	800	1-5/8	1-3/16	3/4	1	<b>HE-P-0515-08</b>
5	2	1000	2-3/16	1-3/16	3/4	1-1/2	<b>HE-P-0520-08</b>
6	1-1/2	800	1-5/8	1-3/16	3/4	1-1/4	<b>HE-P-0615-08</b>
6	2	1200	2-3/16	1-3/16	3/4	1-1/2	<b>HE-P-0620-08</b>
8	1-1/2	1200	1-5/8	1-3/16	3/4	1-1/2	<b>HE-P-0815-08</b>
8	2	1400	2-3/16	1-3/16	3/4	1-1/2	<b>HE-P-0820-08</b>

\*Available with Stainless Steel bearings.

Ideal for speciality applications, these wheels can withstand intermittent temperatures up to 550 degrees Fahrenheit. Nylon Glass-filled wheels won't chip, absorb water, or breakdown in caustic environments.

## SOLID POLYETHER POLYURETHANE KRYPTONIC™ - KR, KR/HT, KR/ULHT\*

An excellent problem solver to prevent tire separation in washdown environments where food, dirt and / or other particles can create unsanitary and unsatisfactory conditions and steam cleaning and cleanliness is a must. Meets FDA requirements and stands up to refrigeration and steam cleaning.

**KR/HT = Kryptonite High Temp (Gray Wheels)**

### FEATURES

- **Capacity:** Polyether Polyurethane has excellent carrying capacity - loads to 1500 lbs.
- **Noise Level:** Crown shape affords an easy-rolling, quiet operation. Quieter than phenolics, polyolefin, nylon and other polyurethanes.
- **Floor Protective:** Non-marking tread with no separation problems.
- **Resiliency:** The Polyether Polyurethane tread cushions the load and rolls over obstructions easier. Rebounds up to 80% compared to 35% for typical polyester polyurethane. No flat spotting under suggested load and temperature conditions.
- **Abrasion Resistance:** Greater service life and resistance to chunking, cutting and abrasive wear. Tests indicate that 10 months on rough concrete will wear less than 0.050" compared to 1.0" for macerated canvas phenolic.
- **Chemical resistance:** Polyether Polyurethane is completely washable ( Steam Cleanable ) and resistant to most chemicals. Suitable for use in all environments with the exception of continuous exposure to strong acids, strong bases, aromatic hydrocarbons, chlorinated solvents.
- **Concentrated Load:** 4000 lbs applied on the running surface with a 1" dia. indenter to simulate a round obstacle on a work floor produced no permanent deformation.

### For Wet Applications:

Stainless steel sealed precision bearings are recommended along with stainless steel rigs.

- Solid one-piece design
- Unbreakable & Steam Cleanable
- Ratings to 800 lbs.



(KR) Blue Kryptonite™  
Wheel w/ Precision  
Ball Bearing



(KR/HT) Gray Kryptonite™  
Wheel w/ Precision  
Ball Bearing



(KR/ULHT) Black Kryptonite™  
Wheel w/ Precision  
Ball Bearing

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bearing ID (in.)	Wt. (lbs.)	Part Number*
3	1-1/4	300	1-9/16	1/2	1	KR-P-0312-08
4	1-1/4	300	1-9/16	1/2	1-1/2	KR-P-0412-08
5	1-1/4	300	1-9/16	1/2	2	KR-P-0512-08
4	2	500	2-7/16	1/2	2	KR-P-0420-08
5	2	600	2-7/16	1/2	2-1/2	KR-P-0520-08
6	2	700	2-7/16	1/2	3	KR-P-0620-08
8	2	800	2-7/16	1/2	4	KR-P-0820-08

\*P= Precision Ball Bearing (Available in Stainless Steel)

\*R= Roller Bearing (Available in Stainless Steel)

For Kryptonite™ High Temp, change "KR" to "KR/HT" in the part number.

For Kryptonite™ Ultra High Temp, change "KR" to "KR/UL/HT" in the part number.

END CAPS ARE PROVIDED WITH EACH WHEEL TO FIT AXLE SIZE.

### (KR) (BLUE) KRYPTONIC™ WHEEL

- **Average Hardness:** 58 SHORE D Durometer
- **Tensile Strength:** 4000 psi
- **Temperature Range:** Up to 250 ° F (1/2 hour)
- **Tread Coloration:** (KR) Blue Wheels

### (KR/HT) HIGH TEMP (GRAY) KRYPTONIC™ WHEEL

- **Average Hardness:** 60 SHORE D Durometer
- **Tensile Strength:** 4145 psi
- **Temperature Range:** Up to 250 ° F (5-6 hours)
- **Tread Coloration:** (KR/HT) Gray Wheels

### (KR/ULHT) ULTRA HIGH TEMP (BLACK) KRYPTONIC™ WHEEL

- **Average Hardness:** 60 SHORE D Durometer
- **Tensile Strength:** 4600 psi
- **Temperature Range:** Up to 270 ° F (5-6 hours)
- **Tread Coloration:** (KR/UL/HT) Black Wheels

### Applications

Canneries, Cheese Factories, Meat Packing Plants, Food Processing, Slaughter Houses, Fish Plants, Laboratory Research

Wheels are molded of heavy macerated or chopped canvas, impregnated with phenolic resin and accurately formed in close fitting molds under high pressure and temperature. **Acorn™ has Nylacron™ a wheel with precision bearings (standard or stainless steel) to replace any Phenolic or Texite wheel.**

**FEATURES:**

**FLOOR PROTECTIVE:** Non-marking.

**EXCELLENT LOAD CARRYING** Characteristics.

**HIGHLY SHOCK RESISTANT.**

**RESISTANT:** to water, grease, oil, animal fats, most acids and alkali solutions.

**USABLE TEMPERATURE RANGE:** Continuous operating temperatures from -65 deg. F. to +250 deg. F. and intermittent duty to 300 deg. F. See special purpose Texite wheels for temperatures exceeding these limits.

**SEALS:** All wheels that have 1-3/16" bore and either a 1-5/8" or 2-3/16" hub length equipped with 3/4" straight roller bearings have as a standard feature nylon seal retaining/thrust washers which add 3/16" to hub length and are supplied with 1/2" I.D. hardened spanner bushing.

**OPTIONAL FEATURES AVAILABLE:**

Most sizes of straight roller or tapered roller bearings can be furnished with seals. Material can be machined to custom configurations for your special application.

**LUBRICATION**

All wheels with 1-5/8" and 2-3/16" hub length are nominally lubricated through hollow axle. These wheels can be fitted with zerk fittings where specified. The following wheels must be lubricated through hollow axle or be supplied with prelubricated sealed bearings:

All 3", 3-1/4", 3-1/2", 4", 5" x (1-1/4" and 1-1/2"), 6" x 5", 8" x 6", 10" x 6", 12" x 4", as well as TH wheels.



TM-06501-16



TM-12501-16



**SPECIAL PURPOSE TEXITE WHEELS**

**Straight Sided - Heavier Dub (Prefix TH)** These wheels are molded with standard compound.

**Laminated Tread Wheels (Prefix TL)** These wheels have continuously wound tread with macerated center. Highly resistant to chipping or fraying. Resistance to shock or impact is approximately 35% greater than macerated tread wheels.

**Sanitary Texite (Prefix TS)** For wheels meeting the food industry sanitation code.

**Heat Resistant (Prefix TR)** Continuous operation to a maximum of 475 deg. F. and intermittent to 525 deg. F. For capacity rating, consult factory with specifics of application.

When it comes to phenolic resin wheels we offer one of the widest selections for our customers. The most commonly known phenolic resin wheel is the Texite which is used in 90 percent of the phenolic applications.

Phenolic wheels are used where there is high loading, a need for floor protection and ease of movement.

The material itself is made up of cotton duck which is macerated or shredded as a filler. The canvas is then impregnated with a phenolic resin and shaped into a preform of a wheel. The preform is then inserted into a mold and subjected to high heat and pressure for a predetermined time. The wheel that is produced is complete except for a slight cleanup of the mold parting line on the tread (this is the unpolished area of the tread).

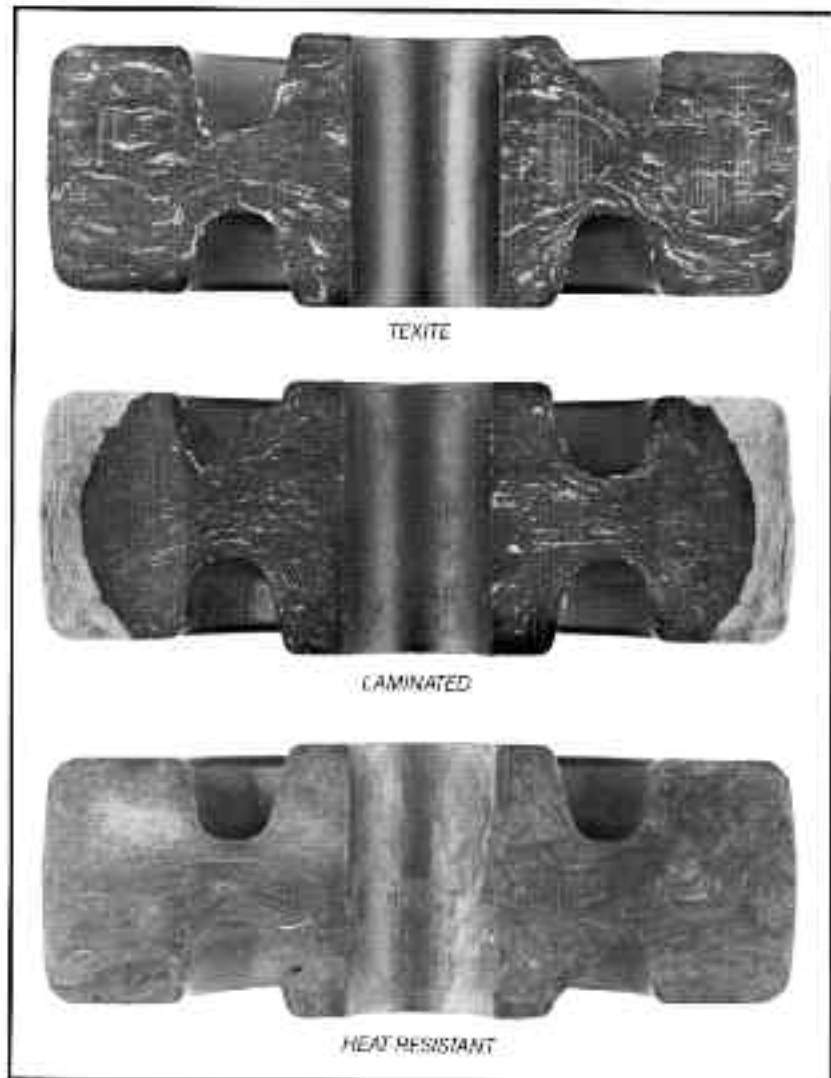
Texite wheels are 25-50 percent lighter than cast iron wheels of the same capacity. Hardness range is 90-95 Shore D, Durometer. To more easily describe the hardness, compare it to a piece of hard maple flooring.

The material is quieter than metal when used as truck wheels - a little more noisy than cushion rubber. It has considerable shock absorbing qualities because it has high impact strength. Texite can be used in wet conditions or applications where there may be mild acids, greases, oils, animal fat or blood. They are affected in various degrees by sulphuric or muriatic acid and some alkali solutions.

The wheel is considered floor protective as the thick tread section is designed to wear before the floor does. A wheel may start out to be 5 inches in diameter and after years of service could be measured at 4.5 or less. This is normal for this type of compound. The phenolic is softer than the cement, therefore it takes the wear. The old adage is "it's cheaper to replace a wheel than a floor."

### Laminated Texite

When wheel wear or capacity of the standard texite is not acceptable for your application, we offer a laminated tread texite. This wheel uses the same macerated canvas, phenolic compound for the core, however the tread area is a different construction. The tread is wound with a continuous strip of canvas which has been impregnated with the phenolic resin.



This wrap of canvas allows the wheel a greater load capacity and is more resistant to fraying or chipping when operating on ordinary floors.

The laminated texite is a premium wheel in performance and price. It should outwear the standard texite 3 or 4 times.

The laminated tread can be identified as a golden wrap on the tread of the wheel. The molded canvas duck will be quite usable.

### Temperature Resistant Texite

When the standard cotton duck is subjected to high heat, over 250 degrees for long periods, the cotton duck starts to break down and disintegrate. This will cause the wheel to lose its impact capabilities and fail.

In cases where heat will be present for long periods of time we suggest the "TR" wheel. This wheel uses the same phenolic resin for the wheel, however the cotton filler material is substituted for a material that will take higher heat before breaking down. The TR wheel is designated as a reddish pink in color and will take heat to 475 degrees.

The phenolic wheel is one of the most popular and inexpensive wheels in the industry today. With its popularity there have been attempts at lowering the cost even more. The three wheels that we have discussed all used the same phenolic resin compound. The expense of the wheel was determined by popularity and filler material. We have found that the standard Texite® material compound offers your customers the best product benefit/cost ratio.

Dia. in (mm)	Width in (mm)	Capacity** lb (kg)	Wheel Hub Length in (mm)	Bore or Bearing ID in (mm)	Weight lb (kg)	Part Number	Bearing Options
3 (76.2)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1-1/16 (27.0)	1/2 (0.2)	TM-03000-17	00 = Wheel ID Bore
3 (76.2)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1/2 (12.7)	1/2 (0.2)	TM-03001-08	01, 23, 31, 41, 51
3-1/4 (82.6)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	1-3/16 (30.2)	3/4 (0.3)	TM-03100-19	00 = Wheel ID Bore
3-1/4 (82.6)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	1/2 (12.7)	3/4 (0.3)	TM-03101-08	01, 23, 31, 41, 51
3-1/4 (82.6)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	5/8 (15.9)	3/4 (0.3)	TM-03101-10	01, 23, 31, 41, 51
3-1/4 (82.6)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	3/4 (19.1)	3/4 (0.3)	TM-03101-12	01, 23, 31, 41, 51
3-1/4 (82.6)	2 (50.8)	700 (318.2)	1-5/8 (41.3)	1-3/16 (30.2)	1-1/4 (0.6)	TM-03200-19	00 = Wheel ID Bore
3-1/4 (82.6)	2 (50.8)	700 (318.2)	1-5/8 (41.3)	1/2 (12.7)	1-1/4 (0.6)	TM-03201-08	01, 23, 31, 41, 51
3-1/4 (82.6)	2 (50.8)	700 (318.2)	1-3/8 (34.9)	5/8 (15.9)	1-1/4 (0.6)	TM-03201-10	01, 23, 31, 41, 51
3-1/4 (82.6)	2 (50.8)	700 (318.2)	1-3/8 (34.9)	3/4 (19.1)	1-1/4 (0.6)	TM-03201-12#	01, 23, 31, 41, 51
3-1/2 (88.9)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1-3/16 (30.2)	1/2 (0.6)	TM-03X00-17	00 = Wheel ID Bore
3-1/2 (88.9)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1/2 (12.7)	1/2 (0.6)	TM-03X01-08	01, 23, 31, 41, 51
4 (101.6)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1-3/16 (30.2)	3/4 (0.3)	TM-04000-17	00 = Wheel ID Bore
4 (101.6)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1/2 (12.7)	3/4 (0.3)	TM-04001-08	01, 23, 31, 41, 51
4 (101.6)	1-1/2 (41.3)	600 (272.7)	1-3/8 (34.9)	1-3/16 (30.2)	1 (0.5)	TM-04100-19	00 = Wheel ID Bore
4 (101.6)	1-1/2 (41.3)	600 (272.7)	1-3/8 (34.9)	1/2 (12.7)	1 (0.5)	TM-04101-08	01, 23, 31, 41, 51
4 (101.6)	1-1/2 (41.3)	600 (272.7)	1-3/8 (34.9)	5/8 (15.9)	1 (0.5)	TM-04101-10	01, 23, 31, 41, 51
4 (101.6)	1-1/2 (41.3)	600 (272.7)	1-3/8 (34.9)	3/4 (19.1)	1 (0.5)	TM-04101-12	01, 23, 31, 41, 51
4 (101.6)	2 (50.8)	800 (363.6)	2-3/16 (55.6)	1-3/16 (30.2)	1-1/2 (0.7)	TM-04200-19	00 = Wheel ID Bore
4 (101.6)	2 (50.8)	800 (363.6)	2-3/16 (55.6)	1/2 (12.7)	1-1/2 (0.7)	TM-04201-08	01, 23, 31, 41, 51
4 (101.6)	2 (50.8)	800 (363.6)	2-3/16 (55.6)	5/8 (15.9)	1-1/2 (0.7)	TM-04201-10	01, 23, 31, 41, 51
4 (101.6)	2 (50.8)	800 (363.6)	2-3/16 (55.6)	3/4 (19.1)	1-1/2 (0.7)	TM-04201-12#	01, 23, 31, 41, 51
4 (101.6)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	1-3/16 (30.2)	1-3/4 (0.8)	TH-04200-19	00 = Wheel ID Bore
4 (101.6)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	1/2 (12.7)	1-3/4 (0.8)	TH-04201-08	01, 23, 31, 41, 51
4 (101.6)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	5/8 (15.9)	1-3/4 (0.8)	TH-04201-10	01, 23, 31, 41, 51
4 (101.6)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	3/4 (19.1)	1-3/4 (0.8)	TH-04201-12#	01, 23, 31, 41, 51
5 (127.0)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1-1/16 (27.0)	1-1/4 (0.6)	TM-05100-17	00 = Wheel ID Bore
5 (127.0)	1-1/4 (31.8)	300 (136.4)	1-3/8 (34.9)	1/2 (12.7)	1-1/4 (0.6)	TM-05001-08	01, 23, 31, 41, 51
5 (127.0)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	1-3/16 (30.2)	1-1/2 (0.7)	TM-05100-19	00 = Wheel ID Bore
5 (127.0)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	1/2 (12.7)	1-1/2 (0.7)	TM-05101-08	01, 23, 31, 41, 51
5 (127.0)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	5/8 (15.9)	1-1/2 (0.7)	TM-05101-10	01, 23, 31, 41, 51
5 (127.0)	1-1/2 (41.3)	600 (272.7)	1-5/8 (41.3)	3/4 (19.1)	1-1/2 (0.7)	TM-05101-12	01, 23, 31, 41, 51
5 (127.0)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	1-3/16 (30.2)	1-3/4 (0.8)	TM-05200-19	00 = Wheel ID Bore
5 (127.0)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	1/2 (12.7)	1-3/4 (0.8)	TM-05201-08	01, 23, 31, 41, 51
5 (127.0)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	5/8 (15.9)	1-3/4 (0.8)	TM-05201-10	01, 23, 31, 41, 51
5 (127.0)	2 (50.8)	1,000 (454.5)	2-3/16 (55.6)	3/4 (19.1)	1-3/4 (0.8)	TM-05201-12	01, 23, 31, 41, 51
5 (127.0)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	1-3/16 (30.2)	2-1/4 (1.0)	TH-05200-19	00 = Wheel ID Bore
5 (127.0)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	1/2 (12.7)	2-1/4 (1.0)	TH-05201-08	01, 23, 31, 41, 51
5 (127.0)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	5/8 (15.9)	2-1/4 (1.0)	TH-05201-10	01, 23, 31, 41, 51
5 (127.0)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	3/4 (19.1)	2-1/4 (1.0)	TH-05201-12	01, 23, 31, 41, 51

\*\*Capacity Rating is for manual operation. Rating shown is for highest rated capacity bearing.

# = Wheels are c/w spanner bushing and nylon seal retaining/thrust washers.

Hub length of tapered roller bearing wheel shown is measured over spacer tubes.

Hub length of ball bearing wheels 1/4" greater than shown and capacity rating not to exceed 900#.



Dia. in (mm)	Width in (mm)	Capacity** lb (kg)	Wheel Hub Length in (mm)	Bore or Bearing ID in (mm)	Weight lb (kg)	Part Number	Bearing Options
6 (152.4)	1-1/2 (41.3)	800 (363.6)	1-5/8 (41.3)	1-3/16 (30.2)	1-1/2 (0.7)	TM-06100-19	00 = Wheel ID Bore
6 (152.4)	1-1/2 (41.3)	800 (363.6)	1-5/8 (41.3)	1/2 (12.7)	1-1/2 (0.7)	TM-06101-08	01, 23, 31, 41, 51
6 (152.4)	1-1/2 (41.3)	800 (363.6)	1-5/8 (41.3)	5/8 (15.9)	1-1/2 (0.7)	TM-06101-10	01, 23, 31, 41, 51
6 (152.4)	1-1/2 (41.3)	800 (363.6)	1-5/8 (41.3)	3/4 (19.1)	1-1/2 (0.7)	TM-06101-12	01, 23, 31, 41, 51
6 (152.4)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	1-3/16 (30.2)	2-1/2 (1.1)	TM-06200-19	00 = Wheel ID Bore
6 (152.4)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	1/2 (12.7)	2-1/2 (1.1)	TM-06201-08	01, 23, 31, 41, 51
6 (152.4)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	5/8 (15.9)	2-1/2 (1.1)	TM-06201-10	01, 23, 31, 41, 51
6 (152.4)	2 (50.8)	1,200 (545.4)	2-3/16 (55.6)	3/4 (19.1)	2-1/2 (1.1)	TM-06201-12	01, 23, 31, 41, 51
6 (152.4)	2 (50.8)	1,500 (545.4)	2-3/16 (55.6)	1-3/16 (30.2)	3 (1.4)	TH-06200-19	00 = Wheel ID Bore
6 (152.4)	2 (50.8)	1,500 (545.4)	2-3/16 (55.6)	1/2 (12.7)	3 (1.4)	TH-06201-08	01, 23, 31, 41, 51
6 (152.4)	2 (50.8)	1,500 (545.4)	2-3/16 (55.6)	5/8 (15.9)	3 (1.4)	TH-06201-10	01, 23, 31, 41, 51
6 (152.4)	2 (50.8)	1,500 (545.4)	2-3/16 (55.6)	3/4 (19.1)	3 (1.4)	TH-06201-12	01, 23, 31, 41, 51
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	3-1/4 (82.6)	1-15/16 (49.2)	4-1/2 (2)	TM-06400-31	00 = Wheel ID Bore
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	3-1/4 (82.6)	1 (25.4)	4-1/2 (2)	TM-06401-16	01 = Roller Bearing
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	3-1/4 (82.6)	1-1/4 (31.8)	4-1/2 (2)	TM-06401-20	01 = Roller Bearing
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	1-15/16 (49.2)	4-1/4 (1.9)	TM-06400-31	00 = Wheel ID Bore
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	1 (25.4)	4-1/4 (1.9)	TM-06405-16	01 = Roller Bearing
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	1-3/16 (30.2)	3-1/2 (1.6)	TM-06400-31	00 = Wheel ID Bore
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	3/4 (19.1)	3-1/2 (1.6)	TM-06407-12	01 = Roller Bearing
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	3-1/2 (88.9)	1-15/16 (49.2)	4-1/4 (1.9)	TM-06400-31	00 = Wheel ID Bore
6 (152.4)	2-1/2 (63.5)	1,600 (727.2)	3-1/2 (88.9)	3/4 (19.1)	4-1/4 (1.9)	TM-06409-12	07 = Taper Bearing
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/4 (82.6)	1-15/16 (49.2)	5 (2.3)	TM-06500-31	00 = Wheel ID Bore
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/4 (82.6)	1 (25.4)	5 (2.3)	TM-06501-16	01 = Roller Bearing
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/4 (82.6)	1-1/4 (31.8)	5 (2.3)	TM-06501-20	01 = Roller Bearing
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/2 (88.9)	1-15/16 (49.2)	4-3/4 (2.2)	TM-06500-31	00 = Wheel ID Bore
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/2 (88.9)	3/4 (19.1)	4-3/4 (2.2)	TM-06509-12	09 = Taper Bearing
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/2 (88.9)	1.98 (50.3)	4-3/4 (2.2)	TM-06500-1.98	1.98 = Wheel ID Bore
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/2 (88.9)	1 (25.4)	4-3/4 (2.2)	TM-06509-16	09 = Taper Bearing
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/2 (88.9)	2.33 (59.1)	4-3/4 (2.2)	TM-06500-2.33	2.33 = Wheel ID Bore
6 (152.4)	3 (76.2)	2,000 (909.0)	3-1/2 (88.9)	1-1/4 (31.8)	4-3/4 (2.2)	TM-06509-20	09 = Taper Bearing
6 (152.4)	5 (127.0)	8,000 (3636.0)	5-1/2 (139.7)	2-7/16 (61.9)	11-1/4 (5.1)	TL-06800-39	39 = Wheel ID Bore
6 (152.4)	5 (127.0)	8,000 (3636.0)	5-1/2 (139.7)	1 (25.4)	11-1/4 (5.1)	TL-06809-16	09 = Taper Bearing
6 (152.4)	5 (127.0)	8,000 (3636.0)	5-1/2 (139.7)	1-1/4 (31.8)	11-1/4 (5.1)	TL-06809-20	09 = Taper Bearing
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/4 (82.6)	1-15/16 (49.2)	6-1/2 (3.0)	TM-07500-31	31 = Wheel ID Bore
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/4 (82.6)	1 (25.4)	6-1/2 (3.0)	TM-07501-16	01 = Roller Bearing
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/4 (82.6)	1-1/4 (31.8)	6-1/2 (3.0)	TM-07501-20	01 = Roller Bearing
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/2 (88.9)	1-15/16 (49.2)	6-1/4 (2.8)	TM-07500-31	31 = Wheel ID Bore
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/2 (88.9)	3/4 (19.1)	6-1/4 (2.8)	TM-07509-12	09 = Taper Bearing
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/2 (88.9)	1.98 (50.3)	6-1/4 (2.8)	TM-07500-1.98	1.98 = Wheel ID Bore
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/2 (88.9)	1 (25.4)	6-1/4 (2.8)	TM-07509-16	09 = Taper Bearing
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/2 (88.9)	2.33 (59.1)	6-1/4 (2.8)	TM-07500-2.33	00 = Wheel ID Bore
7 (177.8)	3 (76.2)	2,200 (999.9)	3-1/2 (88.9)	1-1/4 (31.8)	6-1/4 (2.8)	TM-07509-20	09 = Taper Bearing

\*\*Capacity Rating is for manual operation. Rating shown is for highest rated capacity bearing.

# = Wheels are c/w spanner bushing and nylon seal retaining/thrust washers.

Hub length of tapered roller bearing wheel shown is measured over spacer tubes.

Hub length of ball bearing wheels 1/4" greater than shown and capacity rating not to exceed 900#.

Dia. in (mm)	Width in (mm)	Capacity** lb (kg)	Wheel Hub Length in (mm)	Bore or Bearing ID in (mm)	Weight lb (kg)	Part Number	Bearing Options
8 (203.2)	2 (50.8)	1,400 (636.3)	2-3/16 (55.6)	1-3/16 (30.2)	4 (1.8)	TM-08200-19	19 = Wheel ID Bore
8 (203.2)	2 (50.8)	1,400 (636.3)	2-3/16 (55.6)	5/8 (15.9)	4 (1.8)	TM-08201-10	01 = Roller Bearing
8 (203.2)	2 (50.8)	1,400 (636.3)	2-3/16 (55.6)	3/4 (19.1)	4 (1.8)	TM-08201-12	01 = Roller Bearing
8 (203.2)	2-1/2 (63.5)	2,000 (909.0)	3-1/4 (82.6)	1-15/16 (49.2)	6-1/4 (2.8)	TM-08400-31	31 = Wheel ID Bore
8 (203.2)	2-1/2 (63.5)	2,000 (909.0)	3-1/4 (82.6)	1 (25.4)	6-1/4 (2.8)	TM-08401-16	01 = Roller Bearing
8 (203.2)	2-1/2 (63.5)	2,000 (909.0)	3-1/4 (82.6)	1-1/4 (31.8)	6-1/4 (2.8)	TM-08401-20	01 = Roller Bearing
8 (203.2)	2-1/2 (63.5)	1,800 (818.1)	2-3/4 (69.9)	1-15/16 (49.2)	5-3/4 (2.6)	TM-08400-31	31 = Wheel ID Bore
8 (203.2)	2-1/2 (63.5)	1,800 (818.1)	2-3/4 (69.9)	1 (24.5)	5-3/4 (2.6)	TM-08405-16	05 = Roller Bearing
8 (203.2)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	1-3/16 (30.2)	5-1/4 (2.4)	TM-08400-19	31 = Wheel ID Bore
8 (203.2)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	3/4 (19.1)	5-1/4 (2.4)	TM-08407-12	07 = Roller Bearing
8 (203.2)	2-1/2 (63.5)	2,000 (909.0)	3-1/2 (88.9)	1-15/16 (49.2)	6 (2.7)	TM-08400-31	31 = Wheel ID Bore
8 (203.2)	2-1/2 (63.5)	2,000 (909.0)	3-1/2 (88.9)	3/4 (19.1)	6 (2.7)	TM-08409-12	09 = Taper Bearing
8 (203.2)	2-1/2 (63.5)	2,000 (909.0)	3-1/2 (88.9)	1.98 (50.3)	6 (2.7)		
8 (203.2)	2-1/2 (63.5)	2,000 (909.0)	3-1/2 (88.9)	1 (25.4)	6 (2.7)	TM-08409-16	09 = Taper Bearing
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/4 (82.6)	1-15/16 (49.2)	7-1/4 (3.3)	TM-08500-31	00 = Wheel ID Bore
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/4 (82.6)	1 (25.4)	7-1/4 (3.3)	TM-08501-16	01 = Roller Bearing
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/4 (82.6)	1-1/4 (31.8)	7-1/4 (3.3)	TM-08501-20	01 = Roller Bearing
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/2 (88.9)	1-15/16 (49.2)	7 (3.2)	TM-08500-31	31 = Wheel ID Bore
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/2 (88.9)	3/4 (19.1)	7 (3.2)	TM-08509-12	09 = Taper Bearing
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/2 (88.9)	1.98 (50.3)	7 (3.2)		
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/2 (88.9)	1 (25.4)	7 (3.2)	TM-08509-16	09 = Taper Bearing
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/2 (88.9)	2.33 (59.1)	7 (3.2)		
8 (203.2)	3 (76.2)	2,500 (1136.3)	3-1/2 (88.9)	1-1/4 (31.8)	7 (3.2)	TM-08509-20	09 = Taper Bearing
8 (203.2)	6 (152.4)	5,000 (2272.5)	6-1/2 (165.1)	2.33 (59.1)	15-1/2 (7.0)	TM-08900-2.33	2.33 = Wheel ID Bore
8 (203.2)	6 (152.4)	5,000 (2272.5)	6-1/2 (165.1)	1-1/4 (31.8)	15-1/2 (7.0)	TM-08909-20	09 = Taper Bearing
10 (254.0)	2-1/2 (63.5)	2,500 (1136.3)	3-1/4 (82.6)	1-15/16 (49.2)	7-3/4 (3.5)	TM-10400-31	31 = Wheel ID Bore
10 (254.0)	2-1/2 (63.5)	2,500 (1136.3)	3-1/4 (82.6)	1 (25.4)	7-3/4 (3.5)	TM-10401-16	01 = Roller Bearing
10 (254.0)	2-1/2 (63.5)	2,500 (1136.3)	3-1/4 (82.6)	1-1/4 (31.8)	7-3/4 (3.5)	TM-10401-20	01 = Roller Bearing
10 (254.0)	2-1/2 (63.5)	1,800 (818.1)	2-3/4 (69.9)	1-15/16 (49.2)	7-1/2 (3.4)	TM-10400-31	31 = Wheel ID Bore
10 (254.0)	2-1/2 (63.5)	1,800 (818.1)	2-3/4 (69.9)	1 (25.4)	7-1/2 (3.4)	TM-10405-16	05 = Roller Bearing
10 (254.0)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	1-3/16 (30.2)	7 (3.2)	TM-10400-19	19 = Wheel ID Bore
10 (254.0)	2-1/2 (63.5)	1,600 (727.2)	2-3/4 (69.9)	3/4 (19.1)	7 (3.2)	TM-10407-12	07 = Roller Bearing
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/4 (82.6)	1-15/16 (49.2)	9-3/4 (4.4)	TM-10500-31	31 = Wheel ID Bore
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/4 (82.6)	1 (25.4)	9-3/4 (4.4)	TM-10501-16	01 = Roller Bearing
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/4 (82.6)	1-1/4 (31.8)	9-3/4 (4.4)	TM-10501-20	01 = Roller Bearing
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/2 (88.9)	1-15/16 (49.2)	9-1/2 (4.3)	TM-10500-31	31 = Wheel ID Bore
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/2 (88.9)	3/4 (19.1)	9-1/2 (4.3)	TM-10509-12	09 = Taper Bearing
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/2 (88.9)	1.98 (50.3)	9-1/2 (4.3)	TM-10500-1.98	1.98 = Wheel ID Bore
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/2 (88.9)	1 (25.4)	9-1/2 (4.3)	TM-10509-16	09 = Taper Bearing
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/2 (88.9)	2.33 (59.1)	9-1/2 (4.3)	TM-10500-2.33	2.33 = Wheel ID Bore
10 (254.0)	3 (76.2)	2,600 (1181.7)	3-1/2 (88.9)	1-1/4 (31.8)	9-1/2 (4.3)	TM-10509-20	09 = Taper Bearing
10 (254.0)	6 (152.4)	5,200 (2363.4)	6-1/2 (165.1)	2.33 (59.1)	20-1/2 (9.3)	TM-10500-2.33	2.33 = Wheel ID Bore
10 (254.0)	6 (152.4)	5,200 (2363.4)	6-1/2 (165.1)	1-1/4 (31.8)	20-1/2 (9.3)	TM-10909-20	09 = Taper Bearing

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# = Wheels are c/w spanner bushing and nylon seal retaining/thrust washers.

Hub length of tapered roller bearing wheel shown is measured over spacer tubes.

Dia. in (mm)	Width in (mm)	Capacity** lb (kg)	Wheel Hub Length in (mm)	Bore or Bearing ID in (mm)	Weight lb (kg)	Part Number	Bearing Options
12 (304.8)	2-1/2 (63.5)	3,000 (1363.5)	3-1/4 (82.6)	1-15/16 (49.2)	11-3/4 (5.3)	TM-12400-31	31 = Wheel ID Bore
12 (304.8)	2-1/2 (63.5)	3,000 (1363.5)	3-1/4 (82.6)	1 (25.4)	11-3/4 (5.3)	TM-12401-16	01 = Roller Bearing
12 (304.8)	2-1/2 (63.5)	3,000 (1363.5)	3-1/4 (82.6)	1-1/4 (31.8)	11-3/4 (5.3)	TM-12401-20	01 = Roller Bearing
12 (304.8)	3 (76.2)	1,800 (818.1)	2-3/4 (69.9)	1-15/16 (49.2)	11-1/4 (5.1)	TM-12500-31	31 = Wheel ID Bore
12 (304.8)	3 (76.2)	1,800 (818.1)	2-3/4 (69.9)	1 (24.5)	11-1/4 (5.1)	TM-12505-16	01 = Roller Bearing
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/4 (82.6)	1-15/16 (49.2)	12-3/4 (5.8)	TM-12500-31	31 = Wheel ID Bore
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/4 (82.6)	1 (25.4)	12-3/4 (5.8)	TM-12501-16	01 = Roller Bearing
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/4 (82.6)	1-1/4 (31.8)	12-3/4 (5.8)	TM-12501-20	01 = Roller Bearing
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/2 (88.9)	1-15/16 (49.2)	12-1/2 (5.7)	TM-12500-31	31 = Wheel ID Bore
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/2 (88.9)	3/4 (19.1)	12-1/2 (5.7)	TM-12509-12	09 = Taper Bearing
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/2 (88.9)	1.98 (50.3)	12-1/2 (5.7)	TM-12509-1.98	1.98 = Wheel ID Bore
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/2 (88.9)	1 (25.4)	12-1/2 (5.7)	TM-12509-16	09 = Taper Bearing
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/2 (88.9)	2.33 (59.1)	12-1/2 (5.7)	TM-12509-2.33	2.33 = Wheel ID Bore
12 (304.8)	3 (76.2)	3,500 (1590.8)	3-1/2 (88.9)	1-1/4 (31.8)	12-1/2 (5.7)	TM-12509-20	09 = Taper Bearing
12 (304.8)	3-1/2 (88.9)	4,000 (1818.0)	4-1/4 (108.0)	2-7/16 (61.9)	23-1/2 (10.7)	TM-12600-39	39 = Wheel ID Bore
12 (304.8)	3-1/2 (88.9)	4,000 (1818.0)	4-1/4 (108.0)	1-1/4 (31.8)	23-1/2 (10.7)	TM-12601-20	01 = Roller Bearing
12 (304.8)	3-1/2 (88.9)	4,000 (1818.0)	4-1/4 (108.0)	1-1/2 (38.1)	23-1/2 (10.7)	TM-12601-24	01 = Roller Bearing
12 (304.8)	3-1/2 (88.9)	4,000 (1818.0)	4-1/2 (114.3)	2-7/16 (61.9)	23 (10.5)	TM-12600-39	31 = Wheel ID Bore
12 (304.8)	3-1/2 (88.9)	4,000 (1818.0)	4-1/2 (114.3)	1-1/4 (31.8)	23 (10.5)	TM-12609-20	09 = Taper Bearing
12 (304.8)	3-1/2 (88.9)	4,000 (1818.0)	4-1/2 (114.3)	1-1/2 (38.1)	23 (10.5)	TM-12609-24	09 = Taper Bearing
12 (304.8)	4 (101.6)	6,500 (2954.3)	4-1/2 (114.3)	2.33 (59.1)	26-1/4 (11.9)	TM-12709-2.33	2.33 = Wheel ID Bore
12 (304.8)	4 (101.6)	6,500 (2954.3)	4-1/2 (114.3)	1-1/4 (31.8)	26-1/4 (11.9)	TM-12709-20	09 = Taper Bearing
16 (406.4)	3 (76.2)	4,000 (1818.0)	4-1/4 (108.0)	2-7/16 (61.9)	25 (11.4)	TM-16500-39	39 = Wheel ID Bore
16 (406.4)	3 (76.2)	4,000 (1818.0)	4-1/4 (108.0)	1-1/4 (31.8)	25 (11.4)	TM-16501-20	01 = Roller Bearing
16 (406.4)	3 (76.2)	4,000 (1818.0)	4-1/4 (108.0)	1-1/2 (38.1)	25 (11.4)	TM-16501-24	01 = Roller Bearing
16 (406.4)	3 (76.2)	4,000 (1818.0)	4-1/2 (114.3)	2-7/16 (61.9)	25-3/4 (11.7)	TM-16500-39	39 = Wheel ID Bore
16 (406.4)	3 (76.2)	4,000 (1818.0)	4-1/2 (114.3)	1-1/4 (31.8)	25-3/4 (11.7)	TM-16509-20	09 = Taper Bearing
16 (406.4)	3-1/2 (88.9)	6,000 (2727.0)	4-1/4 (108.0)	2-7/16 (61.9)	30-1/2 (13.9)	TM-16600-39	39 = Wheel ID Bore
16 (406.4)	3-1/2 (88.9)	6,000 (2727.0)	4-1/4 (108.0)	1-1/4 (31.8)	30-1/2 (13.9)	TM-16601-20	01 = Roller Bearing
16 (406.4)	3-1/2 (88.9)	6,000 (2727.0)	4-1/4 (108.0)	1-1/2 (38.1)	30-1/2 (13.9)	TM-16601-24	01 = Roller Bearing
16 (406.4)	3-1/2 (88.9)	6,000 (2727.0)	4-1/2 (114.3)	2-7/16 (61.9)	30-1/4 (14.2)	TM-16600-39	39 = Wheel ID Bore
16 (406.4)	3-1/2 (88.9)	6,000 (2727.0)	4-1/2 (114.3)	1-1/4 (31.8)	30-1/4 (14.2)	TM-16609-20	09 = Taper Bearing
16 (406.4)	4 (101.6)	8,000 (3636.0)	5-1/4 (133.4)	2-7/16 (61.9)	35-3/4 (16.2)	TM-16700-39	39 = Wheel ID Bore
16 (406.4)	4 (101.6)	8,000 (3636.0)	5-1/4 (133.4)	1-1/4 (31.8)	35-3/4 (16.2)	TM-16601-20	01 = Roller Bearing
16 (406.4)	4 (101.6)	8,000 (3636.0)	5-1/4 (133.4)	1-1/2 (38.1)	35-3/4 (16.2)	TM-16601-24	01 = Roller Bearing
16 (406.4)	4 (101.6)	8,000 (3636.0)	5-1/2 (139.7)	2-7/16 (61.9)	34-1/4 (15.6)	TM-16600-39	39 = Wheel ID Bore
16 (406.4)	4 (101.6)	8,000 (3636.0)	5-1/2 (139.7)	1-1/4 (31.8)	34-1/4 (15.6)	TM-16609-20	09 = Taper Bearing
18 (457.2)	3 (76.2)	3,500 (1590.8)	3-1/4 (82.6)	1-15/16 (49.2)	23-3/4 (10.8)	TM-18500-39	39 = Wheel ID Bore
16 (406.4)	3 (76.2)	3,500 (1590.8)	3-1/4 (82.6)	1 (25.4)	23-3/4 (10.8)	TM-18501-16	01 = Roller Bearing
16 (406.4)	3 (76.2)	3,500 (1590.8)	3-1/4 (82.6)	1-1/4 (31.8)	23-3/4 (10.8)	TM-18501-20	01 = Roller Bearing

\*\*Capacity Rating is for manual operation. Rating shown is for highest rated capacity bearing.

Hub length of tapered roller bearing wheel shown is measured over spacer tubes.



Dia. (in.)	Width (in.)	Capacity (lbs.)	Axle Dia. (in.)	Hub Length (in.)	Wt. (lbs.)	Part Number*
<b>CATEGORY 04, 05 AND 06 WITH 1/2 IN. AXLES</b>						
4	2	1000	1/2	2-3/16	3	TL-R-0420-08
5	2	1000	1/2	2-3/16	4	TL-R-0520-08
6	2	1100	1/2	2-3/16	5	TL-R-0620-08
7	2	1200	1/2	2-3/16	6	TL-R-0720-08
<b>CATEGORY 07 AND 08 WITH 3/4 IN. AXLES</b>						
6	3	1350	3/4	2-3/4	5	TL-R-0630-12
8	3	1500	3/4	2-3/4	6	TL-R-0830-12
10	3	1650	3/4	2-3/4	7	TL-R-1030-12
12	3	1800	3/4	2-3/4	8	TL-R-1230-12

\* P = Precision Brg., R= Roller Brg., D= Delrin Brg., T=Tapered Brg., PL = Plain Brg.

Other sizes available 3 in. - 16 in. diameter.

**Laminated Texite Wheels** have continuously wound laminations on the tread and standard macerated phenolics in the core. It wears much better than the standard phenolic compound.

The wrap of canvas allows the wheel a greater load capacity and is more resistant to fraying or chipping when operating on ordinary floors. Resistance to shock is approximately 35% greater than macerated TL Texite wheels.

Laminated Texite (TL) is a premium wheel in performance and value as it outlasts macerated phenolics - TM Texite 3 or 4 times.

While the wheel has high load capacity it is still floor protective.

Temperature Range: to +260 ° F.

Chemical Resistance: Good around most chemicals.



### High Temperature Phenolic Wheels (TR)

use the same resin as the standard Texite Wheel, but the filler material is substituted with a material that will take higher heat before breaking down.

The material is a reddish brown.

Temperature range - will take heat continuous to + 475 ° F.

(Intermittent to + 525 ° F )

### Wheels are available with:

- Stainless Steel Spanner Bushings
- Stainless Steel Roller Bearings
- Electroless Nickel Plated Roller Bearings

Applications include baking ovens, curing ovens and autoclaves

Dia. (in.)	Width (in.)	Capacity (lbs.)	Axle Dia. (in.)	Hub Length (in.)	Wt. (lbs.)	Part Number*
<b>CATEGORY 02 WITH 3/8 IN. AXLES</b>						
3	1-1/4	200	3/8	1-3/8	3	TR-R-0312-08
4	1-1/4	250	3/8	1-3/8	4	TR-R-0412-08
5	1-1/4	300	3/8	1-3/8	5	TR-R-0512-08
<b>CATEGORY 03 WITH 1/2 IN. AXLES</b>						
3	1-1/2	300	1/2	1-5/8	3	TR-R-0315-12
4	1-1/2	400	1/2	1-5/8	4	TR-R-0415-12
5	1-1/2	400	1/2	1-5/8	5	TR-R-1515-12
6	1-1/2	500	1/2	1-5/8	6	TR-R-1615-12
<b>CATEGORY 04 AND 05 WITH 1/2 IN. AXLES</b>						
3-1/4	2	500	1/2	2-3/16	3	TR-R-3220-12
4	2	500	1/2	2-3/16	4	TR-R-0420-12
5	2	750	1/2	2-3/16	4-1/2	TR-R-0520-12
6	2	900	1/2	2-3/16	5	TR-R-0620-12
8	2	1100	1/2	2-3/16	6	TR-R-0820-12
<b>CATEGORY 07 AND 08 WITH 3/4 IN. AXLES</b>						
6	2-1/2	1300	3/4	3-1/4	5	TR-R-0625-16
8	2-1/2	1600	3/4	3-1/4	6	TR-R-0825-16
10	2-1/2	2000	3/4	3-1/4	7	TR-R-1025-16
12	2-1/2	2400	3/4	3-1/4	7	TR-R-1225-16
<b>CATEGORY 07 AND 08 WITH 3/4 IN. AXLES</b>						
6	3	1700	3/4	3-1/4	5	TR-R-0630-16
8	3	1900	3/4	3-1/4	6	TR-R-0830-16
10	3	2400	3/4	3-1/4	7	TR-R-1030-16
12	3	2600	3/4	3-1/4	8	TR-R-1230-16

\* P = Precision Brg., R= Roller Brg., D= Delrin Brg., T=Tapered Brg., PL = Plain Brg.

Other sizes available 3 in. - 16 in. diameter.

## POLYPROPYLENE BLACK - PB

Capacity Up to 1000 lbs.



Injection molded blend of thermoplastic polymers which resist absorption and are resistant to most chemicals and solvents. Capacity ratings are comparable to hard rubber wheels with the added advantage of being lighter in weight and having greater impact resistance.

### Features

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20°F to +180°F
- **Hardness:** 65 Shore D

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part * Number
3	1-3/8	250	1-1/2	1-5/16	1/2	1/2	PB-R-0313-08
3	1-1/4	250	1-1/2	1/2	1/2	1/2	PB-R-0312-08
3-1/2	1-3/8	275	1-1/2	1-5/16	1/2	1/2	PB-R-3513-08
4	1-1/4	300	1-1/2	1/2	1/2	1/2	PB-R-0412-08
4	1-3/8	300	1-1/2	1-5/16	1/2	1/2	PB-R-0413-08
4	1-1/2 <sup>^</sup>	400	1-5/8	1-3/16	1/2	3/4	PB-R-0415-12<
4	2	450	2-3/16	3/4	3/4	1/2	PB-R-0420-12
4	2	450	2-3/16	1-3/16	3/4	1	PB-R-0420-12<
5	1-1/4	450	1-1/2	1/2	1/2	1/2	PB-R-0512-08
5	1-1/4	450	1-1/2	1-5/16	1/2	1/2	PB-R-0512-08
5	1-1/2 <sup>^</sup>	450	1-5/8	1-3/16	3/4	1	PB-R-0515-12<
5	2	550	2-3/16	3/4	3/4	3/4	PB-R-0520-12
5	2	650	2-3/16	1-3/16	3/4	1-1/4	PB-R-0520-12<
6	1-1/2 <sup>^</sup>	550	1-5/8	1-3/16	3/4	1	PB-R-0615-12<
6	2	650	2-3/16	3/4	3/4	1	PB-R-0620-12
6	2	750	2-3/16	1-3/16	3/4	1-1/2	PB-R-0620-12<
8	2	850	2-3/16	3/4	3/4	1-1/4	PB-R-0820-12
8	2	1000	2-3/16	1-3/16	3/4	1-3/4	PB-R-0820-12<

\* P = Prec. Brg, R= Roller Brg, D= Delrin Brg, T=Tapered Brg, PL = Plain Brg

<sup>^</sup> = Wheels are complete with spanner bushing & nylon retaining thrust washers

< = 2-7/16" Spanner and Spacers included

## POLYPROPYLENE WHITE - PW

Capacity Up to 1000 lbs.



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
3	1-1/4	250	1-7/16	1/2	1/2	1/2	PW-R-0312-08
3-1/2	1-1/4	275	1-7/16	1/2	1/2	1/2	PW-R-0312-08
4	1-1/4	300	1-7/16	1/2	1/2	1/2	PW-R-0412-08
4	1-1/2	400	1-5/8	3/4	3/4	1/2	PW-R-0415-12
4	2	450	2-3/16	3/4	3/4	3/4	PW-R-0420-12
4	2	450	2-3/16	1/2	1/2	3/4	PW-R-0420-08
5	1-1/4	450	1-7/16	1/2	1/2	1/2	PW-R-0512-08
5	1-1/2	450	1-5/8	3/4	3/4	1/2	PW-R-0515-12
5	2	550	2-3/16	3/4	3/4	3/4	PW-R-0520-12
5	2	650	2-3/16	1/2	1/2	3/4	PW-R-0520-08
5	2	650	2-3/16	1/2	3/4	3/4	PW-R-0520-12
6	1-1/2	550	1-5/8	1-3/16	3/4	3/4	PW-R-0612-12
6	2	650	2-3/16	1-3/16	3/4	3/4	PW-R-0620-12
6	2	750	2-3/16	1-3/16	1/2	3/4	PW-R-0620-08
6	2	750	2-3/16	1-3/16	3/4	3/4	PW-R-0620-12

**RETORT - RT**

<b>Capacity</b>	<b>Up to 900 lbs.</b>
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Designed to withstand the rigors of high temperature, these wheels are perfect for cooker racks and retort carts. Oversized bore ID ensures smooth movement, even if wheels experience heat expansion.

**Features**

- **Wheel face:** Moderate crown
- **Finish:** White
- **Temperature Range:** -20°F up to +290°F
- **Hardness:** 75 Shore D Same options as PB

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt (lbs.)	Part Number*
3	1-3/8	300	1-1/2	1/2	1/2	1/4	<b>RT-R-0313-08</b>
3-1/2	1-3/8	300	1-1/2	1/2	1/2	1/4	<b>RT-R-3513-08</b>
4	1-3/8	300	1-1/2	1/2	1/2	3/4	<b>RT-R-0413-08</b>
4	1-1/2	375	1-5/8	1-3/16	3/4	1	<b>RT-R-0415-08</b>
4	2	500	2-3/16	1-3/16	3/4	1	<b>RT-R-0420-08</b>
5	1-3/8	440	1-1/2	1/2	1/2	1	<b>RT-R-0513-08</b>
5	1-1/2	540	1-5/8	1-3/16	3/4	1	<b>RT-R-0515-08</b>
5	2	650	2-3/16	1-3/16	3/4	1/2	<b>RT-R-0520-08</b>
6	1-1/2	600	1-5/8	1-3/16	3/4	1/2	<b>RT-R-0615-08</b>
6	2	700	2-3/16	1-3/16	3/4	2	<b>RT-R-0620-08</b>
8	1-1/2	750	1-5/8	1-3/16		3/4 2	<b>RT-R-0815-08</b>
8	2	900	2-3/16	1-3/16	3/4	2-1/2	<b>RT-R-0820-08</b>

\* P= Precision Ball Bearing, D= Delrin bearing, PL= Plain Bearing



**PREMIUM URETHANE /  
HEAVY DUTY IRON CORE  
(UR9/CA/HD)**



**PREMIUM URETHANE /  
CAST IRON CORE  
(UR9/CA)**

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SHOPPING CART WHEELS  
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## PREMIUM URETHANE / HEAVY DUTY CAST IRON - UR9/CA/HD

**Capacity Up to 5000 lbs.**



### Premium Urethane on Heavy Duty Iron.

Treads are thicker than standard premium urethane on iron wheels and the cast iron centers are a heavier design. Thicker treads provide greater cushioning and load bearing capacity. Ideal for power towed applications.

### FOR MORE EXTREME CAPACITY

**APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

### Wheel Options

- Extra hard tread
- Debris resistant tread
- Soft cushioned tread
- Keyways/set screws
- Special widths / hub lengths
- Ultra thick tread
- Special bores
- Special bearings

• **Solid Web Heavy Duty Centers:** Most have a min. 1/2" cross section thickness throughout to insure greater strength. All tires are "liquid cast" premium urethane in 1/2" or 1" thickness, chemically bonded to these extra rugged centers. Durometer hardness of 95A is standard.

• **Tapered Bearings:** Grease-packed precision tapered roller bearings are available in all sizes. Seals and lube fittings are standard with tapered roller bearings.

• **Automotive Industry:** Designed for, and widely used by, the automotive industry.

• **Ultra-thick Treads:** Available in all sizes. Consult Acorn™.

• **Tensile Strength:** 7400psi.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
6	3	1/2	1-15/16	3-1/4	1-15/16	-	2200	UR9/CA/HD-00-0630-31
6	3	1/2	1-15/16	3-1/4	1	Roller	2200	UR9/CA/HD-R-0630-16
6	3	1/2	1-15/16	3-1/4	1-1/4	Roller	2200	UR9/CA/HD-R-0630-20
6	3	1/2	1.780	3-1/4	3/4	Tapered	2200	UR9/CA/HD-T-0630-12
6	3	1/2	1.980	3-1/4	1	Tapered	2200	UR9/CA/HD-T-0630-16
6	3	1/2	2.326	3-1/4	1-1/4	Tapered	2200	UR9/CA/HD-T-0630-20
8	3	1/2	1-15/16	3-1/4	1-15/16	-	2500	UR9/CA/HD-00-0830-31
8	3	1/2	1-15/16	3-1/4	1	Roller	2500	UR9/CA/HD-R-0830-16
8	3	1/2	1.780	3-1/4	3/4	Tapered	2500	UR9/CA/HD-T-0830-12
8	3	1/2	1.980	3-1/4	1	Tapered	2500	UR9/CA/HD-T-0830-16
8	3	1/2	2-7/16	3-1/4	2-7/16	-	2500	UR9/CA/HD-00-0830-39
8	3	1/2	2-7/16	3-1/4	1-1/4	Roller	2500	UR9/CA/HD-R-0830-20
8	3	1/2	2-7/16	3-1/4	1-1/2	Roller	2500	UR9/CA/HD-R-0830-24
8	3	1/2	2.327	3-1/4	1-1/4	Tapered	2500	UR9/CA/HD-T-0830-20
8	3	1	1-15/16	3-1/4	1-15/16	-	3200	UR9/CA/HD-00-0830-31
8	3	1	1-15/16	3-1/4	1	Roller	3200	UR9/CA/HD-R-0830-16
8	3	1	1.780	3-1/4	3/4	Tapered	3200	UR9/CA/HD-T-0830-12
8	3	1	1.980	3-1/4	1	Tapered	3200	UR9/CA/HD-T-0830-16
8	3	1	2-7/16	3-1/4	2-7/16	-	3200	UR9/CA/HD-00-0830-39
8	3	1	2-7/16	3-1/4	1-1/4	Roller	3200	UR9/CA/HD-R-0830-20
8	3	1	2-7/16	3-1/4	1-1/2	Roller	3200	UR9/CA/HD-R-0830-24
8	3	1	2.327	3-1/4	1-1/4	Tapered	3200	UR9/CA/HD-T-0830-20
10	3	1/2	1-15/16	3-1/4	1-15/16	-	3000	UR9/CA/HD-00-1030-31
10	3	1/2	1-15/16	3-1/4	1	Roller	3000	UR9/CA/HD-R-1030-16
10	3	1/2	1.780	3-1/4	3/4	Tapered	3000	UR9/CA/HD-T-1030-12
10	3	1/2	1.980	3-1/4	1	Tapered	3000	UR9/CA/HD-T-1030-16
10	3	1/2	2-7/16	3-1/4	2-7/16	-	3000	UR9/CA/HD-00-1030-39
10	3	1/2	2-7/16	3-1/4	1-1/4	Roller	3000	UR9/CA/HD-R-1030-20
10	3	1/2	2-7/16	3-1/4	1-1/2	Tapered	3000	UR9/CA/HD-R-1030-24
10	3	1/2	2.327	3-1/4	1-1/4	Tapered	3000	UR9/CA/HD-T-1030-20
10	3	1	1-15/16	3-1/4	1-15/16	-	3700	UR9/CA/HD-00-1030-31
10	3	1	1-15/16	3-1/4	1	Roller	3700	UR9/CA/HD-R-1030-16
10	3	1	1.780	3-1/4	3/4	Tapered	3700	UR9/CA/HD-T-1030-12
10	3	1	1.980	3-1/4	1	Tapered	3700	UR9/CA/HD-T-1030-16
10	3	1	2-7/16	3-1/4	2-7/16	-	3700	UR9/CA/HD-00-1030-39
10	3	1	2-7/16	3-1/4	1-1/4	Roller	3700	UR9/CA/HD-R-1030-20
10	3	1	2-7/16	3-1/4	1-1/2	Tapered	3700	UR9/CA/HD-R-1030-24
10	3	1	2.327	3-1/4	1-1/4	Tapered	3700	UR9/CA/HD-T-1030-20
10	4	1	2-7/16	4-1/4	2-7/16	-	5000	UR9/CA/HD-00-1040-31
10	4	1	2-7/16	4-1/4	1-1/4	Roller	5000	UR9/CA/HD-R-1040-20
10	4	1	2-7/16	4-1/4	1-1/2	Roller	5000	UR9/CA/HD-R-1040-24
10	4	1	2.437	4-1/4	1	Tapered	5000	UR9/CA/HD-T-1040-16
10	4	1	2.327	4-1/4	1-1/4	Tapered	5000	UR9/CA/HD-T-1040-20

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

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## PREMIUM URETHANE / HEAVY DUTY CAST IRON - UR9/CA/HD

**Capacity Up to 5000 lbs.**



### Rollability

Thicker treads provide greater capacities and more cushioning. However, rollability is somewhat diminished.

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
12	3	1	1-15/16	3-1/4	1-15/16	-	4125	UR9/CA/HD-00-1230-31
12	3	1	1-15/16	3-1/4	1	Roller	4125	UR9/CA/HD-R-1230-16
12	3	1	1-15/16	3-1/4	1-1/4	Roller	4125	UR9/CA/HD-R-1230-16
12	3	1	1.780	3-1/4	3/4	Tapered	4125	UR9/CA/HD-T-1230-12
12	3	1	1.980	3-1/4	1	Tapered	4125	UR9/CA/HD-T-1230-16
12	3	1	2.327	3-1/4	1-1/4	Tapered	4125	UR9/CA/HD-T-1230-20
<hr/>								
12	4	1	2-7/16	4-1/4	2-7/16	-	5500	UR9/CA/HD-00-1240-31
12	4	1	2-7/16	4-1/4	1-1/4	Roller	5500	UR9/CA/HD-R-1240-20
12	4	1	2-7/16	4-1/4	1-1/2	Roller	5500	UR9/CA/HD-R-1240-24
12	4	1	2.437	4-1/4	1	Tapered	5500	UR9/CA/HD-T-1240-16
12	4	1	2.327	4-1/4	1-1/4	Tapered	5500	UR9/CA/HD-T-1240-20
<hr/>								
12	5	1	2-7/16	5-1/4	2-7/16	-	6250	UR9/CA/HD-00-1250-31
12	5	1	2-7/16	5-1/4	1-1/4	Roller	6250	UR9/CA/HD-R-1250-20
12	5	1	2-7/16	5-1/4	1-1/2	Roller	6250	UR9/CA/HD-R-1250-24
12	5	1	2.437	5-1/4	1	Tapered	6250	UR9/CA/HD-T-1250-16
12	5	1	2.437	5-1/4	1-1/4	Tapered	6250	UR9/CA/HD-T-1250-20
12	5	1	2.717	5-1/4	1-1/2	Tapered	6250	UR9/CA/HD-T-1250-24
<hr/>								
12	6	1	2-7/16	6-1/4	2-7/16	-	7500	UR9/CA/HD-00-1260-31
12	6	1	2-7/16	6-1/4	1-1/4	Roller	7500	UR9/CA/HD-R-1260-20
12	6	1	2-7/16	6-1/4	1-1/2	Roller	7500	UR9/CA/HD-R-1260-24
12	6	1	2-7/16	6-1/4	1	Tapered	7500	UR9/CA/HD-T-1260-16
12	6	1	2.437	6-1/4	1-1/4	Tapered	7500	UR9/CA/HD-T-1260-20
12	6	1	2.717	6-1/4	1-1/2	Tapered	7500	UR9/CA/HD-T-1260-24
12	6	1	3.187	6-1/4	2	Tapered	7500	UR9/CA/HD-T-1260-32

## PREMIUM URETHANE PALLET ROLLERS



### Pallet Rollers

Pallet rollers are liquid cast premium urethane chemically bonded to centers machined from cast gray iron or steel. These specials are top quality American made rollers that are designed to save money in the long run. All centers are counter-bored to customer specifications. Consult Acorn™ for sizes and availability.

**PREMIUM URETHANE / CAST IRON CORE - UR9/CA**

**Capacity Up to 1650 lbs.**



Most versatile and cost effective industrial wheel on the market. Liquid cast and chemically bonded to a Class 30 solid web cast iron center. The tread is resistant to most chemicals, protects floors, is quiet, has great load bearing, wears like iron, and is non-marking and non-sparking. Variety of bearings including the easy rolling ball bearing setup.

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

**Wheel Options**

- Extra hard tread
- Debris resistant tread
- Special bores
- Special bearings
- Special widths or hub lengths
- Ultra thick tread
- Soft cushioned tread
- Keyways/set screws
- Higher capacities
- **Liquid Cast Tread:** Wheels are liquid cast premium urethane, chemically bonded to durable cast iron centers.
- **Solid Web Casting:** Most centers have a solid web design which affords greater strength and allows easier cleaning.
- **Unique Crown Tread:** The unique crown tread design with no-parting-line affords optimum rollability and comes standard in most sizes with widths of 1 1/2", 2", 2 1/2", and 3". Please specify if flat tread is desired.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
3	1-1/2	1/4	1-3/16	1-5/8	1-3/16	-	400	UR9/CA-00-0315-19
3	1-1/2	1/4	1-3/16	1-5/8	3/4	Roller	400	UR9/CA-R-0315-12
3	1-1/2	1/4	1-3/16	1-5/8	1/2	Roll./Span.	400	UR9/CA-RS-0315-08
3	1-1/2	1/4	1.378	1-5/8	1/2	Prec. Ball	400	UR9/CA-P-0315-08
3	1-1/2	1/4	1.375	1-5/8	1/2	Tapered	400	UR9/CA-T-0315-08
3	2	1/4	1-3/16	2-3/16	1-3/16	-	500	UR9/CA-00-0320-19
3	2	1/4	1-3/16	2-3/16	3/4	Roller	500	UR9/CA-RO-0320-12
3	2	1/4	1-3/16	2-3/16	1/2	Roll./Span.	500	UR9/CA-RS-0320-08
3	2	1/4	1.378	2-3/16	1/2	Prec. Ball	500	UR9/CA-P-0320-08
3	2	1/4	1.375	2-3/16	1/2	Tapered	500	UR9/CA-T-0320-08
3-1/4	1-1/2	3/8	1-3/16	1-5/8	1-3/16	-	450	UR9/CA-00-3215-19
3-1/4	1-1/2	3/8	1-3/16	1-5/8	3/4	Roller	450	UR9/CA-R-3215-12
3-1/4	1-1/2	3/8	1-3/16	1-5/8	1/2	Roll./Span.	450	UR9/CA-RS-3215-08
3-1/4	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	450	UR9/CA-P-3215-08
3-1/4	1-1/2	3/8	1.375	1-5/8	1/2	Tapered	450	UR9/CA-T-3215-08
3-1/4	2	3/8	1-3/16	2-3/16	1-3/16	-	550	UR9/CA-00-3220-19
3-1/4	2	3/8	1-3/16	2-3/16	3/4	Roller	550	UR9/CA-R-3220-12
3-1/4	2	3/8	1-3/16	2-3/16	1/2	Roll./Span.	550	UR9/CA-RS-3220-08
3-1/4	2	3/8	1.378	2-3/16	1/2	Prec. Ball	550	UR9/CA-P-3220-08
3-1/4	2	3/8	1.375	2-3/16	1/2	Tapered	550	UR9/CA-T-3220-08
4	1-1/2	3/8	1-3/16	1-5/8	1-3/16	-	675	UR9/CA-00-0415-19
4	1-1/2	3/8	1-3/16	1-5/8	3/4	Roller	675	UR9/CA-R-0415-12
4	1-1/2	3/8	1-3/16	1-5/8	1/2	Roll./Span.	675	UR9/CA-RS-0415-08
4	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	675	UR9/CA-P-0415-08
4	1-1/2	3/8	1.375	1-5/8	1/2	Tapered	675	UR9/CA-T-0415-08
4	2	3/8	1-3/16	2-3/16	1-3/16	-	750	UR9/CA-00-0420-19
4	2	3/8	1-3/16	2-3/16	3/4	Roller	750	UR9/CA-R-0420-12
4	2	3/8	1-3/16	2-3/16	1/2	Roll./Span.	750	UR9/CA-RS-0420-08
4	2	3/8	1.378	2-3/16	1/2	Prec. Ball	750	UR9/CA-P-0420-08
4	2	3/8	1.375	2-3/16	1/2	Tapered	750	UR9/CA-T-0420-08
4	3-1/4	3/8	1-15/16	3-1/4	1-15/16	-	1275	UR9/CA-00-0432-31
4	3-1/4	3/8	1-15/16	3-1/4	1	Roller	1275	UR9/CA-R-0432-16
4	3-1/4	3/8	1-15/16	3-1/4	3/4	Roll./Span.	1275	UR9/CA-RS-0432-12
4	3-1/4	3/8	1-15/16	3-1/4	1-1/4	Roller	1275	UR9/CA-R-0432-20
4	3-1/4	3/8	1-15/16	3-1/4	1	Roll./Span.	1275	UR9/CA-RS-0432-16
4	3-1/4	3/8	2.044	3-1/4	3/4	Prec. Ball	1275	UR9/CA-P-0432-12
4	3-1/4	3/8	1.780	3-1/4	3/4	Tapered	1275	UR9/CA-T-0432-12
4	3-1/4	3/8	1.980	3-1/4	1	Tapered	1275	UR9/CA-T-0432-16
4	3-1/4	3/8	2.327	3-1/4	1-1/4	Tapered	1275	UR9/CA-T-4032-20
4	4-1/4	3/8	1-15/16	4-1/4	1-15/16	-	1650	UR9/CA-00-4042-31
4	4-1/4	3/8	1-15/16	4-1/4	1	Roller	1650	UR9/CA-R-4042-16
4	4-1/4	3/8	1-15/16	4-1/4	3/4	Roll./Span.	1650	UR9/CA-RS-4042-12
4	4-1/4	3/8	1-15/16	4-1/4	1-1/4	Roller	1650	UR9/CA-R-4042-20
4	4-1/4	3/8	1-15/16	4-1/4	1	Roll./Span.	1650	UR9/CA-RS-4042-16
4	4-1/4	3/8	1.780	4-1/4	3/4	Tapered	1650	UR9/CA-T-4042-12
4	4-1/4	3/8	1.980	4-1/4	1	Tapered	1650	UR9/CA-T-4042-16
4	4-1/4	3/8	2.327	4-1/4	1-1/4	Tapered	1650	UR9/CA-T-4042-20

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## PREMIUM URETHANE / CAST IRON CORE - UR9/CA

**Capacity Up to 2150 lbs.**



• **Retaining Washers:** All wheels with roller bearings are shipped standard with flat metal retaining washers. Tri-washers are available on 3/4" roller bearing wheels at no extra charge.

• **Keyways:** Most premium urethane wheels with iron centers can be supplied with a keyway and/or set screws as an option.

• **Capacities:** Capacities listed are based on the use of our standard 95A premium urethane tread. Other urethane compounds available including 70D extra hard that increases capacity substantially.

### FOR MORE EXTREME CAPACITY

**APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
5	1-1/2	3/8	1-3/16	1-5/8	1-3/16	-	700	UR9/CA-00-0515-19
5	1-1/2	3/8	1-3/16	1-5/8	3/4	Roller	700	UR9/CA-R-0515-12
5	1-1/2	3/8	1-3/16	1-5/8	1/2	Rol./Span.	700	UR9/CA-RS-0515-08
5	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	700	UR9/CA-P-0515-08
5	1-1/2	3/8	1.375	1-5/8	1/2	Tapered	700	UR9/CA-T-0515-08
5	2	3/8	1-3/16	2-3/16	1-3/16	-	1050	UR9/CA-00-0520-19
5	2	3/8	1-3/16	2-3/16	3/4	Roller	1050	UR9/CA-R-0520-12
5	2	3/8	1-3/16	2-3/16	1/2	Rol./Span.	1050	UR9/CA-RS-0520-08
5	2	3/8	1-7/16	2-1/4	1-7/16	-	1050	UR9/CA-00-0520-23
5	2	3/8	1-7/16	2-1/4	1	Roller	1050	UR9/CA-R-0520-16
5	2	3/8	1.575	2-1/4	1/2	Prec. Ball	1050	UR9/CA-P-0520-08
5	2	3/8	1.375	2-1/4	1/2	Tapered	1050	UR9/CA-T-0520-08
5	2	3/8	1.780	2-1/4	3/4	Tapered	1050	UR9/CA-T-0520-12
5	2-1/2	3/8	1-5/16	2-3/4	1-15/16	-	1325	UR9/CA-00-0525-31
5	2-1/2	3/8	1-5/16	2-3/4	1	Roller	1325	UR9/CA-R-0525-16
5	2-1/2	3/8	1-5/16	2-3/4	3/4	Rol./Span.	1325	UR9/CA-RS-0525-12
5	2-1/2	3/8	1-5/16	2-3/4	1-1/4	Roller	1325	UR9/CA-R-0525-20
5	2-1/2	3/8	1-5/16	2-3/4	1	Rol./Span.	1325	UR9/CA-RS-0525-16
5	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1325	UR9/CA-P-0525-12
5	2-1/2	3/8	1.780	2-3/4	3/4	Tapered	1325	UR9/CA-T-0525-12
5	2-1/2	3/8	1.980	2-3/4	1	Tapered	1325	UR9/CA-T-0525-16
5	3	3/8	1-15/16	3-1/4	1-15/16	-	1550	UR9/CA-00-0530-31
5	3	3/8	1-15/16	3-1/4	1	Roller	1550	UR9/CA-R-0530-16
5	3	3/8	1-15/16	3-1/4	3/4	Rol./Span.	1550	UR9/CA-RS-0530-12
5	3	3/8	1-15/16	3-1/4	1-1/4	Roller	1550	UR9/CA-R-0530-20
5	3	3/8	1-15/16	3-1/4	1	Rol./Span.	1550	UR9/CA-RS-0530-16
5	3	3/8	2.044	3-1/4	3/4	Prec. Ball	1550	UR9/CA-P-0530-12
5	3	3/8	1.780	3-1/4	3/4	Tapered	1550	UR9/CA-T-0530-12
5	3	3/8	1.980	3-1/4	1	Tapered	1550	UR9/CA-T-0530-16
5	4-1/4	7/8	1-15/16	4-1/4	1-15/16	-	2150	UR9/CA-00-0542-31
5	4-1/4	7/8	1-15/16	4-1/4	1	Roller	2150	UR9/CA-R-0542-16
5	4-1/4	7/8	1-15/16	4-1/4	3/4	Rol./Span.	2150	UR9/CA-RS-0542-12
5	4-1/4	7/8	1-15/16	4-1/4	1-1/4	Roller	2150	UR9/CA-R-0542-20
5	4-1/4	7/8	1-15/16	4-1/4	1	Rol./Span.	2150	UR9/CA-RS-0542-16
5	4-1/4	7/8	1.780	4-1/4	3/4	Tapered	2150	UR9/CA-T-0542-12
5	4-1/4	7/8	1.980	4-1/4	1	Tapered	2150	UR9/CA-T-0542-16
5	4-1/4	7/8	2.327	4-1/4	1-1/4	Tapered	2150	UR9/CA-T-0542-20
6	1-1/2	3/8	1-3/16	1-5/8	1-3/16	-	850	UR9/CA-00-0615-19
6	1-1/2	3/8	1-3/16	1-5/8	3/4	Roller	850	UR9/CA-R-0615-16
6	1-1/2	3/8	1-3/16	1-5/8	1/2	Rol./Span.	850	UR9/CA-RS-0615-08
6	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	850	UR9/CA-P-0615-08
6	1-1/2	3/8	1.375	1-5/8	1/2	Tapered	850	UR9/CA-T-0615-08

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**PREMIUM URETHANE / CAST IRON CORE - UR9/CA**

**Capacity Up to 3100 lbs.**



• **Ball Bearings:** Easy-rolling sealed precision grade ball bearings with T-bushing setup is available on most sizes. See page 19 for complete listing.

• **Liquid Cast:** Urethane Wheels are “liquid cast”—not injection molded, resulting in a much more durable wheel.

• **Grease Fittings:** Grease fittings are standard on wheels 5” diameter and larger.

• **Washer Seals:** Washer seals are available as an option.

• **Alternate Bore Sizes:** Non-standard bore sizes are available on most sizes.

• **Tapered Bearings:** All tapered roller bearing wheels come complete with seals and spacers.

**FOR MORE EXTREME CAPACITY**

**APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
6	2	3/8	1-3/16	2-3/16	1-3/16	-	1250	UR9/CA-00-0620-19
6	2	3/8	1-3/16	2-3/16	3/4	Roller	1250	UR9/CA-R-0620-12
6	2	3/8	1-3/16	2-3/16	1/2	Roll/Span.	1250	UR9/CA-RS-0620-08
6	2	3/8	1.575	2-3/16	1/2	Prec. Ball	1250	UR9/CA-P-0620-08
6	2	3/8	1.375	2-1/4	1/2	Tapered	1250	UR9/CA-T-0620-08
6	2	3/8	1-7/16	2-1/4	1-7/16	-	1250	UR9/CA-00-0620-23
6	2	3/8	1-7/16	2-1/4	1	Roller	1250	UR9/CA-R-0620-16
6	2	3/8	1-15/16	2-1/4	1-1/4	Roller	1250	UR9/CA-R-0620-20
6	2	3/8	1.780	2-1/4	3/4	Tapered	1250	UR9/CA-T-0620-12
6	2	3/8	1.980	2-1/4	1	Tapered	1250	UR9/CA-T-0620-16
6	2-1/2	3/8	1-15/16	2-3/4	1-15/16	-	1625	UR9/CA-00-0625-31
6	2-1/2	3/8	1-15/16	2-3/4	1	Roller	1625	UR9/CA-R-0625-16
6	2-1/2	3/8	1-15/16	2-3/4	3/4	Roll/Span.	1625	UR9/CA-RS-0625-12
6	2-1/2	3/8	1-15/16	2-3/4	1-1/4	Roller	1625	UR9/CA-R-0625-20
6	2-1/2	3/8	1-15/16	2-3/4	1	Roll/Span.	1625	UR9/CA-RS-0625-16
6	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1625	UR9/CA-P-0625-12
6	2-1/2	3/8	1.780	2-3/4	3/4	Tapered	1625	UR9/CA-T-0625-12
6	2-1/2	3/8	1.980	2-3/4	1	Tapered	1625	UR9/CA-T-0625-16
6	3	1/2	1-15/16	3-1/4	1-15/16	-	2200	UR9/CA-00-0630-31
6	3	1/2	1-15/16	3-1/4	1	Roller	2200	UR9/CA-R-0630-16
6	3	1/2	1-15/16	3-1/4	3/4	Roll/Span.	2200	UR9/CA-RS-0630-12
6	3	1/2	1-15/16	3-1/4	1-1/4	Roller	2200	UR9/CA-R-0630-20
6	3	1/2	1-15/16	3-1/4	1	Roll/Span.	2200	UR9/CA-RS-0630-16
6	3	1/2	2.044	3-1/4	3/4	Prec. Ball	2200	UR9/CA-P-0630-12
6	3	1/2	1.780	3-1/4	3/4	Tapered	2200	UR9/CA-T-0630-12
6	3	1/2	1.980	3-1/4	1	Tapered	2200	UR9/CA-T-0630-16
6	4	1/2	2-7/16	4-1/4	2-7/16	-	3100	UR9/CA-00-0640-39
6	4	1/2	2-7/16	4-1/4	1-1/4	Roller	3100	UR9/CA-R-0640-20
6	4	1/2	2-7/16	4-1/4	1	Roll/Span.	3100	UR9/CA-RS-0640-16
6	4	1/2	2-7/16	4-1/4	1-1/2	Roller	3100	UR9/CA-R-0640-24
6	4	1/2	2.437	4-1/4	1	Tapered	3100	UR9/CA-T-0640-16
6	4	1/2	2.327	4-1/4	1-1/4	Tapered	3100	UR9/CA-T-0640-20
7	2	3/8	1-3/16	2-3/16	1-3/16	-	1350	UR9/CA-00-0720-19
7	2	3/8	1-3/16	2-3/16	3/4	Roller	1350	UR9/CA-R-0720-12
7	2	3/8	1-3/16	2-3/16	1/2	Roll/Span.	1350	UR9/CA-RS-0720-08
7	2	3/8	1.378	2-3/16	1/2	Prec. Ball	1350	UR9/CA-P-0720-08
7	2	3/8	1.375	2-1/4	1/2	Tapered	1350	UR9/CA-T-0720-08
7	2	3/8	1-7/16	2-1/4	1-7/16	-	1400	UR9/CA-00-0720-23
7	2	3/8	1-7/16	2-1/4	1	Roller	1400	UR9/CA-R-0720-16
7	2	1/2	1.780	2-1/4	3/4	Tapered	1500	UR9/CA-T-0720-12
7	2	1/2	1.980	2-1/4	1	Tapered	1500	UR9/CA-T-0720-16
7	2-1/2	3/8	1-15/16	2-3/4	1-15/16	-	1750	UR9/CA-00-0725-31
7	2-1/2	3/8	1-15/16	2-3/4	1	Roller	1750	UR9/CA-R-0725-16
7	2-1/2	3/8	1-15/16	2-3/4	3/4	Roll/Span.	1750	UR9/CA-RS-0725-12
7	2-1/2	3/8	1-15/16	2-3/4	1-1/4	Roller	1750	UR9/CA-R-0725-20
7	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1750	UR9/CA-P-0725-12
7	2-1/2	3/8	1.780	2-3/4	3/4	Tapered	1750	UR9/CA-T-0725-12
7	2-1/2	3/8	1.980	2-3/4	1	Tapered	1750	UR9/CA-T-0725-16

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## PREMIUM URETHANE / CAST IRON CORE - UR9/CA

**Capacity Up to 2500 lbs.**



- **Abrasion Resistance:** Premium urethane tired wheels have up to 5 or more times the abrasion resistance of rubber wheels.
- **Roll Easily:** Urethane Wheels start and roll much more easily than rubber under heavy loads.
- **Non-Marking:** Urethane Wheels are non-marking regardless of color.
- **Operating Temperature:** Operating temperature range for these standard Urethane Wheels is -20° to 200° F. intermittent, 0° to 180° F. continuous. Special urethanes are available that are more suitable for higher/lower temperature applications.

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
7	3	1/2	1-15/16	3-1/4	1-15/16	-	1950	UR9/CA-00-0730-31
7	3	1/2	1-15/16	3-1/4	1	Roller	1950	UR9/CA-R-0730-16
7	3	1/2	1-15/16	3-1/4	3/4	Rol./Span.	1950	UR9/CA-RS-0730-12
7	3	1/2	1-15/16	3-1/4	1-1/4	Roller	1950	UR9/CA-R-0730-20
7	3	1/2	2.044	3-1/4	3/4	Prec. Ball	1950	UR9/CA-P-0730-12
7	3	1/2	1.780	3-1/4	3/4	Tapered	1950	UR9/CA-T-0730-12
7	3	1/2	1.980	3-1/4	1	Tapered	1950	UR9/CA-T-0730-16
8	2	3/8	1-3/16	2-3/16	1-3/16	-	1550	UR9/CA-00-0820-23
8	2	3/8	1-3/16	2-3/16	3/4	Roller	1550	UR9/CA-R-0820-12
8	2	3/8	1-3/16	2-3/16	1/2	Rol./Span.	1550	UR9/CA-RS-0820-08
8	2	3/8	1.575	2-3/16	1/2	Prec. Ball	1550	UR9/CA-P-0820-08
8	2	3/8	1.375	2-1/4	1/2	Tapered	1550	UR9/CA-T-0820-08
8	2	3/8	1-7/16	2-1/4	1-7/16	-	1550	UR9/CA-00-0820-23
8	2	3/8	1-7/16	2-1/4	1	Roller	1550	UR9/CA-R-0820-12
8	2	3/8	1.780	2-1/4	3/4	Tapered	1550	UR9/CA-T-0820-12
8	2	3/8	1.980	2-1/4	1	Tapered	1550	UR9/CA-T-0820-16
8	2-1/2	3/8	1-3/16	2-3/4	1-3/16	-	1950	UR9/CA-00-0825-19
8	2-1/2	3/8	1-3/16	2-3/4	3/4	Roller	1950	UR9/CA-R-0825-12
8	2-1/2	3/8	1-3/16	2-3/4	1/2	Rol./Span.	1950	UR9/CA-RS-0825-08
8	2-1/2	3/8	1.375	2-3/4	1/2	Tapered	1950	UR9/CA-T-0825-08
8	2-1/2	3/8	1-15/16	2-3/4	1-15/16	-	1950	UR9/CA-00-0825-31
8	2-1/2	3/8	1-15/16	2-3/4	1	Roller	1950	UR9/CA-R-0825-16
8	2-1/2	3/8	1-15/16	2-3/4	3/4	Rol./Span.	1950	UR9/CA-RS-0825-12
8	2-1/2	3/8	1-15/16	2-3/4	1-1/4	Roller	1950	UR9/CA-R-0825-20
8	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1950	UR9/CA-P-0825-12
8	2-1/2	3/8	1.780	2-3/4	3/4	Tapered	1950	UR9/CA-T-0825-12
8	2-1/2	3/8	1.980	2-3/4	1	Tapered	1950	UR9/CA-T-0825-16
8	2-1/2	3/8	1-15/16	3-1/4	1-15/16	-	1950	UR9/CA-00-0825-31
8	2-1/2	3/8	1-15/16	3-1/4	1	Roller	1950	UR9/CA-R-0825-16
8	2-1/2	3/8	1-15/16	3-1/4	3/4	Rol./Span.	1950	UR9/CA-RS-0825-12
8	2-1/2	3/8	1-15/16	3-1/4	1-1/4	Roller	1950	UR9/CA-R-0825-20
8	2-1/2	3/8	1-15/16	3-1/4	1	Rol./Span.	1950	UR9/CA-RS-0825-16
8	2-1/2	3/8	2.044	3-1/4	3/4	Prec. Ball	1950	UR9/CA-P-0825-12
8	2-1/2	3/8	1.780	3-1/4	3/4	Tapered	1950	UR9/CA-T-0825-12
8	2-1/2	3/8	1.980	3-1/4	1	Tapered	1950	UR9/CA-T-0825-16
8	3	1/2	1-15/16	3-1/4	1-15/16	-	2500	UR9/CA-00-0830-31
8	3	1/2	1-15/16	3-1/4	1	Roller	2500	UR9/CA-R-0830-16
8	3	1/2	1-15/16	3-1/4	3/4	Rol./Span.	2500	UR9/CA-RS-0830-12
8	3	1/2	1-15/16	3-1/4	1-1/4	Roller	2500	UR9/CA-R-0830-20
8	3	1/2	1-15/16	3-1/4	1	Rol./Span.	2500	UR9/CA-RS-0830-16
8	3	1/2	2.044	3-1/4	3/4	Prec. Ball	2500	UR9/CA-P-0830-12
8	3	1/2	1.780	3-1/4	3/4	Tapered	2500	UR9/CA-T-0830-12
8	3	1/2	1.980	3-1/4	1	Tapered	2500	UR9/CA-T-0830-16
8	3	1/2	2-7/16	3-1/4	2-7/16	-	2500	UR9/CA-00-0830-39
8	3	1/2	2-7/16	3-1/4	1-1/4	Roller	2500	UR9/CA-R-0830-20
8	3	1/2	2-7/16	3-1/4	1-1/2	Roller	2500	UR9/CA-R-0830-24
8	3	1/2	2.327	3-1/4	1-1/4	Tapered	2500	UR9/CA-T-0830-20

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

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**PREMIUM URETHANE / CAST IRON CORE - UR9/CA**

**Capacity Up to 3200 lbs.**



- **Wet Conditions:** This offers special premium urethane treads for constant wet or moist conditions. Consult Acorn™.
- **Non-Sparking:** Urethane treads are non-sparking and non-conductive.
- **Noise Reduction:** Also available with softer premium urethane treads which significantly reduce noise in most applications.
- **Cast Iron:** Cast iron has a minimum tensile strength of 30,000 PSI.

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
8	4	1/2	1-15/16	4-1/4	1-15/16	-	3200	UR9/CA-00-0840-31
8	4	1/2	1-15/16	4-1/4	1	Roller	3200	UR9/CA-R-0840-16
8	4	1/2	1-15/16	4-1/4	3/4	Rol./Span.	3200	UR9/CA-RS-0840-12
8	4	1/2	1-15/16	4-1/4	1-1/4	Roller	3200	UR9/CA-R-0840-20
8	4	1/2	1-15/16	4-1/4	1	Rol./Span.	3200	UR9/CA-RS-0840-20
8	4	1/2	1.780	4-1/4	3/4	Tapered	3200	UR9/CA-T-0840-12
8	4	1/2	1.980	4-1/4	1	Tapered	3200	UR9/CA-T-0840-16
8	4	1/2	2-7/16	4-1/4	2-7/16	-	3200	UR9/CA-00-0840-39
8	4	1/2	2-7/16	4-1/4	1-1/4	Roller	3200	UR9/CA-R-0840-20
8	4	1/2	2-7/16	4-1/4	1-1/2	Roller	3200	UR9/CA-R-0840-24
8	4	1/2	2.327	4-1/4	1-1/4	Tapered	3200	UR9/CA-T-0840-20
9	2	1/2	1-3/16	2-3/16	1-3/16	-	1800	UR9/CA-00-0920-19
9	2	1/2	1-3/16	2-3/16	3/4	Roller	1800	UR9/CA-R-0920-12
9	2	1/2	1-3/16	2-3/16	1/2	Rol./Span.	1800	UR9/CA-RS-0920-08
9	2	1/2	1.378	2-3/16	1/2	Prec. Ball	1800	UR9/CA-P-0920-08
9	2	1/2	1.375	2-3/16	1/2	Tapered	1800	UR9/CA-T-0920-08
9	2	1/2	1-15/16	2-1/4	1-15/16	-	1800	UR9/CA-00-0920-31
9	2	1/2	1-15/16	2-1/4	1	Roller	1800	UR9/CA-R-0920-16
9	2	1/2	1.780	2-1/4	3/4	Tapered	1800	UR9/CA-T-0920-12
9	2	1/2	1.980	2-1/4	1	Tapered	1800	UR9/CA-T-0920-16
9	2-1/2	1/2	1-15/16	2-3/4	1-15/16	-	2150	UR9/CA-00-0925-31
9	2-1/2	1/2	1-15/16	2-3/4	1	Roller	2150	UR9/CA-R-0925-31
9	2-1/2	1/2	1-15/16	2-3/4	3/4	Rol./Span.	2150	UR9/CA-RS-0925-12
9	2-1/2	1/2	1-15/16	2-3/4	1-1/4	Roller	2150	UR9/CA-R-0925-20
9	2-1/2	1/2	2.044	2-3/4	3/4	Prec. Ball	2150	UR9/CA-R-0925-12
9	2-1/2	1/2	1.780	2-3/4	3/4	Tapered	2150	UR9/CA-R-0925-12
9	2-1/2	1/2	1.980	2-3/4	1	Tapered	2150	UR9/CA-R-0925-16
9	3	1/2	1-15/16	3-1/4	1-15/16	-	2600	UR9/CA-00-0930-31
9	3	1/2	1-15/16	3-1/4	1	Roller	2600	UR9/CA-R-0930-16
9	3	1/2	1-15/16	3-1/4	3/4	Rol./Span.	2600	UR9/CA-RS-0930-12
9	3	1/2	1-15/16	3-1/4	1-1/4	Roller	2600	UR9/CA-R-0930-20
9	3	1/2	2.044	3-1/4	3/4	Prec. Ball	2600	UR9/CA-P-0930-12
9	3	1/2	1.780	3-1/4	3/4	Tapered	2600	UR9/CA-T-0930-12
9	3	1/2	1.980	3-1/4	1	Tapered	2600	UR9/CA-T-0930-16
10	2-1/2	1/2	1-15/16	2-3/4	1-15/16	-	2500	UR9/CA-00-1025-31
10	2-1/2	1/2	1-15/16	2-3/4	1	Roller	2500	UR9/CA-R-1025-16
10	2-1/2	1/2	1-15/16	2-3/4	3/4	Rol./Span.	2500	UR9/CA-RS-1025-12
10	2-1/2	1/2	1-15/16	2-3/4	1-1/4	Roller	2500	UR9/CA-R-1025-20
10	2-1/2	1/2	1-15/16	2-3/4	1	Rol./Span.	2500	UR9/CA-RS-1025-16
10	2-1/2	1/2	2.044	2-3/4	3/4	Prec. Ball	2500	UR9/CA-P-1025-12
10	2-1/2	1/2	1.780	2-3/4	3/4	Tapered	2500	UR9/CA-T-1025-12
10	2-1/2	1/2	1.980	2-3/4	1	Tapered	2500	UR9/CA-T-1025-16

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

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## PREMIUM URETHANE / CAST IRON CORE - UR9/CA

**Capacity Up to 5000 lbs.**



• **Constant Rotation:** Capacities are based on intermittent use. Constant rotation reduces capacities.

• **Bearing Lubrication:** Bearings require additional lubrication prior to use.

• **Chemical Resistance:** Urethane Wheels are resistant to most chemicals, solvents, and detergents.

• **Increased Capacities:** Harder poly treads, available in all sizes, increase stated capacity substantially. Please consult Acorn™.

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
10	3	1/2	1-15/16	3-1/4	1-15/16	-	3000	UR9/CA-00-1030-31
10	3	1/2	1-15/16	3-1/4	1	Roller	3000	UR9/CA-R-1030-16
10	3	1/2	1-15/16	3-1/4	3/4	Rol./Span.	3000	UR9/CA-RS-1030-12
10	3	1/2	1-15/16	3-1/4	1-1/4	Roller	3000	UR9/CA-R-1030-20
10	3	1/2	1-15/16	3-1/4	1	Rol./Span.	3000	UR9/CA-RS-1030-16
10	3	1/2	2.044	3-1/4	3/4	Prec. Ball	3000	UR9/CA-P-1030-12
10	3	1/2	1.780	3-1/4	3/4	Tapered	3000	UR9/CA-T-1030-12
10	3	1/2	1.980	3-1/4	1	Tapered	3000	UR9/CA-T-1030-16
10	3	1/2	2-7/16	3-1/4	2-7/16	-	3000	UR9/CA-00-1030-39
10	3	1/2	2-7/16	3-1/4	1-1/4	Roller	3000	UR9/CA-R-1030-20
10	3	1/2	2-7/16	3-1/4	1-1/2	Roller	3000	UR9/CA-R-1030-24
10	3	1/2	2.327	3-1/4	1-1/4	Tapered	3000	UR9/CA-T-1030-20
10	4	1/2	2-7/16	4-1/4	2-7/16	-	4200	UR9/CA-00-1040-39
10	4	1/2	2-7/16	4-1/4	1-1/4	Roller	4200	UR9/CA-R-1040-20
10	4	1/2	2-7/16	4-1/4	1-1/2	Roller	4200	UR9/CA-R-1040-24
10	4	1/2	2.437	4-1/4	1	Tapered	4200	UR9/CA-T-1040-16
10	4	1/2	2.327	4-1/4	1-1/4	Tapered	4200	UR9/CA-T-1040-20
10	4	1	1-15/16	4-1/4	1-15/16	-	4500	UR9/CA-00-1040-31
10	4	1	1-15/16	4-1/4	1	Roller	4500	UR9/CA-R-1040-16
10	4	1	1-15/16	4-1/4	1-1/4	Roller	4500	UR9/CA-R-1040-20
10	4	1	1.937	4-1/4	3/4	Tapered	4500	UR9/CA-T-1040-12
10	4	1	1.980	4-1/4	1	Tapered	4500	UR9/CA-T-1040-16
10	5	1/2	2-7/16	5-1/4	2-7/16	-	5000	UR9/CA-00-1050-39
10	5	1/2	2-7/16	5-1/4	1-1/4	Roller	5000	UR9/CA-R-1050-20
10	5	1/2	2-7/16	5-1/4	1-1/2	Roller	5000	UR9/CA-R-1050-24
10	5	1/2	2.437	5-1/4	1	Tapered	5000	UR9/CA-T-1050-16
10	5	1/2	2.327	5-1/4	1-1/4	Tapered	5000	UR9/CA-T-1050-20
10	5	1	2-7/16	5-1/4	2-7/16	-	5700	UR9/CA-00-1050-39
10	5	1	2-7/16	5-1/4	1-1/4	Roller	5700	UR9/CA-R-1050-20
10	5	1	2-7/16	5-1/4	1-1/2	Roller	5700	UR9/CA-R-1050-24
10	5	1	2.437	5-1/4	1	Tapered	5700	UR9/CA-T-1050-16
10	5	1	2.327	5-1/4	1-1/4	Tapered	5700	UR9/CA-T-1050-20
10	5	1	2.717	5-1/4	1-1/2	Tapered	5700	UR9/CA-T-1050-24
12	2-1/2	1/2	1-5/16	2-3/4	1-5/16	-	2800	UR9/CA-00-1225-21
12	2-1/2	1/2	1-5/16	2-3/4	1	Roller	2800	UR9/CA-R-1225-16
12	2-1/2	1/2	1-5/16	2-3/4	3/4	Rol./Span.	2800	UR9/CA-RS-1225-12
12	2-1/2	1/2	1-5/16	2-3/4	1-1/4	Roller	2800	UR9/CA-R-1225-20
12	2-1/2	1/2	1-5/16	2-3/4	1	Rol./Span.	2800	UR9/CA-RS-1225-16
12	2-1/2	1/2	2.044	2-3/4	3/4	Prec. Ball	2800	UR9/CA-P-1225-12
12	2-1/2	1/2	1.780	2-3/4	3/4	Tapered	2800	UR9/CA-T-1225-12
12	2-1/2	1/2	1.980	2-3/4	1	Tapered	2800	UR9/CA-T-1225-16
12	2-1/2	1/2	1-5/16	3-1/4	1-5/16	-	2800	UR9/CA-00-1225-21
12	2-1/2	1/2	1-5/16	3-1/4	1	Roller	2800	UR9/CA-R-1225-16
12	2-1/2	1/2	1-5/16	3-1/4	3/4	Rol./Span.	2800	UR9/CA-RS-1225-12
12	2-1/2	1/2	1-5/16	3-1/4	1-1/4	Roller	2800	UR9/CA-R-1225-20
12	2-1/2	1/2	1-5/16	3-1/4	1	Rol./Span.	2800	UR9/CA-RS-1225-16
12	2-1/2	1/2	2.044	3-1/4	3/4	Prec. Ball	2800	UR9/CA-P-1225-12
12	2-1/2	1/2	1.780	3-1/4	3/4	Tapered	2800	UR9/CA-T-1225-12
12	2-1/2	1/2	1.980	3-1/4	1	Tapered	2800	UR9/CA-T-1225-16

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**PREMIUM URETHANE / CAST IRON CORE - UR9/CA**

**Capacity Up to 7800 lbs.**



• **Ultra Thick Treads:** Ultra thick treads are available on all sizes. Thicker tread provides more cushioning and greater capacity in most applications.

• **Precision Ball Bearings:** All 1-1/2" to 3" wide wheels are available with sealed precision grade ball bearings and T-bushing set-up.

• **Three Tread Colors:** Three colors of premium urethane to choose from at no additional cost—green, red or blue. Green tread is our standard and is most readily available from stock. Other colors are available.

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
12	3	1/2	1-5/16	3-1/4	1-5/16	-	3500	UR9/CA-00-1230-21
12	3	1/2	1-5/16	3-1/4	1	Roller	3500	UR9/CA-R-1230-16
12	3	1/2	1-5/16	3-1/4	3/4	Rol./Span.	3500	UR9/CA-RS-1230-12
12	3	1/2	1-5/16	3-1/4	1-1/4	Roller	3500	UR9/CA-R-1230-20
12	3	1/2	1-5/16	3-1/4	1	Rol./Span.	3500	UR9/CA-RS-1230-16
12	3	1/2	2.044	3-1/4	3/4	Prec. Ball	3500	UR9/CA-P-1230-12
12	3	1/2	1.780	3-1/4	3/4	Tapered	3500	UR9/CA-T-1230-12
12	3	1/2	1.980	3-1/4	1	Tapered	3500	UR9/CA-T-1230-16
12	3	1/2	2-7/16	3-1/4	2-7/16	-	3500	UR9/CA-00-1230-39
12	3	1/2	2-7/16	3-1/4	1-1/4	Roller	3500	UR9/CA-R-1230-20
12	3	1/2	2-7/16	3-1/4	1-1/2	Roller	3500	UR9/CA-R-1230-24
12	3	1/2	2.327	3-1/4	1-1/4	Tapered	3500	UR9/CA-T-1230-20
12	3-1/2	1/2	2-7/16	4-1/4	2-7/16	-	4200	UR9/CA-00-1235-39
12	3-1/2	1/2	2-7/16	4-1/4	1-1/4	Roller	4200	UR9/CA-R-1235-20
12	3-1/2	1/2	2-7/16	4-1/4	1-1/2	Roller	4200	UR9/CA-R-1235-24
12	3-1/2	1/2	2.437	4-1/4	1	Tapered	4200	UR9/CA-T-1235-16
12	3-1/2	1/2	2.327	4-1/4	1-1/4	Tapered	4200	UR9/CA-T-1235-20
12	4	1/2	2-7/16	4-1/4	2-7/16	-	4800	UR9/CA-00-1240-39
12	4	1/2	2-7/16	4-1/4	1-1/4	Roller	4800	UR9/CA-R-1240-20
12	4	1/2	2-7/16	4-1/4	1-1/2	Roller	4800	UR9/CA-R-1240-24
12	4	1/2	2.437	4-1/4	1	Tapered	4800	UR9/CA-T-1240-16
12	4	1/2	2.327	4-1/4	1-1/4	Tapered	4800	UR9/CA-T-1240-20
12	5	1/2	2-7/16	5-1/4	2-7/16	-	6000	UR9/CA-00-1250-39
12	5	1/2	2-7/16	5-1/4	1-1/4	Roller	6000	UR9/CA-R-1250-20
12	5	1/2	2-7/16	5-1/4	1-1/2	Roller	6000	UR9/CA-R-1250-24
12	5	1/2	2.437	5-1/4	1	Tapered	6000	UR9/CA-T-1250-16
12	5	1/2	2.327	5-1/4	1-1/4	Tapered	6000	UR9/CA-T-1250-20
12	6	1	2-7/16	6-1/4	2-7/16	-	7800	UR9/CA-00-1260-39
12	6	1	2-7/16	6-1/4	1-1/4	Roller	7800	UR9/CA-R-1260-20
12	6	1	2-7/16	6-1/4	1-1/2	Roller	7800	UR9/CA-R-1260-24
12	6	1	2.437	6-1/4	1	Tapered	7800	UR9/CA-T-1260-16
12	6	1	2.437	6-1/4	1-1/4	Tapered	7800	UR9/CA-T-1260-20
12	6	1	2.717	6-1/4	1-1/2	Tapered	7800	UR9/CA-T-1260-24
12	6	1	3.187	6-1/4	2	Tapered	7800	UR9/CA-T-1260-32
14	2-1/2	1	1-5/16	2-3/4	1-5/16	-	3000	UR9/CA-00-1425-21
14	2-1/2	1	1-5/16	2-3/4	1	Roller	3000	UR9/CA-R-1425-16
14	2-1/2	1	1-5/16	2-3/4	3/4	Rol./Span.	3000	UR9/CA-RS-1425-12
14	2-1/2	1	1-5/16	2-3/4	1-1/4	Roller	3000	UR9/CA-R-1425-20
14	2-1/2	1	1-5/16	2-3/4	1	Rol./Span.	3000	UR9/CA-RS-1425-16
14	2-1/2	1	2.044	2-3/4	3/4	Prec. Ball	3000	UR9/CA-P-1425-12
14	2-1/2	1	1.780	2-3/4	3/4	Tapered	3000	UR9/CA-T-1425-12
14	2-1/2	1	1.980	2-3/4	1	Tapered	3000	UR9/CA-T-1425-16
14	3	1	1-5/16	3-1/4	1-5/16	-	3650	UR9/CA-00-1430-21
14	3	1	1-5/16	3-1/4	1	Roller	3650	UR9/CA-R-1430-16
14	3	1	1-5/16	3-1/4	3/4	Rol./Span.	3650	UR9/CA-R-1430-12
14	3	1	1-5/16	3-1/4	1-1/4	Roller	3650	UR9/CA-R-1430-20
14	3	1	1-5/16	3-1/4	1	Rol./Span.	3650	UR9/CA-R-1430-16
14	3	1	2.044	3-1/4	3/4	Prec. Ball	3650	UR9/CA-P-1430-12
14	3	1	1.780	3-1/4	3/4	Tapered	3650	UR9/CA-T-1430-12
14	3	1	1.980	3-1/4	1	Tapered	3650	UR9/CA-T-1430-16
14	3	1	2.327	3-1/4	1-1/4	Tapered	3650	UR9/CA-T-1430-20

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## PREMIUM URETHANE / CAST IRON CORE - UR9/CA

**Capacity Up to 7700 lbs.**



- **Cast Iron:** All cast iron is Class 30 minimum and "Made in the U.S.A."
- **Metric Sizes:** Metric sized wheels available.
- **Tapered Bearings:** All tapered roller bearing wheels come complete with seals and spacers.
- **Alternate Bore Sizes:** Non-standard bore sizes are available on most wheels.
- **Tensile Strength:** The tensile strength of our standard premium urethane is 7400 PSI.

**FOR MORE EXTREME CAPACITY**  
**APPLICATIONS EXTRA HARD 70D PREMIUM**  
**URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A**  
**AND 70D DUROMETERS.**

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
14	5	1	2-7/16	5-1/4	2-7/16	-	5500	UR9/CA-00-1450-39
14	5	1	2-7/16	5-1/4	1-1/4	Roller	5500	UR9/CA-R-1450-20
14	5	1	2-7/16	5-1/4	1-1/2	Roller	5500	UR9/CA-R-1450-24
14	5	1	2.437	5-1/4	1	Tapered	5500	UR9/CA-T-1450-16
14	5	1	2.326	5-1/4	1-1/4	Tapered	5500	UR9/CA-T-1450-20
14	5	1	2.717	5-1/4	1-1/2	Tapered	5500	UR9/CA-T-1450-24
16	3	1	1-5/16	3-1/4	1-5/16	-	3750	UR9/CA-00-1630-21
16	3	1	1-5/16	3-1/4	1	Roller	3750	UR9/CA-R-1630-16
16	3	1	1-5/16	3-1/4	3/4	Rol./Span.	3750	UR9/CA-RS-1630-12
16	3	1	1-5/16	3-1/4	1-1/4	Roller	3750	UR9/CA-R-1630-20
16	3	1	1-5/16	3-1/4	1	Rol./Span.	3750	UR9/CA-RS-1630-16
16	3	1	2.044	3-1/4	3/4	Prec. Ball	4500	UR9/CA-P-1630-12
16	3	1	1.780	3-1/4	3/4	Tapered	4500	UR9/CA-T-1630-12
16	3	1	1.980	3-1/4	1	Tapered	4500	UR9/CA-T-1630-16
16	3	1	2-7/16	3-1/4	2-7/16	-	4500	UR9/CA-00-1630-39
16	3	1	2-7/16	3-1/4	1-1/4	Roller	4500	UR9/CA-R-1630-20
16	3	1	2-7/16	3-1/4	1-1/2	Roller	4500	UR9/CA-R-1630-24
16	3	1	2.437	3-1/4	1-1/4	Tapered	4500	UR9/CA-T-1630-20
16	4	1/2	2-7/16	4-1/4	2-7/16	-	5500	UR9/CA-00-1640-39
16	4	1/2	2-7/16	4-1/4	1-1/4	Roller	5500	UR9/CA-R-1640-20
16	4	1/2	2-7/16	4-1/4	1-1/2	Roller	5500	UR9/CA-R-1640-24
16	4	1/2	2.437	4-1/4	1	Tapered	5500	UR9/CA-T-1640-16
16	4	1/2	2.327	4-1/4	1-1/4	Tapered	5500	UR9/CA-T-1640-20
16	4	1	2-7/16	4-1/4	2-7/16	-	6000	UR9/CA-00-1640-39
16	4	1	2-7/16	4-1/4	1-1/4	Roller	6000	UR9/CA-R-1640-20
16	4	1	2-7/16	4-1/4	1-1/2	Roller	6000	UR9/CA-R-1640-24
16	4	1	2.437	4-1/4	1	Tapered	6000	UR9/CA-T-1640-16
16	4	1	2.327	4-1/4	1-1/4	Tapered	6000	UR9/CA-T-1640-20
16	5	1	2-7/16	5-1/4	2-7/16	-	7700	UR9/CA-00-1650-39
16	5	1	2-7/16	5-1/4	1-1/4	Roller	7700	UR9/CA-R-1650-20
16	5	1	2-7/16	5-1/4	1-1/2	Roller	7700	UR9/CA-R-1650-24
16	5	1	3-1/16	5-1/4	1-3/4	Roller	7700	UR9/CA-R-1650-28
16	5	1	3-1/4	5-1/4	2	Roller	7700	UR9/CA-R6-1650-32
16	5	1	2.437	5-1/4	1	Tapered	7700	UR9/CA-T-1650-16
16	5	1	2.437	5-1/4	1-1/4	Tapered	7700	UR9/CA-T-1650-20
16	5	1	2.717	5-1/4	1-1/2	Tapered	7700	UR9/CA-T-1650-24
18	3	1	2-7/16	3-1/4	2-7/16	-	4600	UR9/CA-00-1830-39
18	3	1	2-7/16	3-1/4	1-1/4	Roller	4600	UR9/CA-R-1830-20
18	3	1	2-7/16	3-1/4	1-1/2	Rol./Span.	4600	UR9/CA-RS3-1830-24
18	3	1	1.780	3-1/4	1-1/2	Tapered	4600	UR9/CA-T-1830-24
18	3	1	1.980	3-1/4	1-1/2	Tapered	4600	UR9/CA-T-1830-24
18	3	1	2.326	3-1/4	1-1/2	Tapered	4600	UR9/CA-T-1830-24
18	3	1	2-7/16	4-1/4	2-7/16	-	4600	UR9/CA-00-1830-39
18	3	1	2-7/16	4-1/4	1-1/4	Roller	4600	UR9/CA-R-1830-20
18	3	1	2-7/16	4-1/4	1-1/2	Roller	4600	UR9/CA-R-1830-24
18	3	1	1.780	4-1/4	1-1/2	Tapered	4600	UR9/CA-T-1830-24
18	3	1	1.980	4-1/4	1-1/2	Tapered	4600	UR9/CA-T-1830-24
18	3	1	2.326	4-1/4	1-1/2	Tapered	4600	UR9/CA-T-1830-24

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\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

**PREMIUM URETHANE / CAST IRON CORE - UR9/CA**

**Capacity Up to 9000 lbs.**



• **Special Premium Urethanes:** Choice of premium urethane hardness: 95A is standard and suitable for most applications; however, we offer a complete range of urethane types and hardness as options. (Non-standard compounds may extend delivery time.)

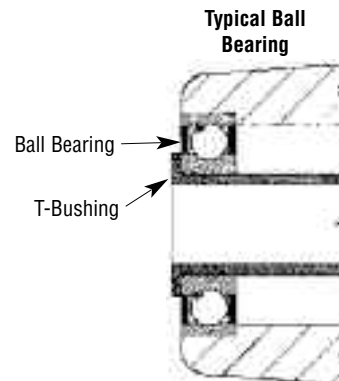
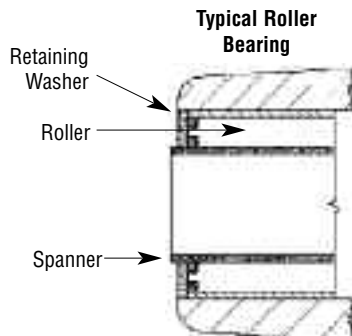
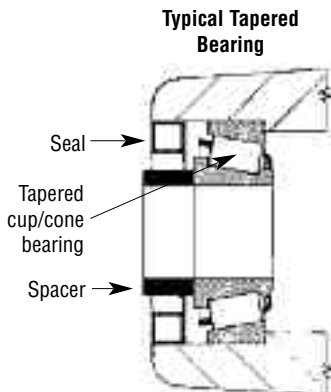
• **Three Tread Colors:** Three colors of premium urethane to choose from at no additional cost—green, red or blue. Green tread is our standard and is most readily available from stock. Other colors available.

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

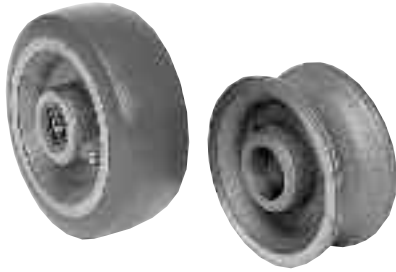
Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number*
18	3-1/2	1	2-7/16	4-1/4	2-7/16	-	5350	UR9/CA-00-1835-39
18	3-1/2	1	2-7/16	4-1/4	1-1/4	Roller	5350	UR9/CA-R-1835-20
18	3-1/2	1	2-7/16	4-1/4	1-1/2	Roller	5350	UR9/CA-R-1835-24
18	3-1/2	1	2.437	4-1/4	1	Tapered	5350	UR9/CA-T-1835-16
18	3-1/2	1	2.327	4-1/4	1-1/4	Tapered	5350	UR9/CA-T-1835-20
18	5	1	2-7/16	5-1/4	2-7/16	-	8400	UR9/CA-00-1850-39
18	5	1	2-7/16	5-1/4	1-1/4	Roller	8400	UR9/CA-R-1850-20
18	5	1	2-7/16	5-1/4	1-1/2	Roller	8400	UR9/CA-R-1850-24
18	5	1	3-1/16	5-1/4	1-3/4	Roller	8400	UR9/CA-R-1850-28
18	5	1	3-1/4	5-1/4	2	Roller	8400	UR9/CA-R-1850-32
18	5	1	2.437	5-1/4	1	Tapered	8400	UR9/CA-T-1850-16
18	5	1	2.437	5-1/4	1-1/4	Tapered	8400	UR9/CA-T-1850-20
18	5	1	2.717	5-1/4	1-1/4	Tapered	8400	UR9/CA-T-1850-20
18	5	1	3.187	5-1/4	2	Tapered	8400	UR9/CA-T-1850-32
20	3	1	2-7/16	3-1/4	2-7/16	-	5000	UR9/CA-00-2030-39
20	3	1	2-7/16	3-1/4	1	Roll./Span.	5000	UR9/CA-RS-2030-16
20	3	1	2-7/16	3-1/4	1-1/4	Roller	5000	UR9/CA-R-2030-20
20	3	1	2-7/16	3-1/4	1-1/2	Roller	5000	UR9/CA-R-2030-24
20	3	1	1.780	3-1/4	3/4	Tapered	5000	UR9/CA-T-2030-12
20	3	1	1.980	3-1/4	1	Tapered	5000	UR9/CA-T-2030-16
20	3	1	2.327	3-1/4	1-1/4	Tapered	5000	UR9/CA-T-2030-20
20	3	1	2-7/16	4-1/4	2-7/16	-	5000	UR9/CA-00-2030-39
20	3	1	2-7/16	4-1/4	1	Roll./Span.	5000	UR9/CA-RS-2030-16
20	3	1	2-7/16	4-1/4	1-1/4	Roller	5000	UR9/CA-R-2030-20
20	3	1	2-7/16	4-1/4	1-1/2	Roller	5000	UR9/CA-R-2030-24
20	3	1	1.780	4-1/4	3/4	Tapered	5000	UR9/CA-T-2030-12
20	3	1	1.980	4-1/4	1	Tapered	5000	UR9/CA-T-2030-16
20	3	1	2.327	4-1/4	1-1/4	Tapered	5000	UR9/CA-T-2030-20
20	5	1	2-7/16	5-1/4	2-7/16	-	9000	UR9/CA-00-2030-39
20	5	1	2-7/16	5-1/4	1-1/4	Roller	9000	UR9/CA-R-2030-20
20	5	1	2-7/16	5-1/4	1-1/2	Roller	9000	UR9/CA-R-2030-24
20	5	1	3-1/16	5-1/4	1-3/4	Roller	9000	UR9/CA-R-2030-28
20	5	1	3-1/4	5-1/4	2	Roller	9000	UR9/CA-R-2030-32
20	5	1	2.437	5-1/4	1	Tapered	9000	UR9/CA-T-2030-16
20	5	1	2.437	5-1/4	1-1/4	Tapered	9000	UR9/CA-T-2030-20
20	5	1	2.717	5-1/4	1-1/4	Tapered	9000	UR9/CA-T-2030-20
20	5	1	3.187	5-1/4	2	Tapered	9000	UR9/CA-T-2030-32

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore



## QUIETRIDE™ PREMIUM URETHANE / HEAVY DUTY IRON CORE - URQ9/CA/HD

**Capacity** Up to 3700 lbs.



Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub (in.)	Axle (in.)	Cap. (lbs.)	Part Number*
8	3	1	1-15/16	3-1/4	1-15/16	3500	URQ9/CA/HD-00-0830-31
8	3	1	1-15/16	3-1/4	1	3500	URQ9/CA/HD-R-0830-16
8	3	1	1-15/16	3-1/4	3/4	3500	URQ9/CA/HD-R-0830-12
8	3	1	1-15/16	3-1/4	1-1/4	3500	URQ9/CA/HD-R-0830-20
8	3	1	1.780	3-1/4	3/4	3500	URQ9/CA/HD-T-0830-12
8	3	1	1.980	3-1/4	1	3500	URQ9/CA/HD-T-0830-16
10	3	1	1-15/16	3-1/4	1-15/16	3700	URQ9/CA/HD-00-1030-31
10	3	1	1-15/16	3-1/4	1	3700	URQ9/CA/HD-R-1030-16
10	3	1	1-15/16	3-1/4	3/4	3700	URQ9/CA/HD-R-1030-12
10	3	1	1-15/16	3-1/4	1-1/4	3700	URQ9/CA/HD-R-1030-20
10	3	1	1.780	3-1/4	3/4	3700	URQ9/CA/HD-T-1030-12
10	3	1	1.980	3-1/4	1	3700	URQ9/CA/HD-T-1030-16

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

**QuietRide™:** Designed to roll more quietly than regular premium urethane on iron wheels, these heavy duty wheels were expressly designed to reduce the noise level of towed trailers in large automotive plants. Special Soft tread is available for further noise reduction and debris rejection.

**Concave Face:** The unique concave face of the casting concentrates the compression of the urethane toward the centerline of the tread. This innovation simulates the cushioning benefits of a thicker, softer tread, but provides the same durability and long life as our other heavy duty wheels.

**Automotive Industry:** Thousands of QUIET RIDE™ wheels are currently in use in the automotive industry, where they have met with great approval for successfully contributing to quieter plant environments.

**Mechanical Lock:** In addition to the chemical bond of the tread tire, the concave face of the casting gives an additional mechanical lock.

## PREMIUM URETHANE / FORGED STEEL CORE - UR9/FS

**Capacity** Up to 5500 lbs.



Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Capacity (lbs.)	Part Number*
8	3	1	1.780	3-1/4	3/4	Tapered	3500	UR9/FS-T-0830-12
8	3	1	1.980	3-1/4	1	Tapered	3500	UR9/FS-T-0830-16
8	3	1	2.327	3-1/4	1-1/4	Tapered	3500	UR9/FS-T-0830-20
8	3	1	2.717	3-1/4	1-1/2	Tapered	3500	UR9/FS-T-0830-24
10	3	1	1.780	3-1/4	3/4	Tapered	3700	UR9/FS-T-1030-12
10	3	1	1.980	3-1/4	1	Tapered	3700	UR9/FS-T-1030-16
10	4	1	2.437	4-1/4	1	Tapered	5000	UR9/FS-T-1040-16
10	4	1	2.437	4-1/4	1-1/4	Tapered	5000	UR9/FS-T-1040-20
10	4	1	2.717	4-1/4	1-1/2	Tapered	5000	UR9/FS-T-1040-24
12	4	1	2.437	4-1/4	1	Tapered	5500	UR9/FS-T-1240-16
12	4	1	2.437	4-1/4	1-1/4	Tapered	5500	UR9/FS-T-1240-20
12	4	1	2.717	4-1/4	1-1/2	Tapered	5500	UR9/FS-T-1240-24

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

**Extra Thick Tread:** One inch thick tread is standard in all sizes. Provides greater load bearing and cushioning.

**Standard Features:** Grease seals, spacers and lube fittings standard on all models.

**Forged Steel Center:** Virtually indestructible wheel center combined with extra thick tread and tapered roller bearings makes an unparalleled “bullet proof” combination for severe applications that require a resilient tread.

**Non-standard Treads:** Tread can be modified to fit various applications such as greater load capacity or debris rejection.

**Extreme Capacity:** Available with extra hard premium urethane for greatest capacities. Consult Acorn™ for details.

## PREMIUM URETHANE / IRON CORE / PRECISION BALL BEARINGS - UR9/CA

Capacity Up to 4500 lbs.



**Premium Urethane on Iron with Precision Ball Bearings.** An easy rolling, low maintenance workhorse of a wheel. The “sealed for life” precision grade ball bearings never need lubrication and the T-bushing setup allows the user to tighten down the axle without constricting the inner race. Greatly improved rollability solves many ergonomic problems. Frequently, this results in reduced workplace injuries.

### Wheel Options

- Extra hard tread
- Debris resistant tread
- Double bearings
- Soft cushioned tread
- Extra rollability tread
- **Even Better Rollability:** Also available in special urethanes that can further improve rollability by as much as 40%.
- **Debris/Chip Resistant:** All sizes are available with a special compound that effectively resists debris and chips.
- **Crown Tread:** No-parting-line crown tread is standard on most sizes from 4” to 12” diameter.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number
3	1-1/2	1/4	1.378	1-5/8	1/2	Prec. Ball	400	UR9/CA-P-0315-08
3	2	1/4	1.378	2-3/16	1/2	Prec. Ball	500	UR9/CA-P-0320-08
3-1/4	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	450	UR9/CA-P-0315-08
3-1/4	2	3/8	1.378	2-3/16	1/2	Prec. Ball	550	UR9/CA-P-0320-08
4	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	675	UR9/CA-P-0415-08
4	2	3/8	1.378	2-3/16	1/2	Prec. ball	750	UR9/CA-P-0420-08
4	3-1/4	3/8	2.044	3-1/4	3/4	Prec. ball	1275	UR9/CA-P-0432-12
5	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	700	UR9/CA-P-0515-08
5	2	3/8	1.575	2-3/16	1/2	Prec. Ball	1050	UR9/CA-P-0520-08
5	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1325	UR9/CA-P-0525-12
5	3	3/8	2.044	3-1/4	3/4	Prec. Ball	1550	UR9/CA-P-0530-12
6	1-1/2	3/8	1.378	1-5/8	1/2	Prec. Ball	855	UR9/CA-P-0615-08
6	2	3/8	1.575	2-3/16	1/2	Prec. Ball	1250	UR9/CA-P-0620-08
6	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1650	UR9/CA-P-0625-12
6	2-1/2	3/8	2.044	3-1/4	3/4	Prec. Ball	1650	UR9/CA-P-0625-12
6	3	1/2	2.044	3-1/4	3/4	Prec. Ball	2200	UR9/CA-P-0630-12
7	2	3/8	1.375	2-3/16	1/2	Prec. Ball	1350	UR9/CA-P-0720-08
7	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1750	UR9/CA-P-0725-12
7	3	1/2	2.044	3-1/4	3/4	Prec. Ball	1950	UR9/CA-P-0730-12
8	2	3/8	1.575	3-3/16	1/2	Prec. Ball	1550	UR9/CA-P-0820-08
8	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1950	UR9/CA-P-0825-12
8	2-1/2	3/8	2.044	3-1/4	3/4	Prec. Ball	1950	UR9/CA-P-0825-12
8	3	1/2	2.044	3-1/4	3/4	Prec. Ball	2500	UR9/CA-P-0830-12
9	2	1/2	1.378	2-3/16	1/2	Prec. Ball	1800	URP3-P1-0920-08
9	2-1/2	1/2	2.044	2-3/4	3/4	Prec. Ball	2150	UR9/CA-P-0925-12
9	3	1/2	2.044	3-1/4	3/4	Prec. Ball	2600	UR9/CA-P-0930-12
10	2-1/2	1/2	2.044	2-3/4	3/4	Prec. Ball	2500	UR9/CA-P-1025-12
10	3	1/2	2.044	3-1/4	3/4	Prec. Ball	3000	UR9/CA-P-1030-12
12	2-1/2	1/2	2.044	2-3/4	3/4	Prec. Ball	2800	UR9/CA-P-1225-12
12	2-1/2	1/2	2.044	3-1/4	3/4	Prec. Ball	2800	UR9/CA-P-1225-12
12	3	1/2	2.044	3-1/4	3/4	Prec. Ball	3500	UR9/CA-P-1230-12
14	2-1/2	1	2.044	2-3/4	3/4	Prec. Ball	3000	UR9/CA-P-1425-12
14	3	1	2.044	3-1/4	3/4	Prec. Ball	3650	UR9/CA-P-1430-12
16	3	1	2.044	3-1/4	3/4	Prec. Ball	4500	UR9/CA-P-1630-12

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

## PREMIUM URETHANE / ALUMINUM CORE - UR9/AL

**Capacity Up to 3500 lbs.**



- **Liquid Cast:** Wheels are “liquid cast” premium urethane chemically bonded to aluminum centers. Castings have a solid web design which provides greater strength and easy cleanability.
- **Additional Sizes:** Additional sizes are available. Please consult the factory.
- **Crown or Flat Tread:** All poly on aluminum wheels are available with a unique no-parting-line crown tread or flat tread (except 10x2 which is available in flat tread only).

**FOR MORE EXTREME CAPACITY APPLICATIONS EXTRA HARD 70D PREMIUM URETHANE TREADS ARE RECOMMENDED.**

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A AND 70D DUROMETERS.**

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number
4	2	3/8	1-3/16	2-3/16	1-3/16	-	750	UR9/AL-00-0420-19
4	2	3/8	1-3/16	2-3/16	3/4	Roller	750	UR9/AL-R-0420-12
5	2	3/8	1-3/16	2-3/16	1-3/16	-	1000	UR9/AL-00-0520-19
5	2	3/8	1-3/16	2-3/16	3/4	Roller	1000	UR9/AL-R-0520-12
6	2	3/8	1-3/16	2-3/16	1-3/16	-	1200	UR9/AL-00-0620-19
6	2	3/8	1-3/16	2-3/16	3/4	Roller	1200	UR9/AL-R-0620-12
6	2-1/2	3/8	1-15/16	2-3/4	1-15/16	-	1625	UR9/AL-00-0625-31
6	2-1/2	3/8	1-15/16	2-3/4	1	Roller	1625	UR9/AL-R-0625-16
6	2-1/2	3/8	1-15/16	2-3/4	1-1/4	Roller	1625	UR9/AL-R-0625-20
6	2-1/2	3/8	2.044	2-3/4	3/4	Prec. Ball	1625	UR9/AL-P-0625-12
6	2-1/2	3/8	1.780	2-3/4	3/4	Tapered	1625	UR9/AL-T-0625-12
6	2-1/2	3/8	1.980	2-3/4	1	Tapered	1625	UR9/AL-T-0625-16
8	2	3/8	1-3/16	2-3/16	1-3/16	-	1550	UR9/AL-00-0820-19
8	2	3/8	1-3/16	2-3/16	3/4	Roller	1550	UR9/AL-R-0820-12
8	3	1/2	1-15/16	3-1/4	1-15/16	-	2500	UR9/AL-00-0830-31
8	3	1/2	1-15/16	3-1/4	1	Roller	2500	UR9/AL-R-0830-16
8	3	1/2	1-15/16	3-1/4	1-1/4	Roller	2500	UR9/AL-R-0830-20
8	3	1/2	2.044	3-1/4	3/4	Prec. Ball	2500	UR9/AL-P-0830-12
8	3	1/2	1.780	3-1/4	3/4	Tapered	2500	UR9/AL-T-0830-12
8	3	1/2	1.980	3-1/4	1	Tapered	2500	UR9/AL-T-0830-16
10	2	3/8	1-3/16	2-3/16	1-3/16	-	1800	UR9/AL-00-1020-19
10	2	3/8	1-3/16	2-3/16	3/4	Roller	1800	UR9/AL-R-1020-12
10	2	3/8	1-7/16	2-3/16	1-7/16	-	1800	UR9/AL-00-1020-12
10	2	3/8	1-7/16	2-3/16	1	Roller	1800	UR9/AL-R-1020-16
10	2	3/8	1.575	2-3/16	1/2	Prec. Ball	1800	UR9/AL-P-1020-08
10	2	3/8	1.375	2-3/16	1/2	Tapered	1800	UR9/AL-T-1020-08
10	3	1/2	1-15/16	3-1/4	1-15/16	-	3000	UR9/AL-00-1030-31
10	3	1/2	1-15/16	3-1/4	1	Roller	3000	UR9/AL-R-1030-16
10	3	1/2	1-15/16	3-1/4	1-1/4	Roller	3000	UR9/AL-R-1030-20
10	3	1/2	2.044	3-1/4	3/4	Prec. Ball	3000	UR9/AL-P-1030-12
10	3	1/2	1.780	3-1/4	3/4	Tapered	3000	UR9/AL-T-1030-12
10	3	1/2	1.980	3-1/4	1	Tapered	3000	UR9/AL-T-1030-16
12	3	1/2	1-15/16	3-1/4	1-15/16	-	3500	UR9/AL-00-1230-31
12	3	1/2	1-15/16	3-1/4	1	Roller	3500	UR9/AL-R-1230-16
12	3	1/2	1-15/16	3-1/4	1-1/4	Roller	3500	UR9/AL-R-1230-20
12	3	1/2	2.044	3-1/4	3/4	Prec. Ball	3500	UR9/AL-P-1230-12
12	3	1/2	1.780	3-1/4	3/4	Tapered	3500	UR9/AL-T-1230-12
12	3	1/2	1.980	3-1/4	1	Tapered	3500	UR9/AL-T-1230-12

\*R = Roller Bearing, T = Tapered Bearing, P = Precision Bearing, 00 = Plain Bore

## PREMIUM URETHANE / ALUMINUM CORE / DONUT TREAD - UR9/AL/DT

**Capacity** Up to 1100 lbs.



**Donut Tread Urethane Wheels** are ergonomically designed with rollability in mind. These premium polyurethane wheels are standard with crowned treads, sealed precision ball bearings and top had reducing bushings for optimum rollability. These wheels will perform well in both manual and power-towed material handling applications. They are available in four different tread durometers (hardness) and color coded for easy identification.

### Features:

- 6" & 8" polyurethane treads are both mechanically and chemically bonded to die-cast aluminum cores. This dual bonding process presents tread separation, which is the most common reason for polyurethane tread failure.
- 4" & 5" polyurethane treads are chemically bonded only
- Bell bushings (2) are included with each wheel to hold 6203 2RS precision bearings in hub.
- Longer life
- Superior rollability
- Excellent floor protection - Non-marking
- Resistance to most chemicals and oils
- Temperature range -40° to +180°F

Wheel Part Number	Dia. (in.)	Width (in.)	Capacity (lbs)	Bearing Bore (in.)	Hub Length (in.)	Approx. Wt. (lbs)
<b>Polyurethane Gray 70A with Precision Ball Bearings — 1/2" Axle — 2-1/2" Hub Length</b>						
UR9/AL/DT-0420-70A	4	2	300	1/2	2-7/16	3
UR9/AL/DT-0520-70A	5	2	400	1/2	2-7/16	4
UR9/AL/DT-0620-70A	6	2	550	1/2	2-7/16	5
UR9/AL/DT-0820-70A	8	2	700	1/2	2-7/16	6

<b>Polyurethane Red 82A with Precision Ball Bearings — 1/2" Axle — 2-1/2" Hub Length</b>						
UR9/AL/DT-0420-82A	4	2	400	1/2	2-7/16	3
UR9/AL/DT-0520-82A	5	2	525	1/2	2-7/16	4
UR9/AL/DT-0620-82A	6	2	650	1/2	2-7/16	5
UR9/AL/DT-0820-82A	8	2	850	1/2	2-7/16	6

<b>Polyurethane Blue 95A with Precision Ball Bearings — 1/2" Axle — 2-1/2" Hub Length</b>						
UR9/AL/DT-0420-95A	4	2	400	1/2	2-7/16	3
UR9/AL/DT-0520-95A	5	2	600	1/2	2-7/16	4
UR9/AL/DT-0620-95A	6	2	800	1/2	2-7/16	5
UR9/AL/DT-0820-95A	8	2	950	1/2	2-7/16	6

<b>Polyurethane Gray 60D with Precision Ball Bearings — 1/2" Axle — 2-1/2" Hub Length</b>						
UR9/AL/DT-0420-60D	4	2	500	1/2	2-7/16	3
UR9/AL/DT-0520-60D	5	2	750	1/2	2-7/16	4
UR9/AL/DT-0620-60D	6	2	1000	1/2	2-7/16	5
UR9/AL/DT-0820-60D	8	2	1100	1/2	2-7/16	6

Load capacities are for tow loads of 5-8 mph

For manual loads at 1-3 mph, multiply ratings above by 1.20

**ALL WHEELS AVAILABLE IN 70A, 80A, 95A, 70D AND 60D DUROMETERS.**

### COLOR-CODED HARDNESS SYSTEM:

**Black:** 70A (+/- 5) Durometer

**Red:** 82A (+/- 5) Durometer

**Blue:** 95A (+/- 5) Durometer

**Gray:** 60D (+/- 5) Durometer

## PREMIUM URETHANE / SWIVEL-EAZ® - URD/SWE

**Capacity Up to 5600 lbs.**



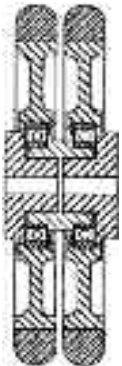
### Swivel-EAZ® Wheels with Urethane Tread

A one-of-a-kind split outer tread wheel, the Swivel-EAZ® is the ultimate solution for the many industries searching to satisfy all of the ergonomic requirements and standards within today's environment. The technological design greatly reduces turning and rolling resistance on swivel, rigid and fixed axle systems.

### Features

- Independent Swivel Surfaces
- Reduces Rolling Resistance
- Minimizes Initial Start Forces
- Prolongs the Life of the Swivel Caster
- Eliminates the Need for Costly Dual-Wheel Casters
- Carries 2x the Load of Standard Size Wheels with Similar Tread Hardness
- Offered in 4 Different Tread Hardness and Compounds to Fit Your Needs
- Maintenance-Free for Longer Life
- Non-Marking, High-Performance Elastomer Treads

### Patented SWE® Design



**URD-SWE-820-CRN Wheels  
Kingpinless HD Caster Rig**

Wheel Part Number*	Dia. (in.)	Width (in.)	Capacity 70A (lbs)	Capacity 80A (lbs)	Capacity 95A (lbs)	Capacity 60D (lbs)
<b>Flat Tread with Precision Ball Bearings — 1/2" Axle — 2-1/2" Hub Length</b>						
URD/SWE-320-FT	3	2	N/A	560	720	800
URD/SWE-420-FT	4	2	500	700	900	1000
URD/SWE-520-FT	5	2	200	1050	1400	1550
URD/SWE-620-FT	6	2	900	1400	1900	2200
URD/SWE-820-FT	8	2	1400	2300	3000	3500

<b>Crown Tread with Precision Ball Bearings — 1/2" Axle — 2-1/2" Hub Length</b>						
URD/SWE-320-CRN	3	2	N/A	320	400	520
URD/SWE-420-CRN	4	2	300	400	500	800
URD/SWE-520-CRN	5	2	450	650	800	1050
URD/SWE-620-CRN	6	2	600	900	1100	1300
URD/SWE-820-CRN	8	2	1100	1800	2400	2700

<b>Flat Tread with Precision Ball Bearings — 3/4" Axle — 3" Hub Length</b>						
URD/SWE-625-FT	6	2-1/2	900	1400	1900	2200
URD/SWE-825-FT	8	2-1/2	1400	2300	3000	3500

<b>Crown Tread with Precision Ball Bearings — 3/4" Axle — 3" Hub Length</b>						
URD/SWE-625-CRN	6	2-1/2	600	900	1100	1300
URD/SWE-825-CRN	8	2-1/2	1000	1800	2400	2700

<b>Flat Tread with Precision Ball Bearings — 3/4" Axle — 3-1/2" Hub Length</b>						
URD/SWE-630-FT-3/4	6	3	900	1400	1900	2200
URD/SWE-830-FT-3/4	8	3	1400	2300	3000	3500
URD/SWE-1030-FT-3/4	10*	3	2200	3700	4800	5600

\*10-inch wheel available with 3/4, 1 or 1-1/4 inch axle

<b>Crown Tread with Precision Ball Bearings — 3/4" Axle — 3-1/2" Hub Length</b>						
URD/SWE-630-CRN-3/4	6	3	600	900	1100	1300
URD/SWE-830-CRN-3/4	8	3	1100	1800	2400	2700
URD/SWE-1030-CRN-3/4	10*	3	2200	3700	4800	5600

\*10-inch wheel available with 3/4, 1 or 1-1/4 inch axle

<b>HD Triple Wheel with Precision Ball Bearings — 3/4" Axle — 3-1/2" Hub Length</b>						
HD-SWE-830-FT/FT/FT	8	3	1800	3000	3900	4550
HD-SWE-830-FT/CT/FT	8	3	1750	3000	3850	4500

\*When ordering, note durometer after the part number (ex: URD/SWE-320-FT-60D)

Load capacities are for tow loads of 5-8 mph

For manual loads at 1-3 mph, multiply ratings above by 1.20



## POLYURETHANE / THICK TREAD CAST IRON CORE - PY9/TT/CA

**Capacity** Up to 7700 lbs.



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores.

Polyurethane tread is chemically bonded to a cast iron core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

### Features

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat or crown tread
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F up to +180°F

### Wheel Options

- 80 Shore A durometer option available (15% capacity reduction). Provides more debris resistance. Butterscotch tread on black core.
- 70 Shore D durometer option available (20% capacity increase). Black tread on black core.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™.

\* R=Roller bearing, P=Precision Ball Bearing.  
T=Tapered Roller Bear

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number
6	3	2040	3-1/4	1-15/16	1	13-3/4	PY9/TT/CA-R-0630-16
6	3	2040	3-1/4	1-15/16	1-1/4	13-3/4	PY9/TT/CA-R-0630-12
6	3	2040	3-1/2	1-15/16	3/4	13-1/4	PY9/TT/CA-T-0630-12
6	3	2040	3-1/2	1.98	1	13-1/4	PY9/TT/CA-T-0630-16
8	2-1/2	2010	3-1/4	1-15/16	1	13	PY9/TT/CA-R-0825-16
8	2-1/2	2010	3-1/4	1-15/16	1-1/4	13	PY9/TT/CA-R-0825-10
8	2-1/2	2010	3-1/2	1-15/16	3/4	12-3/4	PY9/TT/CA-T-0825-12
8	3	2520	3-1/4	1-15/16	1	16	PY9/TT/CA-R-0830-16
8	3	2520	3-1/4	1-15/16	1-1/4	16	PY9/TT/CA-R-0830-20
8	3	2520	3-1/2	1-15/16	3/4	15-3/4	PY9/TT/CA-T-0830-12
8	3	2520	3-1/2	1.98	1	15-3/4	PY9/TT/CA-T-0830-16
8	4	3500	4-1/4	2-7/16	1-1/4	23-3/4	PY9/TT/CA-R-0840-20
8	4	3500	4-1/4	2-7/16	1-1/2	23-3/4	PY9/TT/CA-R-0840-24
8	4	3500	4-1/2	2-7/16	1	22-1/2	PY9/TT/CA-T-0840-16
8	4	3500	4-1/2	2-7/16	1-1/4	22-1/2	PY9/TT/CA-T-0840-20
10	2-1/2	2370	3-1/4	1-15/16	1	17-1/4	PY9/TT/CA-R-1025-16
10	2-1/2	2370	3-1/4	1-15/16	1-1/4	17-1/4	PY9/TT/CA-R-1025-20
10	3	3000	3-1/4	1-15/16	1	20-1/2	PY9/TT/CA-R-1030-116
10	3	3000	3-1/4	1-15/16	1-1/4	20-1/2	PY9/TT/CA-R-1030-20
10	3	3000	3-1/2	1-15/16	3/4	20	PY9/TT/CA-T-1030-12
10	3	3000	3-1/2	1.98	1	20	PY9/TT/CA-T-1030-16
10	3	3000	3-1/2	2.33	1-1/4	20	PY9/TT/CA-T-1030-20
10	4	4200	4-1/4	2-7/16	1-1/4	30-1/4	PY9/TT/CA-R-1040-20
10	4	4200	4-1/4	2-7/16	1-1/2	30-1/4	PY9/TT/CA-R-1040-24
10	4	4200	4-1/2	2-7/16	1	29	PY9/TT/CA-T-1040-16
10	4	4200	4-1/2	2-7/16	1-1/4	29	PY9/TT/CA-T-1040-20
10	5	5000	5-1/4	2-7/16	1-1/4	41-1/4	PY9/TT/CA-R-1050-20
10	5	5000	5-1/4	2-7/16	1-1/2	41-1/4	PY9/TT/CA-R-1050-24
10	5	5000	5-1/2	2-7/16	1	39-1/4	PY9/TT/CA-T-1050-16
10	5	5000	5-1/2	2-7/16	1-1/4	39-1/4	PY9/TT/CA-T-1050-20
12	3	3420	3-1/4	1-15/16	1	28-1/4	PY9/TT/CA-R-1230-16
12	3	3420	3-1/4	1-15/16	1-1/4	28-1/4	PY9/TT/CA-R-1230-12
12	3	3420	3-1/2	1-15/16	3/4	28	PY9/TT/CA-T-1230-12
12	3	3420	3-1/2	1.98	1	28	PY9/TT/CA-T-1230-16
12	3	3420	3-1/2	2.33	1-1/4	28	PY9/TT/CA-T-1230-20
12	4	4800	4-1/2	2-7/16	1-1/4	36-3/4	PY9/TT/CA-R-1240-20
12	4	4800	4-1/4	2-7/16	1-1/2	36-3/4	PY9/TT/CA-R-1240-24
12	4	4800	4-1/2	2-7/16	1	35-1/2	PY9/TT/CA-T-1240-16
12	4	4800	4-1/2	2-7/16	1-1/4	35-1/2	PY9/TT/CA-T-1240-20
12	5	6000	5-1/4	2-7/16	1-1/4	48	PY9/TT/CA-R-1250-20
12	5	6000	5-1/4	2-7/16	1-1/2	48	PY9/TT/CA-R-1250-24
12	5	6000	5-1/2	2-7/16	1	47	PY9/TT/CA-T-1250-16
12	5	6000	5-1/2	2-7/16	1-1/4	47	PY9/TT/CA-T-1250-20
12	6	7500	6-1/2	2.33	1-1/4	25-3/4	PY9/TT/CA-T-1260-20
16	3	4260	4-1/4	2-7/16	1-1/4	51	PY9/TT/CA-R-1630-20
16	3	4260	4-1/4	2-7/16	1-1/2	51	PY9/TT/CA-R-1630-24
16	3	4260	4-1/2	2-7/16	1	49-3/4	PY9/TT/CA-T-1630-16
16	3	4260	4-1/2	2-7/16	1-1/4	49-3/4	PY9/TT/CA-T-1630-20
16	4	5970	5-1/4	2-7/16	1-1/4	65	PY9/TT/CA-R-1640-20
16	4	5970	5-1/4	2-7/16	1-1/2	65	PY9/TT/CA-R-1640-24
16	4	5970	5-1/2	2-7/16	1-1/4	63	PY9/TT/CA-T-1640-20
16	5	7700	5-1/4	2-7/16	1-1/4	85	PY9/TT/CA-R-1650-20
16	5	7700	5-1/4	2-7/16	1-1/2	85	PY9/TT/CA-R-1650-24
16	5	7700	5-1/2	2-7/16	1-1/4	85	PY9/TT/CA-T-1650-20

## POLYURETHANE / CAST IRON PY9/CA & PH9/CA

**Capacity Up to 8400 lbs.**



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

### Features

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat or crown tread
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F up to +180 °F

### Wheel Options

- 80 Shore A durometer option available (15% capacity reduction) Butterscotch tread / black core.
- 70 Shore D durometer option available (20% capacity increase) Black tread / black core.
- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number
3-1/4	1-5/8	420	1-5/8	1-3/16	1/2	1	PY9/CA-R-3216/16-08
3-1/4	1-5/8	420	1-5/8	1-3/16	5/8	1	PY9/CA-R-3216/26-10
3-1/4	1-5/8	420	1-5/8	1-3/16	3/4	1	PY9/CA-R-3216/16-12
3-1/4	2-3/16	540	2-3/16	1-3/16	1/2	1-1/4	PY9/CA-R-3223/23-08
3-1/4	2-3/16	540	2-3/16	1-3/16	5/8	1-1/4	PY9/CA-R-3223/23-10
3-1/4	2-3/16	540	2-3/16	1-3/16	3/4	1-1/4	PY9/CA-R-3223/23-12
3-1/4	3-1/4	850	3-1/4	1-15/16	1	3	PY9/CA-R-3223/32-16
3-1/4	3-1/4	850	3-1/4	1-15/16	1-1/4	3	PY9/CA-R-3232/32-20
3-1/4	4-1/4	1100	4-1/4	1-15/16	1	3-3/4	PY9/CA-R-3242/42-16
3-1/4	4-1/4	1100	4-1/4	1-15/16	1-1/4	3-3/4	PY9/CA-R-3242/42-20
3-1/4	4-1/4	1100	4-1/2	1-15/16	3/4	3-3/4	PY9/CA-T-3242/45-12
5	2-1/2	1290	2-3/4	1-15/16	1	8	PY9/CA-R-0525/27-16
5	2-1/2	1290	3-1/4	1-15/16	1	8-1/2	PY9/CA-R-0525/32-16
5	2-1/2	1290	3-1/4	1-15/16	1-1/4	8-1/2	PY9/CA-R-0525/32-20
5	3	1530	3-1/4	1-15/16	1	9	PY9/CA-R-0530/32-16
5	3	1530	3-1/4	1-15/16	1-1/4	9	PY9/CA-R-0530/32-20
5	3	1530	3-1/2	1-15/16	3/4	8-1/2	PY9/CA-T-0530/35-12
6	1-1/2	840	1-5/8	1-3/16	1/2	4	PY9/CA-R-0615/16-08
6	1-1/2	840	1-5/8	1-3/16	5/8	4	PY9/CA-R-0615/16-10
6	1-1/2	840	1-5/8	1-3/16	3/4	4	PY9/CA-R-0615/16-12
6	2	1230	2-3/16	1-7/16	7/8	6	PY9/CA-R-0620/23-14
6	2	1230	2-3/16	1-7/16	1	6	PY9/CA-R-0620/23-16
6	2-1/2	1620	2-3/4	1-3/16	3/4	6-3/4	PY9/CA-R-0625/27-12
6	2-1/2	1620	2-3/4	1-15/16	1	11	PY9/CA-R-0625/27-16
6	2-1/2	1620	3-1/4	1-15/16	1	10-1/2	PY9/CA-R-0625/32-16
6	2-1/2	1620	3-1/4	1-15/16	1-1/4	10-1/2	PY9/CA-R-0625/32-20
6	2-1/2	1620	3-1/2	1-15/16	3/4	10-1/2	PY9/CA-T-0625/35-20
6	3	2040	3-1/4	1-15/16	1	13-3/4	PY9/CA-R-0630/32-16
6	3	2040	3-1/4	1-15/16	1-1/4	13-3/4	PY9/CA-R-0630/32-20
6	3	2040	3-1/2	1-15/16	3/4	13-1/4	PY9/CA-T-0630/35-12
6	3	2040	3-1/2	1.98	1	13-1/4	PY9/CA-T-0630/35-16
8	2-1/2	2010	3-1/4	1-15/16	1	13	PY9/CA-R-0825/32-16
8	2-1/2	2010	3-1/4	1-15/16	1-1/4	13	PY9/CA-R-0825/32-20
8	2-1/2	1800	2-3/4	1-15/16	1	13	PY9/CA-R-0825/32-16
8	2-1/2	1600	2-3/4	1-3/16	3/4	9-3/4	PY9/CA-R-0825/27-12
8	2-1/2	2010	3-1/2	1-15/16	3/4	12-3/4	PY9/CA-T-0825/35-12
8	3	2520	3-1/4	1-15/16	1	16	PY9/CA-R-0830/32-16
8	3	2520	3-1/4	1-15/16	1-1/4	16	PY9/CA-R-0830/32-20
8	3	2520	3-1/2	1-15/16	3/4	15-3/4	PY9/CA-T-0830/35-12
8	3	2520	3-1/2	1.98	1	15-3/4	PY9/CA-T-0830/35-16
8	3	2520	3-1/2	2.33	1-1/4	15-3/4	PY9/CA-T-0830/35-20
8	3	2520	3-1/4	2-7/16	1-1/4	15-1/2	PH9/CA-R-0830/32-20
8	3	2520	3-1/4	2-7/16	1-1/2	15-1/2	PH9/CA-R-0830/32-24
8	4	3500	4-1/4	2-7/16	1-1/4	23-3/4	PY9/CA-R-0840/42-20
8	4	3500	4-1/4	2-7/16	1-1/2	23-3/4	PY9/CA-R-0840/42-24
8	4	3500	4-1/2	2-7/16	1	22-1/2	PY9/CA-T-0840/45-16
8	4	3500	4-1/2	2-7/16	1-1/4	22-1/2	PY9/CA-T-0840/45-20
10	2-1/2	2370	3-1/4	1-15/16	1	17-1/4	PY9/CA-R-1025/32-16
10	2-1/2	2370	3-1/4	1-15/16	1-1/4	17-1/4	PY9/CA-R-1025/32-20
10	2-1/2	2370	2-3/4	1-15/16	1	17-1/2	PY9/CA-R-1025/27-16
10	3	3000	3-1/4	1-15/16	1	20-1/2	PY9/CA-R-1030/32-16
10	3	3000	3-1/4	1-15/16	1-1/4	20-1/2	PY9/CA-R-1030/32-20
10	3	3000	3-1/2	1-15/16	3/4	20	PY9/CA-T-1030/35-12
10	3	3000	3-1/2	1.98	1	20	PY9/CA-T-1030/35-16
10	3	3000	3-1/2	2.33	1-1/4	20	PH9/CA-T-1030/35-20
10	3	3000	3-1/4	2-7/16	1-1/4	19-3/4	PH9/CA-R-1030/32-20
10	3	3000	3-1/4	2-7/16	1-1/2	19-3/4	PY9/CA-R-1030/32-24

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## POLYURETHANE / CAST IRON PY9/CA & PH9/CA

**Capacity Up to 8400 lbs.**



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

### Features

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat or crown tread
- **Finish:** Green tread on black core
- **Temperature Range:** -40°F up to +180 °F

### Wheel Options

- 80 Shore A durometer option available (15% capacity reduction) Butterscotch tread / black core.
- 70 Shore D durometer option available (20% capacity increase) Black tread / black core.
- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
10	4	4200	4-1/4	2-7/16	1-1/4	30-1/4	PY9/CA-R-1040/42-20
10	4	4200	4-1/4	2-7/16	1-1/2	30-1/4	PY9/CA-R-1040/42-24
10	4	4200	4-1/2	2-7/16	1	29	PY9/CA-T-1040/45-16
10	4	4200	4-1/2	2-7/16	1-1/4	29	PY9/CA-R-1040/45-20
10	5	5000	5-1/4	2-7/16	1-1/4	41-1/4	PY9/CA-R-1050/52-20
10	5	5000	5-1/4	2-7/16	1-1/2	41-1/4	PY9/CA-R-1050/52-24
10	5	5000	5-1/2	2-7/16	1	39-1/4	PY9/CA-T-1050/55-16
10	5	5000	5-1/2	2-7/16	1-1/4	39-1/4	PY9/CA-T-1050/55-20
12	2-1/2	2700	3-1/4	1-15/16	1	22-3/4	PY9/CA-R-1225/32-16
12	2-1/2	2700	3-1/4	1-15/16	1-1/4	22-3/4	PY9/CA-R-1225/32-20
12	2-1/2	2700	2-3/4	1-15/16	1	22	PY9/CA-R-1225/27-16
12	3	3420	3-1/4	1-15/16	1	28-1/4	PY9/CA-R-1230/32-16
12	3	3420	3-1/4	1-15/16	1-1/4	28-1/4	PY9/CA-R-1230/32-20
12	3	3420	3-1/2	1-15/16	3/4	28	PY9/CA-T-1230/35-12
12	3	3420	3-1/2	1.98	1	28	PY9/CA-T-1230/35-16
12	3	3420	3-1/2	2.33	1-1/4	28	PY9/CA-T-1230/35-20
12	3	3420	3-1/4	2-7/16	1-1/4	27-1/2	PH9/CA-R-1230/32-20
12	3	3420	3-1/4	2-7/16	1-1/2	27-1/2	PH9/CA-R-1230/32-24
12	3-1/2	4110	4-1/4	2-7/16	1-1/4	31-1/2	PY9/CA-T-1235/42-20
12	3-1/2	4110	4-1/4	2-7/16	1-1/2	31-1/2	PY9/CA-R-1235/42-24
12	3-1/2	4110	4-1/2	2-7/16	1	30-1/2	PY9/CA-T-1235/45-16
12	3-1/2	4110	4-1/2	2-7/16	1-1/4	30-1/2	PY9/CA-T-1235/45-20
12	4	4800	4-1/4	2-7/16	1-1/4	36-3/4	PY9/CA-R-1240/42-20
12	4	4800	4-1/4	2-7/16	1-1/2	36-3/4	PY9/CA-R-1240/42-24
12	4	4800	4-1/2	2-7/16	1	35-1/2	PY9/CA-T-1240/45-16
12	4	4800	4-1/2	2-7/16	1-1/4	35-1/2	PY9/CA-T-1240/45-20
12	5	6000	5-1/4	2-7/16	1-1/4	48	PY9/CA-R-1250/52-20
12	5	6000	5-1/4	2-7/16	1-1/2	48	PY9/CA-R-1250/52-24
12	5	6000	5-1/2	2-7/16	1	47	PY9/CA-T-1250/55-16
12	5	6000	5-1/2	2-7/16	1-1/4	47	PY9/CA-T-1250/55-20
14	4	5000	4-1/4	2-7/16	1-1/4	48-1/2	PY9/CA-R-1440/42-20
14	4	5000	4-1/4	2-7/16	1-1/2	48-1/2	PY9/CA-R-1440/42-24
14	4	5000	4-1/2	2-7/16	1	47-1/2	PY9/CA-T-1440/45-16
14	4	5000	4-1/2	2-7/16	1-1/4	47-1/2	PY9/CA-T-1440/45-20
16	3	4260	4-1/4	2-7/16	1-1/4	51	PY9/CA-R-1630/42-20
16	3	4260	4-1/4	2-7/16	1-1/2	51	PY9/CA-R-1630/42-24
16	3	4260	4-1/2	2-7/16	1	49-3/4	PY9/CA-T-1630/45-16
16	3	4260	4-1/2	2-7/16	1-1/4	49-3/4	PY9/CA-T-1630/45-20
16	4	5970	5-1/4	2-7/16	1-1/4	65	PY9/CA-R-1640/52-20
16	4	5970	5-1/4	2-7/16	1-1/2	65	PY9/CA-R-1640/52-24
16	4	5970	5-1/4	3-1/16	1-3/4	65	PY9/CA-R-1640/52-28
16	4	5970	5-1/2	2-7/16	1-1/4	63	PY9/CA-T-1640/55-20
16	5	7700	5-1/4	2-7/16	1-1/4	85	PY9/CA-R-1650/52-20
16	5	7700	5-1/4	2-7/16	1-1/2	85	PY9/CA-R-1650/52-24
16	5	7700	5-1/4	3-1/16	1-3/4	85	PY9/CA-R-1650/52-28
16	5	7700	5-1/4	3-1/4	2	85	PY9/CA-R-1650/52-32
16	5	7700	5-1/2	2-7/16	1-1/4	85	PY9/CA-T-1650/55-20
18	3	4600	4-1/4	2-7/16	1-1/4	59	PY9/CA-R-1830/42-20
18	3	4600	4-1/4	2-7/16	1-1/2	59	PY9/CA-R-1830/42-24
18	3	4600	4-1/2	2-7/16	1-1/4	57-3/4	PY9/CA-T-1830/45-20
18	4	6500	5-1/4	2-7/16	1-1/4	83	PY9/CA-R-1840/52-20
18	4	6500	5-1/4	2-7/16	1-1/2	83	PY9/CA-R-1840/52-24
18	4	6500	5-1/2	2-7/16	1-1/4	81-3/4	PY9/CA-T-1840/55-20
18	5	8400	5-1/4	2-7/16	1-1/2	89	PY9/CA-R-1850/52-24
18	5	8400	5-1/4	3-1/16	1-3/4	89	PY9/CA-R-1850/52-28
18	5	8400	5-1/4	3-1/4	2	89	PY9/CA-R-1850/52-32
18	5	8400	5-1/2	2-9/16	1-1/2	87-3/4	PY9/CA-T-1850/55-24

## ECONOMY POLYURETHANE / CAST IRON CORE - PY9/CA

**Capacity Up to 3500 lbs.**



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

### Features

- **Hardness:** 95 Shore A
- **Wheel Face:** Available in flat tread
- **Finish:** Green tread on silver painted core
- **Temperature Range:** -40°F up to +180°F

### Wheel Options

- Now available in 2-1/2" and 3" tread width models, consult Acorn™.
- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory.
- For customization & special application options, please consult Acorn™

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Bearing Type	Part Number*
4	2	700	2-7/16	1-3/16	1/2	Ped. Prec. Ball	PY9/CA-P-0420-08
4	2	700	2-3/16	1-3/16	5/8	Roller	PY9/CA-R-0420-10
4	2	700	2-3/16	1-3/16	3/4	Roller	PY9/CA-R-0420-12
4	2	700	2-3/16	1-3/16	1-3/16	Plain	PY9/CA-PL-0420-19
5	2	1000	2-7/16	1-3/16	1/2	Ped. Prec. Ball	PY9/CA-P-0520-08
5	2	1000	2-3/16	1-3/16	3/4	Roller	PY9/CA-R-0520-12
5	2	1000	2-3/16	1-3/16	1-3/16	Plain	PY9/CA-PL-0520-19
6	2	1200	2-7/16	1-3/16	1/2	Ped. Prec. Ball	PY9/CA-P-0620-08
6	2	1200	2-3/16	1-3/16	5/8	Roller	PY9/CA-R-0620-10
6	2	1200	2-3/16	1-3/16	3/4	Roller	PY9/CA-R-0620-12
6	2	1200	2-3/16	1-3/16	3/4	Delrin	PY9/CA-D-0620-12
6	2	1200	2-3/16	1-3/16	1-3/16	Plain	PY9/CA-PL-0620-19
6	2-1/2	1600	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-0625-31
6	3	2000	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-0630-31
8	2	1400	2-7/16	1-3/16	1/2	Ped. Prec. Ball	PY9/CA-P-0820-08
8	2	1400	2-3/16	1-3/16	3/4	Roller	PY9/CA-R-0820-12
8	2	1400	2-3/16	1-3/16	1-3/16	Plain	PY9/CA-PL-0820-19
8	2-1/2	2000	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-0825-31
8	2-1/2	2000	3-1/4	1-15/16	1	Roller	PY9/CA-R-0825-16
8	3	2500	3-1/4	1-15/16	1	Roller	PY9/CA-R-0830-16
8	3	2500	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-0830-31
10	2-1/2	2200	3-1/4	1-15/16	1	Roller	PY9/CA-R-1025-16
10	2-1/2	2200	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-1025-31
10	3	3000	3-1/4	1-15/16	1	Roller	PY9/CA-R-1030-16
10	3	3000	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-1030-31
12	2-1/2	2500	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-1225-31
12	3	3500	3-1/4	1-15/16	1	Roller	PY9/CA-R-1225-16
12	3	3500	3-1/4	1-15/16	1-15/16	Plain	PY9/CA-PL-1225-31

\*PL = Plain Bearing; R = Roller Bearing; P = Pedestal Bearing

## POLYURETHANE / ALUMINUM CORE - PY9/AL & PY6/AL

Capacity Up to 7500 lbs.



Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Polyurethane tread is chemically bonded to aluminum core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels. PY9/AL wheels feature cast aluminum core. PY6/AL wheels feature die cast aluminum cores.

### Features

- **Hardness:** 95 Shore A (Cast Aluminum Core) and 60 Shore D (Die Cast Aluminum Core)
- **Finish:** Green tread on aluminum core
- **Temperature Range:** -40° to +180°F

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
4	1-1/2	600	1-5/8	1-3/16	1/2	1	PY9/AL-P-0415-08
4	1-1/2	600	1-5/8	1-3/16	5/8	1	PY9/AL-P-0415-10
4	1-1/2	600	1-5/8	1-3/16	3/4	1	PY9/AL-P-0415-12
4	2	700	2-3/16	1-3/16	1/2	1-1/2	PY9/AL-P-0420-08
4	2	700	2-3/16	1-3/16	5/8	1-1/2	PY9/AL-P-0420-10
4	2	700	2-3/16	1-3/16	3/4	1-1/2	PY9/AL-P-0420-12
5	1-1/2	720	1-5/8	1-3/16	1/2	1-1/2	PY9/AL-P-0515-08
5	1-1/2	720	1-5/8	1-3/16	5/8	1-1/2	PY9/AL-P-0515-10
5	1-1/2	720	1-5/8	1-3/16	3/4	1-1/2	PY9/AL-P-0515-12
5	2	1050	2-3/16	1-3/16	1/2	1-3/4	PY9/AL-P-0520-08
5	2	1050	2-3/16	1-3/16	5/8	1-3/4	PY9/AL-P-0520-10
5	2	1050	2-3/16	1-3/16	3/4	1-3/4	PY6/AL-P-0520-12
6	2	1230	2-3/16	1-3/16	1/2	2-1/4	PY9/AL-P-0620-08
6	2	1230	2-3/16	1-3/16	5/8	2-1/4	PY9/AL-P-0620-10
6	2	1230	2-3/16	1-3/16	3/4	2-1/4	PY9/AL-P-0620-12
8	2	1500	2-3/16	1-3/16	1/2	3-1/4	PY9/AL-P-0820-08
8	2	1500	2-3/16	1-3/16	5/8	3-1/4	PY9/AL-P-0820-10
8	2	1500	2-3/16	1-3/16	3/4	3-1/4	PY9/AL-P-0820-12
8	2-1/2	2010	3-1/4	1-15/16	1	4	PY9/AL-P-0825-16
8	2-1/2	2010	3-1/4	2-7/16	3/4	4	PY9/AL-P-0825-12
8	3	2520	3-1/4	1-15/16	1	4-1/4	PY9/AL-P-0830-16
8	3	2520	3-1/4	1-15/16	1-1/4	4-1/4	PY9/AL-P-0830-20
8	3	2520	3-1/4	1-15/16	3/4	4-1/4	PY9/AL-P-0830-12
10	2-1/2	2370	3-1/4	1-15/16	1	4-3/4	PY9/AL-P-1025-16
10	2-1/2	2370	3-1/4	2-7/16	3/4	4-3/4	PY9/AL-P-1025-12
10	3	3000	3-1/4	1-15/16	1	5	PY9/AL-P-1030-16
10	3	3000	3-1/4	1-15/16	1	5	PY9/AL-P-1030-16
10	3	3000	3-1/4	1-15/16	1-1/4	5	PY9/AL-P-1030-20
10	3	3000	3-1/4	1-15/16	3/4	5	PY9/AL-P-1030-12
12	6	7500	6-1/2	2.33	1-1/4	25-3/4	PY6/AL-P-1260-20

\* R = Roller Bearing; T = Tapered Bearing; P = Precision Bearing

**CUSTOM STRAIGHT-SIDED ALUMINUM CORES WITH PRECISION BEARINGS ARE AVAILABLE FOR ANY DUROMETER POLYURETHANE.**

## POLYURETHANE / ALUMINUM CORE / DONUT TREAD - PY9/AL/DT

**Capacity** Up to 1500 lbs.



### Features

- **Hardness:** 90 Shore A (green) or 80 Shore A (butterscotch)
- Wheels furnished complete with top hats spacers and sealed precision bearings.
- **Wheel face:** Donut tread
- **Finish:** Green tread ( 90 Shore A ) on aluminum core
- **Temperature Range:** -40°F to +180°F

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
5	2	1000	2-7/16	1-9/16	1/2	2	PY9/AL/DT/9-P-0520-08
6	2	1250	2-7/16	1-9/16	1/2	3	PY9/AL/DT/9-P-0620-08
8	2	1500	2-7/16	1-9/16	1/2	4	PY9/AL/DT/9-P-0820-08
5	2	1000	2-7/16	1-9/16	1/2	2	PY9/AL/DT/8-P-0520-08
6	2	1250	2-7/16	1-9/16	1/2	3	PY9/AL/DT/8-P-0620-08
8	2	1500	2-7/16	1-9/16	1/2	4	PY9/AL/DT/8-P-0820-08

\* R = Roller Bearing; T = Tapered Bearing; P = Precision Bearing

Composed of a polyurethane elastomer, open cast or injection molded, on clean, close tolerance cores. Wheels feature a chemical and mechanical lock of tread to the core. High capacity polyurethane protects floors, is non-marking and delivers quieter operation than standard metal wheels.

### Wheel Options

- Standard 90A Shore A **PM/DT/9-P-0620-08**
- Available in **80 Shore A** Change **PM/DT/9-P-0620-08** to **PM/DT/8-P-0620-08**.
- Available in **70 Shore D** Change **PM/DT/9-P-0620-08** to **PM/DT/7-P-0620-08**.



## POLYURETHANE / V-GROOVE - PY6/VG

**Capacity** Up to 1500 lbs.



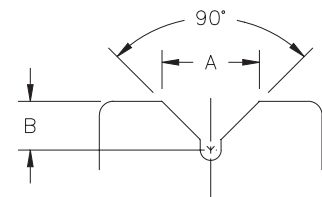
Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
5	2	1000	2-7/16	1-9/16	1/2	2	PY6/VG/6-P-0520-08
6	2	1250	2-7/16	1-9/16	1/2	3	PY6/VG/6-P-0620-08
8	2	1500	2-7/16	1-9/16	1/2	4	PY6/VG/6-P-0820-08
5	2	1000	2-7/16	1-9/16	1/2	2	PY6/VG/6-P-0520-08
6	2	1250	2-7/16	1-9/16	1/2	3	PY6/VG/6-P-0620-08
8	2	1500	2-7/16	1-9/16	1/2	4	PY6/VG/6-P-0820-08

\* R = Roller Bearing; T = Tapered Bearing; P = Precision Bearing

Wheel face and “V”-groove are machined from heavy duty polyurethane. A relief groove at the base of the “V” tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but flat surfaces as well.

### Features

- **Hardness:** 60 Shore D
- **Option:** Hardness 80 Shore A
- **Wheel Face:** V-groove
- **Finish:** Green



## POLYURETHANE / POLYPROPYLENE CORE - PY/PB

Capacity Up to 1500 lbs.



1-1/4 in.  
wide wheel



2 and 2-1/2 in.  
wide wheels

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
3	1-1/4	300	1-5/8		3/8	3/8	PY/PB-P-0312-06
3-1/2	1-1/4	360	1-5/8		3/8	3/8	PY/PB-P-3512-06
4	1-1/4	400	1-5/8		3/8	1/2	PY/PB-P-0412-06
4	2	600	2-1/2	1-3/16	3/4	1/2	PY/PB-P-0420-12
5	1-1/4	440	1-5/8		3/8	3/4	PY/PB-P-0512-06
5	2	750	2-1/2	1-3/16	3/4	1-3/4	PY/PB-P-0520-08
6	2	900	2-1/2	1-3/16	3/4	2-1/2	PY/PB-P-0620-08
8	2	1000	2-1/2	1-3/16	3/4	2-3/4	PY/PB-P-0820-08
10	2-1/2	1500	3-1/4	1-15/16	1	3	PY/PB-R-1025-16
10	2-1/2	1500	3-1/2		1	3	PY/PB-P-1025-16

\* R = Roller Bearing; T = Tapered Bearing; P = Precision Bearing

### Features

- **Hardness:** 90 Shore A
- **Wheel Face:** Moderate crown
- **Finish:** Gray tread on gray core
- **Temperature Range:** -40°F to +180°F

Excellent properties where washdown of material handling equipment is required. Tread is mechanically locked to an injection molded polymer core to prevent separation. Polyurethane wheels offer greater load capacity than rubber. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils. Color is gray on gray core.

## POLYURETHANE SHOPPING CART WHEEL - PY/SC

**Capacity** Up to 350 lbs.



Designed specifically for the shopping cart industry. Tread is mechanically locked to an injection molded polymer core to prevent separation. Polyurethane wheels offer greater load capacity than rubber. They offer excellent floor protection. These wheels resist chemicals, acids, caustics and oils.

### Features

- **Tread Hardness:** 60 Shore D
- **Wheel Face:** Moderate crown
- **Finish:** Blue Tread with Blue Thread Guard
- **Temperature Range:** -40°F to +180°F

### Wheel Options

- **Custom colors**
- Special durometers
- For customization & special application options, please consult Acorn™.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Approx. Wt. (lbs)	Part Number
5	1-1/4	350	1-1/2	1.26	5/16	3/4	PY/SC-PL-0512-05
5	1-1/4	350	1-1/2	1.26	3/8	3/4	PY/SC-PL-0512-06



### Anti static replacement wheel specify XB-PL-0512-05-AS

Wheel utilizes a synthetic resin impregnated with electrically conductive material in the wheel. With each revolution, the conductor makes contact with the floor reducing static build-up.



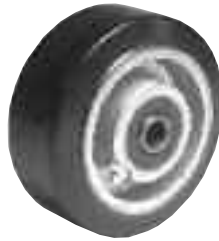
### Self-Decelerating replacement wheel specify XB-PL-0512-05-SD

Our self-deceleration wheel covers are made of polymer, that encompass and compress our bearing protecting polyurethane shock absorber. This provides you with adjustable self-deceleration.



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**MOLDON RUBBER /  
 CAST IRON CORE  
 (MR/CA)**



**HEAVY DUTY MOLDON RUBBER /  
 CAST IRON CORE  
 (MR/HD/CA)**



**HIGH MODULOUS RUBBER /  
 ALUMINUM CORE  
 (HMR/AL)**



**MOLDON RUBBER /  
 ALUMINUM CORE  
 (MR/AL)**



**EXTRA SOFT RUBBER /  
 POLYPROPYLENE CORE /  
 CROWN TREAD  
 (XSR/PB/CT)**



**EXTRA SOFT RUBBER /  
 POLYPROPYLENE CORE /  
 DONUT TREAD  
 (XSR/PB/DT)**



**ADVANCED RUBBER /  
 POLYPROPYLENE CORE /  
 ROUND TREAD  
 (AN/PB/RT)**



**PNEUMATIC  
 (SF)**



**PNEUMATIC /  
 HAND TRUCK WHEELS  
 (SF/HT)**



**SEMI-PNEUMATIC /  
 HAND TRUCK WHEELS  
 (SN/HT)**



**NEVER FLAT TIRES  
 (NF)**

## MOLDON RUBBER / CAST IRON CORE - MR/CA

Capacity Up to 760 lbs.



**Rubber on Iron Wheels** By vulcanizing specially formulated rubber tread to iron centers we have created a truly rugged combination. Top-quality domestic rubber has nearly 2x the military specifications for tensile strength. "Springiness" allows improved rollability and some degree of debris rejection. Excellent floor protection, very quiet operation and a cushioned ride even on rough floors.

### Wheel Options

- H-90 extra hard tread
- Gray non-marking tread
- Neoprene rubber tread
- High heat rubber tread
- Extra thick tread
- Keyways/set screws
- Special bores
- Special bearings
- Bearing seals
- Special widths or hub lengths
- Metric sizes

### Made in USA

- **Reputation for Top Quality:** Top quality premium urethane tired wheels.
- **Solid Web Casting:** Most centers have solid webs to provide greater strength and allow easier cleaning. Wheels are painted aluminum and include grease fitting in sizes greater than 5".
- **Hardness:** 70A is standard. Extra hard (90A Durometer), neoprene and gray non-marking compounds are available as an option on all sizes.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number
4	2	3/4	1-3/16	2-3/16	1-3/16	-	290	MR/CA-00-0420-19
4	2	3/4	1-3/16	2-3/16	3/4	Roller	290	MR/CA-R-0420-12
4	2	3/4	1-3/16	2-3/16	1/2	Rol./Span.	290	MR/CA-RS-0420-08
4	2	3/4	1.378	2-3/16	1/2	Prec. Ball	290	MR/CA-P-0420-08
5	2	7/8	1-3/16	2-3/16	1-3/16	-	350	MR/CA-00-0520-19
5	2	7/8	1-3/16	2-3/16	3/4	Roller	350	MR/CA-R-0520-12
5	2	7/8	1-3/16	2-3/16	1/2	Rol./Span.	350	MR/CA-RS-0520-08
5	2	7/8	1.378	2-3/16	1/2	Prec. Ball	350	MR/CA-P-0520-08
6	2	7/8	1-3/16	2-3/16	1-3/16	-	410	MR/CA-00-0620-19
6	2	7/8	1-3/16	2-3/16	3/4	Roller	410	MR/CA-R-0620-12
6	2	7/8	1-3/16	2-3/16	1/2	Rol./Span.	410	MR/CA-RS-0620-08
6	2	7/8	1-7/16	2-3/16	1	Roller	410	MR/CA-R-0620-16
6	2	7/8	1.378	2-3/16	1/2	Prec. Ball	410	MR/CA-P-0620-08
6	2-1/2	7/8	1-15/16	2-3/4	1-15/16	-	540	MR/CA-00-0625-31
6	2-1/2	7/8	1-15/16	2-3/4	1	Roller	540	MR/CA-R-0625-16
6	2-1/2	7/8	1-15/16	2-3/4	3/4	Rol./Span.	540	MR/CA-RS-0625-12
6	2-1/2	7/8	1-15/16	2-3/4	1-1/4	Roller	540	MR/CA-R-0625-20
6	2-1/2	7/8	2.044	2-3/4	3/4	Prec. Ball	540	MR/CA-P-0625-12
6	2-1/2	7/8	1.780	2-3/4	3/4	Tapered	540	MR/CA-T-0625-12
6	3	7/8	1-15/16	3-1/4	1-15/16	-	680	MR/CA-00-0630-31
6	3	7/8	1-15/16	3-1/4	1	Roller	680	MR/CA-R-0630-16
6	3	7/8	1-15/16	3-1/4	3/4	Rol./Span.	680	MR/CA-RS-0630-12
6	3	7/8	1-15/16	3-1/4	1-1/4	Roller	680	MR/CA-R-0630-20
6	3	7/8	2.044	3-1/4	3/4	Prec. Ball	680	MR/CA-P-0630-12
6	3	7/8	1.780	3-1/4	3/4	Tapered	680	MR/CA-T-0630-12
7	2	7/8	1-3/16	2-3/16	1-3/16	-	460	MR/CA-00-0720-19
7	2	7/8	1-3/16	2-3/16	3/4	Roller	460	MR/CA-R-0720-12
7	2	7/8	1-3/16	2-3/16	1/2	Rol./Span.	460	MR/CA-RS-0720-08
7	2	7/8	1.378	2-3/16	1	Prec. Ball	460	MR/CA-P-0720-16
7	2	7/8	1.780	2-3/16	1/2	Tapered	460	MR/CA-T-0720-08
7	3	7/8	1-15/16	3-1/4	1-15/16	-	760	MR/CA-00-0730-31
7	3	7/8	1-15/16	3-1/4	1	Roller	760	MR/CA-R-0730-16
7	3	7/8	1-15/16	3-1/4	3/4	Rol./Span.	760	MR/CA-RS-0730-12
7	3	7/8	1-15/16	3-1/4	1-1/4	Roller	760	MR/CA-R-0730-20
7	3	7/8	2.044	3-1/4	3/4	Prec. Ball	760	MR/CA-P-0730-12
7	3	7/8	1.780	3-1/4	3/4	Tapered	760	MR/CA-T-0730-12

(Continued on Next Page)

## MOLDON RUBBER / CAST IRON CORE - MR/CA

Capacity Up to 1000 lbs.



- **Rough Floors:** Rubber treads are an excellent choice for workplaces where floors are rough or noise is a problem. The cushioning effect of rubber tread offers excellent protection for floors and cargo.

- **Operating Temperature:** Our standard 70A Durometer rubber tread has an operating temperature range of -70°F to +160°F. Extra hard H-90 increases the operating temperature range to -40°F to +200°F. Neoprene is 60°F to +200°F.

- **Capacities:** Capacities listed are for standard 70A hardness rubber. Other hardness and types are available. H-90 extra hard doubles the stated capacity.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number
8	2	7/8	1-3/16	2-3/16	1-3/16	-	500	MR/CA-00-0820-19
8	2	7/8	1-3/16	2-3/16	3/4	Roller	500	MR/CA-R-0820-12
8	2	7/8	1-3/16	2-3/16	1/2	Roll./Span.	500	MR/CA-RS-0820-08
8	2	7/8	1-7/16	2-3/16	1	Roller	500	MR/CA-R-0820-16
8	2	7/8	1.378	2-3/16	1/2	Prec. Ball	500	MR/CA-P-0820-08
8	2	7/8	1.375	2-3/16	1/2	Tapered	500	MR/CA-T-0820-08
8	2	7/8	1.780	2-3/16	3/4	Tapered	500	MR/CA-T-0820-12
8	2-1/2	7/8	1-15/16	2-3/4	1-15/16	-	675	MR/CA-00-0825-31
8	2-1/2	7/8	1-15/16	2-3/4	1	Roller	675	MR/CA-R-0825-16
8	2-1/2	7/8	1-15/16	2-3/4	3/4	Roll./Span.	675	MR/CA-RS-0825-12
8	2-1/2	7/8	1-15/16	2-3/4	1-1/4	Roller	675	MR/CA-R-0825-20
8	2-1/2	7/8	2.044	2-3/4	3/4	Prec. Ball	675	MR/CA-P-0825-12
8	2-1/2	7/8	1.780	2-3/4	3/4	Tapered	675	MR/CA-T-0825-12
8	2-1/2	7/8	1.980	2-3/4	1	Tapered	675	MR/CA-T-0825-16
8	3	7/8	1-15/16	3-1/4	1-15/16	-	850	MR/CA-00-0830-31
8	3	7/8	1-15/16	3-1/4	1	Roller	850	MR/CA-R-0830-16
8	3	7/8	1-15/16	3-1/4	3/4	Roll./Span.	850	MR/CA-RS-0830-12
8	3	7/8	1-15/16	3-1/4	1-1/4	Roller	850	MR/CA-R-0830-20
8	3	7/8	2.044	3-1/4	3/4	Prec. Ball	850	MR/CA-P-0830-12
8	3	7/8	1.780	3-1/4	3/4	Tapered	850	MR/CA-T-0830-12
8	3	7/8	1.980	3-1/4	1	Tapered	850	MR/CA-T-0830-16
8	3	7/8	2.327	3-1/4	1-1/4	Tapered	850	MR/CA-T-0830-20
9	2-1/2	7/8	1-15/16	2-3/4	1-15/16	-	725	MR/CA-00-0925-31
9	2-1/2	7/8	1-15/16	2-3/4	1	Roller	725	MR/CA-R-0925-16
9	2-1/2	7/8	1-15/16	2-3/4	3/4	Roll./Span.	725	MR/CA-RS-0925-12
9	2-1/2	7/8	1-15/16	2-3/4	1-1/4	Roller	725	MR/CA-R-0925-20
9	2-1/2	7/8	1.780	2-3/4	3/4	Tapered	725	MR/CA-T-0925-12
9	2-1/2	7/8	1.980	2-3/4	1	Tapered	725	MR/CA-T-0925-16
9	3	1	1-15/16	3-1/4	1-15/16	-	925	MR/CA-00-0930-31
9	3	1	1-15/16	3-1/4	1	Roller	925	MR/CA-R-0930-16
9	3	1	1-15/16	3-1/4	3/4	Roll./Span.	925	MR/CA-RS-0930-12
9	3	1	1-15/16	3-1/4	1-1/4	Roller	925	MR/CA-R-0930-20
9	3	1	1.780	3-1/4	3/4	Tapered	925	MR/CA-T-0930-12
9	3	1	1.980	3-1/4	1	Tapered	925	MR/CA-T-0930-16
10	2	1	1-3/16	2-3/16	1-3/16	-	725	MR/CA-00-1020-19
10	2	1	1-3/16	2-3/16	3/4	Roller	725	MR/CA-R-1020-12
10	2	1	1-3/16	2-3/16	1/2	Roll./Span.	725	MR/CA-RS-1020-08
10	2	1	1.378	2-3/16	1/2	Roller	725	MR/CA-R-1020-08
10	2	1	1.780	2-3/16	3/4	Tapered	725	MR/CA-T-1020-12
10	2-1/2	1	1-15/16	2-3/4	1-15/16	-	790	MR/CA-00-1025-31
10	2-1/2	1	1-15/16	2-3/4	1	Roller	790	MR/CA-R-1025-16
10	2-1/2	1	1-15/16	2-3/4	3/4	Roll./Span.	790	MR/CA-RS-1025-12
10	2-1/2	1	1-15/16	2-3/4	1-1/4	Roller	790	MR/CA-R-1025-20
10	2-1/2	1	2.044	2-3/4	3/4	Prec. Ball	790	MR/CA-P-1025-12
10	2-1/2	1	1.780	2-3/4	3/4	Tapered	790	MR/CA-T-1025-12
10	2-1/2	1	1.980	2-3/4	1	Tapered	790	MR/CA-T-1025-16

(Continued on Next Page)

## MOLDON RUBBER / CAST IRON CORE - MR/CA

**Capacity Up to 2050 lbs.**



- **Neoprene Rubber:** In oily or greasy areas Neoprene rubber compound is recommended. Capacities for Neoprene are the same as for 70A rubber. Available as an option on all sizes.
- **Extra Hard Tires:** Extra hard 90A Durometer rubber tires have higher capacity, and will start and roll more easily on relatively smooth floors. Available in all sizes.
- **Non-Marking Rubber:** Gray non-marking rubber is perfect for offices, institutions, gymnasiums and hospitals where unscuffed floors are a priority or where vinyl tile is used. Available as an option on all sizes.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number
10	3	1	1-15/16	3-1/4	1-15/16	-	1000	MR/CA-00-1030-31
10	3	1	1-15/16	3-1/4	1	Roller	1000	MR/CA-R-1030-16
10	3	1	1-15/16	3-1/4	3/4	RoI./Span.	1000	MR/CA-RS-1030-12
10	3	1	1-15/16	3-1/4	1-1/4	Roller	1000	MR/CA-R-1030-20
10	3	1	2.044	3-1/4	3/4	Prec. Ball	1000	MR/CA-P-1030-12
10	3	1	1.780	3-1/4	3/4	Tapered	1000	MR/CA-T-1030-12
10	3	1	1.980	3-1/4	1	Tapered	1000	MR/CA-T-1030-16
10	4	1	1-15/16	4-1/4	1-15/16	-	1400	MR/CA-00-1040-31
10	4	1	1-15/16	4-1/4	1	Roller	1400	MR/CA-R-1040-16
10	4	1	1-15/16	4-1/4	3/4	RoI./Span.	1400	MR/CA-RS-1040-12
10	4	1	1-15/16	4-1/4	1-1/4	Roller	1400	MR/CA-R-1040-20
10	4	1	1-15/16	4-1/4	1	RoI./Span.	1400	MR/CA-RS-1040-16
10	4	1	1.937	4-1/4	3/4	Tapered	1400	MR/CA-T-1040-12
10	4	1	1.980	4-1/4	1	Tapered	1400	MR/CA-T-1040-16
10	4	1	2-7/16	4-1/4	2-7/16	-	1400	MR/CA-00-1040-39
10	4	1	2-7/16	4-1/4	1-1/4	Roller	1400	MR/CA-R-1040-20
10	4	1	2-7/16	4-1/4	1-1/2	Roller	1400	MR/CA-R-1040-24
10	4	1	2.437	4-1/4	1	Tapered	1400	MR/CA-T-1040-16
10	4	1	2.327	4-1/4	1-1/4	Tapered	1400	MR/CA-T-1040-20
<b>11" wheels available. Consult Acorn™.</b>								
12	2-1/2	1	1-15/16	2-3/4	1-15/16	-	900	MR/CA-00-1225-31
12	2-1/2	1	1-15/16	2-3/4	1	Roller	900	MR/CA-R-1225-16
12	2-1/2	1	1-15/16	2-3/4	3/4	RoI./Span.	900	MR/CA-RS-1225-12
12	2-1/2	1	1-15/16	2-3/4	1-1/4	Roller	900	MR/CA-R-1225-20
12	2-1/2	1	2.044	2-3/4	3/4	Prec. Ball	900	MR/CA-P-1225-12
12	2-1/2	1	1.780	2-3/4	3/4	Tapered	900	MR/CA-T-1225-12
12	2-1/2	1	1.980	2-3/4	1	Tapered	900	MR/CA-T-1225-16
12	3	1	1-15/16	3-1/4	1-15/16	-	1150	MR/CA-00-1230-31
12	3	1	1-15/16	3-1/4	1	Roller	1150	MR/CA-R-1230-16
12	3	1	1-15/16	3-1/4	3/4	RoI./Span.	1150	MR/CA-RS-1230-12
12	3	1	1-15/16	3-1/4	1-1/4	Roller	1150	MR/CA-R-1230-20
12	3	1	2.044	3-1/4	3/4	Prec. Ball	1150	MR/CA-P-1230-12
12	3	1	1.780	3-1/4	3/4	Tapered	1150	MR/CA-T-1230-12
12	3	1	1.980	3-1/4	1	Tapered	1150	MR/CA-T-1230-16
12	3-1/2	1	2-7/16	4-1/4	2-7/16	-	1375	MR/CA-00-1235-39
12	3-1/2	1	2-7/16	4-1/4	1-1/4	Roller	1375	MR/CA-R-1235-20
12	3-1/2	1	2-7/16	4-1/4	1-1/2	Roller	1375	MR/CA-R-1235-24
12	3-1/2	1	2.437	4-1/4	1	Tapered	1375	MR/CA-T-1235-16
12	3-1/2	1	2.327	4-1/4	1-1/4	Tapered	1375	MR/CA-T-1235-20
12	4	1	2-7/16	4-1/4	2-7/16	-	1600	MR/CA-00-1240-39
12	4	1	2-7/16	4-1/4	1-1/4	Roller	1600	MR/CA-R-1240-20
12	4	1	2-7/16	4-1/4	1-1/2	Roller	1600	MR/CA-R-1240-24
12	4	1	2.437	4-1/4	1	Tapered	1600	MR/CA-T-1240-16
12	4	1	2.327	4-1/4	1-1/4	Tapered	1600	MR/CA-T-1240-20

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## MOLDON RUBBER / CAST IRON CORE - MR/CA

**Capacity Up to 2575 lbs.**



- **Special Bores/Keyways:** Most rubber-tired wheels can be made with special bores, keyways and/or set screws.
- **Tapered Bearings:** Most sizes can be equipped with tapered roller bearings which include seals and spacers.
- **Extra Thick Rubber:** Wheels can be equipped with extra thick rubber tread for added cushioning.
- **Grease Fittings:** All sizes come equipped with a grease zerk except the 4" and 5" sizes.
- **Carbon Black:** The carbon black content of our 70A and 90A rubber will cause floor marking. Gray non-marking or premium urethane should be considered when floor marking is a concern.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number
12	5	1	2-7/16	5-1/4	2-7/16	-	2050	MR/CA-00-1250-39
12	5	1	2-7/16	5-1/4	1-1/4	Roller	2050	MR/CA-R-1250-20
12	5	1	2-7/16	5-1/4	1-1/2	Roller	2050	MR/CA-R-1250-24
12	5	1	2.437	5-1/4	1	Tapered	2050	MR/CA-T-1250-16
12	5	1	2.327	5-1/4	1-1/4	Tapered	2050	MR/CA-T-1250-20
14	2-1/2	1	1-15/16	2-3/4	1-15/16	-	1100	MR/CA-00-1425-31
14	2-1/2	1	1-15/16	2-3/4	1	Roller	1100	MR/CA-R-1425-16
14	2-1/2	1	1-15/16	2-3/4	3/4	Rol./Span.	1100	MR/CA-RS-1425-12
14	2-1/2	1	1-15/16	2-3/4	1-1/4	Roller	1100	MR/CA-R-1425-20
14	2-1/2	1	2.044	2-3/4	3/4	Prec. Ball	1100	MR/CA-P-1425-12
14	2-1/2	1	1.780	2-3/4	3/4	Tapered	1100	MR/CA-T-1425-12
14	2-1/2	1	1.980	2-3/4	1	Tapered	1100	MR/CA-T-1425-16
14	3	1	1-15/16	3-1/4	1-15/16	-	1275	MR/CA-00-1430-31
14	3	1	1-15/16	3-1/4	1	Roller	1275	MR/CA-R-1430-16
14	3	1	1-15/16	3-1/4	3/4	Rol./Span.	1275	MR/CA-RS-1430-12
14	3	1	1-15/16	3-1/4	1-1/4	Roller	1275	MR/CA-R-1430-20
14	3	1	2.044	3-1/4	3/4	Prec. Ball	1275	MR/CA-P-1430-12
14	3	1	1.780	3-1/4	3/4	Tapered	1275	MR/CA-T-1430-12
14	3	1	1.980	3-1/4	1	Tapered	1275	MR/CA-T-1430-16
16	2-1/2	1	1-15/16	2-3/4	1-15/16	-	1150	MR/CA-00-1625-31
16	2-1/2	1	1-15/16	2-3/4	1	Roller	1150	MR/CA-R-1625-16
16	2-1/2	1	1-15/16	2-3/4	3/4	Rol./Span.	1150	MR/CA-RS-1625-12
16	2-1/2	1	1-15/16	2-3/4	1-1/4	Roller	1150	MR/CA-R-1625-20
16	2-1/2	1	2.044	2-3/4	3/4	Prec. Ball	1150	MR/CA-P-1625-12
16	2-1/2	1	1.780	2-3/4	3/4	Tapered	1150	MR/CA-T-1625-12
16	2-1/2	1	1.980	2-3/4	1	Tapered	1150	MR/CA-T-1625-16
16	3	1	1-15/16	3-1/4	1-15/16	-	1420	MR/CA-00-1630-31
16	3	1	1-15/16	3-1/4	1	Roller	1420	MR/CA-R-1630-16
16	3	1	1-15/16	3-1/4	3/4	Rol./Span.	1420	MR/CA-RS-1630-12
16	3	1	1-15/16	3-1/4	1-1/4	Roller	1420	MR/CA-R-1630-20
16	3	1	2.044	3-1/4	3/4	Prec. Ball	1420	MR/CA-P-1630-12
16	3	1	1.780	3-1/4	3/4	Tapered	1420	MR/CA-T-1630-12
16	3	1	1.980	3-1/4	1	Tapered	1420	MR/CA-T-1630-16
16	4	1	2-7/16	4-1/4	2-7/16	-	1990	MR/CA-00-1640-39
16	4	1	2-7/16	4-1/4	1-1/4	Roller	1990	MR/CA-R-1640-20
16	4	1	2-7/16	4-1/4	1-1/2	Roller	1990	MR/CA-R-1640-24
16	4	1	2.437	4-1/4	1	Tapered	1990	MR/CA-T-1640-16
16	4	1	2.327	4-1/4	1-1/4	Tapered	1990	MR/CA-T-1640-20
16	5	1	2-7/16	5-1/4	2-7/16	-	2575	MR/CA-00-1650-39
16	5	1	2-7/16	5-1/4	1-1/4	Roller	2575	MR/CA-R-1650-20
16	5	1	2-7/16	5-1/4	1-1/2	Roller	2575	MR/CA-R-1650-24
16	5	1	3-1/4	5-1/4	2	Roller	2575	MR/CA-R-1650-32
16	5	1	2.437	5-1/4	1	Tapered	2575	MR/CA-T-1650-16
16	5	1	2.437	5-1/4	1-1/4	Tapered	2575	MR/CA-T-1650-20
16	5	1	2.717	5-1/4	1-1/2	Tapered	2575	MR/CA-T-1650-24

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## MOLDON RUBBER / CAST IRON CORE - MR/CA

**Capacity Up to 3050 lbs.**



- **Special Bores/Keyways:** Most rubber-tired wheels can be made with special bores, keyways and/or set screws.
- **Tapered Bearings:** Most sizes can be equipped with tapered roller bearings which include seals and spacers.
- **Extra Thick Rubber:** Wheels can be equipped with extra thick rubber tread for added cushioning.
- **Grease Fittings:** All sizes come equipped with a grease zerk except the 4" and 5" sizes.
- **Carbon Black:** The carbon black content of our 70A and 90A rubber will cause floor marking. Gray non-marking or premium urethane should be considered when floor marking is a concern.

Dia. (in.)	Face (in.)	Tread (in.)	Bore (in.)	Hub Length (in.)	Axle (in.)	Bearing Type	Cap. (lbs.)	Part Number
18	3	1	1-15/16	3-1/4	1-15/16	-	1500	MR/CA-00-1830-31
18	3	1	1-15/16	3-1/4	1	Roller	1500	MR/CA-R-1830-16
18	3	1	1-15/16	3-1/4	1-1/4	Roller	1500	MR/CA-R-1830-20
18	3	1	1.780	3-1/4	3/4	Tapered	1500	MR/CA-T-1830-12
18	3	1	1.980	3-1/4	1	Tapered	1500	MR/CA-T-1830-16
18	3	1	2-7/16	4-1/4	2-7/16	-	1500	MR/CA-00-1830-39
18	3	1	2-7/16	4-1/4	1-1/4	Roller	1500	MR/CA-R-1830-20
18	3	1	2-7/16	4-1/4	1-1/2	Roller	1500	MR/CA-R-1830-24
18	3	1	2.327	4-1/4	1-1/4	Tapered	1500	MR/CA-T-1830-20
18	3-1/2	1	1-15/16	4-1/4	1-15/16	-	1800	MR/CA-00-1835-31
18	3-1/2	1	1-15/16	4-1/4	1	Roller	1800	MR/CA-R-1835-16
18	3-1/2	1	1-15/16	4-1/4	1-1/4	Roller	1800	MR/CA-R-1835-20
18	3-1/2	1	1.937	4-1/4	3/4	Tapered	1800	MR/CA-T-1835-12
18	3-1/2	1	1.980	4-1/4	1	Tapered	1800	MR/CA-T-1835-16
18	3-1/2	1	2.327	4-1/4	1-1/4	Tapered	1800	MR/CA-T-1835-20
18	5	1	2-7/16	5-1/4	2-7/16	-	2800	MR/CA-00-1850-39
18	5	1	2-7/16	5-1/4	1-1/4	Roller	2800	MR/CA-R-1850-20
18	5	1	2-7/16	5-1/4	1-1/2	Roller	2800	MR/CA-R-1850-24
18	5	1	3-1/16	5-1/4	1-3/4	Roller	2800	MR/CA-R-1850-28
18	5	1	3-1/4	5-1/4	2	Roller	2800	MR/CA-R-1850-32
18	5	1	2.437	5-1/4	1	Tapered	2800	MR/CA-T-1850-16
18	5	1	2.437	5-1/4	1-1/4	Tapered	2800	MR/CA-T-1850-20
18	5	1	2.717	5-1/4	1-1/2	Tapered	2800	MR/CA-T-1850-24
20	3	1	1-15/16	3-1/4	1-15/16	-	1675	MR/CA-00-2030-31
20	3	1	1-15/16	3-1/4	1	Roller	1675	MR/CA-R-2030-16
20	3	1	1-15/16	3-1/4	1-1/4	Roller	1675	MR/CA-R-2030-20
20	3	1	1.780	3-1/4	3/4	Tapered	1675	MR/CA-T-2030-12
20	3	1	1.980	3-1/4	1	Tapered	1675	MR/CA-T-2030-16
20	3	1	2-7/16	4-1/4	2-7/16	-	1675	MR/CA-00-2030-39
20	3	1	2-7/16	4-1/4	1-1/4	Roller	1675	MR/CA-R-2030-20
20	3	1	2-7/16	4-1/4	1-1/2	Roller	1675	MR/CA-R-2030-24
20	3	1	2.437	4-1/4	1	Tapered	1675	MR/CA-T-2030-16
20	3	1	2.327	4-1/4	1-1/4	Tapered	1675	MR/CA-T-2030-20
20	5	1	2-7/16	5-1/4	2-7/16	-	3050	MR/CA-00-2050-39
20	5	1	2-7/16	5-1/4	1-1/4	Roller	3050	MR/CA-R-2050-20
20	5	1	2-7/16	5-1/4	1-1/2	Roller	3050	MR/CA-R-2050-24
20	5	1	3-1/16	5-1/4	1-3/4	Roller	3050	MR/CA-R-2050-28
20	5	1	3-1/4	5-1/4	2	Roller	3050	MR/CA-R-2050-32
20	5	1	2.437	5-1/4	1	Tapered	3050	MR/CA-T-2050-16
20	5	1	2.437	5-1/4	1-1/4	Tapered	3050	MR/CA-T-2050-20
20	5	1	2.717	5-1/4	1-1/2	Tapered	3050	MR/CA-T-2050-24

## MOLDON RUBBER / CAST IRON CORE - MR/CA

**Capacity** Up to 3020 lbs.



Cushion rubber treads are vulcanized to cast iron cores. The soft rubber tread affords a cushion effect to the load and excellent floor protection. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

### Features

**Wheel face:** Moderate crown

- **Finish:** Black tread on black enamel core
- **Temperature Range:** -40°F up to +180°F
- **Hardness:** 80-83 Shore A

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
3-1/4	1-1/2	140	1-5/8	1-3/16	1/2	1	MR/CA-R-3215-08
3-1/4	1-1/2	140	1-5/8	1-3/16	5/8	1	MR/CA-R-3215-10
3-1/4	1-1/2	140	1-5/8	1-3/16	3/4	1	MR/CA-R-3215-12
4	1-1/2	250	1-5/8	1-3/16	1/2	1-1/4	MR/CA-R-0415-08
4	1-1/2	250	1-5/8	1-3/16	5/8	1-1/4	MR/CA-R-0415-10
4	1-1/2	250	1-5/8	1-3/16	3/4	1-1/4	MR/CA-R-0415-12
4	2	300	2-3/16	1-3/16	1/2	1-1/2	MR/CA-R-0420-08
4	2	300	2-3/16	1-3/16	5/8	1-1/2	MR/CA-R-0420-10
4	2	300	2-3/16	1-3/16	3/4	1-1/2	MR/CA-R-0420-12
5	1-1/2	350	1-5/8	1-3/16	1/2	1-1/2	MR/CA-R-0515-08
5	1-1/2	350	1-5/8	1-3/16	5/8	1-1/2	MR/CA-R-0515-10
5	1-1/2	350	1-5/8	1-3/16	3/4	1-1/2	MR/CA-R-0515-12
5	2	450	2-3/16	1-3/16	1/2	2	MR/CA-R-0520-08
5	2	450	2-3/16	1-3/16	5/8	2	MR/CA-R-0520-10
5	2	450	2-3/16	1-3/16	3/4	2	MR/CA-R-0520-12
6	2	500	2-3/16	1-3/16	1/2	2-1/4	MR/CA-R-0620-08
6	2	500	2-3/16	1-3/16	5/8	2-1/4	MR/CA-R-0620-10
6	2	500	2-3/16	1-3/16	3/4	2-1/4	MR/CA-R-0620-12
6	2-1/2	700	3-1/4	1-15/16	1	10	MR/CA-R-0625/32-16
6	2-1/2	700	2-3/4	1-15/16	1	9-1/4	MR/CA-R-0625/27-16
6	2-1/2	700	2-3/4	1-3/16	3/4	6-1/4	MR/CA-R-0625/27-12
6	2-1/2	700	3-1/2	1-15/16	3/4	9-1/2	MR/CA-T-0625/35-12
6	3	750	3-1/4	1-15/16	1	9-1/2	MR/CA-R-0630/32-16
6	3	750	3-1/4	1-15/16	1-1/4	9-1/2	MR/CA-R-0630/32-20
6	3	750	3-1/2	1-15/16	3/4	9-1/4	MR/CA-T-0630/35-12
7	2-1/2	800	2-3/4	1-15/16	1	9-1/2	MR/CA-R-0725-16
8	2	600	2-3/16	1-3/16	1/2	3-1/2	MR/CA-R-0820-08
8	2	600	2-3/16	1-3/16	3/4	6-1/3	MR/CA-R-0820-12
8	2	600	2-3/16	1-3/16	5/8	3-1/2	MR/CA-R-0820-10
8	2	600	2-3/16	1-3/16	7/8	3-1/2	MR/CA-R-0820-10
8	2	600	2-3/16	1-15/16	1	4	MR/CA-R-0820-10
8	2-1/2	850	3-1/4	1-15/16	1	9-3/4	MR/CA-R-0825/32-10
8	2-1/2	850	3-1/4	1-15/16	1-1/4	9-3/4	MR/CA-R-0825/32-10
8	2-1/2	850	2-3/4	1-15/16	1	9-1/2	MR/CA-R-0825/27-10
8	2-1/2	850	2-3/4	1-3/16	3/4	8-1/2	MR/CA-R-0825/27-10
8	2-1/2	850	3-1/2	1-15/16	3/4	9-1/2	MR/CA-T-0825/35-10
8	3	900	3-1/2	1-15/16	3/4	11-1/4	MR/CA-T-0830/35-12
8	3	900	3-1/2	1.98	1	11-1/4	MR/CA-T-0830/35-16
8	3	900	3-1/4	1-15/16	1	11-1/4	MR/CA-T-0830/32-16
8	3	900	3-1/4	1-15/16	1-1/4	11-1/2	MR/CA-R-0830/32-20

(Continued on Next Page)

## MOLDON RUBBER / CAST IRON CORE - MR/CA

(Continued)



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number
10	2-1/2	950	2-3/4	1-3/16	3/4	12-1/4	MR/CA-R-1025/27-12
10	2-1/2	950	2-3/4	1-3/16	7/8	12-3/4	MR/CA-R-1025/27-14
10	2-1/2	950	3-1/4	1-15/16	1	13	MR/CA-R-1025/32-16
10	2-1/2	950	2-3/4	1-15/16	1	12-3/4	MR/CA-R-1025/27-16
10	2-1/2	950	3-1/4	1-15/16	1-1/4	13	MR/CA-R-1025/32-20
10	3	1000	3-1/2	1-15/16	3/4	14	MR/CA-R-1025/35-20
10	3	1000	3-1/4	1-15/16	1	14-1/4	MR/CA-R-1025/32-20
10	3	1000	3-1/2	1.98	1	14	MR/CA-T-1030-12
10	3	1000	3-1/4	1-15/16	1-1/4	14-1/4	MR/CA-R-1030-20
10	3	1000	3-1/2	2.33	1-1/4	14	MR/CA-T-1030-12
10	4	1400	4-1/4	2-7/16	1-1/4	25-1/2	MR/CA-R-1040-20
10	4	1400	4-1/4	2-7/16	1-1/2	25-1/2	MR/CA-R-1040-24
10	4	1400	4-1/2	2-7/16	1	25	MR/CA-T-1040-16
10	4	1400	4-1/2	2-7/16	1-1/4	25	MR/CA-T-1040-20
12	2-1/2	950	3-1/4	1-15/16	1	16	MR/CA-R-1225/32-16
12	2-1/2	950	3-1/4	1-15/16	1-1/4	20	MR/CA-R-1225/32-20
12	2-1/2	950	2-3/4	1-15/16	1	15-1/2	MR/CA-R-1225/27-16
12	3	1200	3-1/4	1-15/16	1	19-1/4	MR/CA-R-1030-16
12	3	1200	3-1/4	1-15/16	1-1/4	19-1/4	MR/CA-R-1030-20
12	3	1200	3-1/2	1-15/16	3/4	19	MR/CA-T-1030-12
12	3-1/2	1500	4-1/4	2-7/16	1-1/4	24	MR/CA-R-1235/42-20
12	3-1/2	1500	4-1/4	2-7/16	1-1/2	24	MR/CA-R-1235/42-24
12	3-1/2	1500	4-1/2	2-7/16	1	23	MR/CA-T-1235/45-16
12	3-1/2	1500	4-1/2	2-7/16	1-1/4	23	MR/CA-T-1235/45-20
12	4	1600	4-1/4	2-7/16	1-1/4	29-1/2	MR/CA-R-1240-20
12	4	1600	4-1/4	2-7/16	1-1/2	29-1/2	MR/CA-R-1240-24
12	4	1600	4-1/2	2-7/16	1	29	MR/CA-T-1240-16
12	4	1600	4-1/2	2-7/16	1-1/4	29	MR/CA-T-1240-20
14	2-1/2	1100	3-3/4	1-15/16	1	18	MR/CA-R-1425/37-10
14	2-1/2	1100	2-3/4	1-15/16	1-1/4	18	MR/CA-R-1425/32-20
14	3	1800	3-1/4	1-15/16	1	23-1/2	MR/CA-R-1430-16
14	3	1800	3-1/4	1-15/16	1-1/4	23-1/2	MR/CA-R-1430-20
16	3	1500	3-1/4	1-15/16	1	40	MR/CA-R-1630-12
16	3	1500	3-1/4	1-15/16	1-1/4	40	MR/CA-R-1630-20
16	4	2000	4-1/4	2-7/16	1-1/4	47-3/4	MR/CA-R-1640-20
16	4	2000	4-1/4	2-7/16	1-1/2	47-3/4	MR/CA-R-1640-24
16	5	2570	5-1/4	2-7/16	1-1/4	60-1/4	MR/CA-R-1650-20
16	5	2570	5-1/4	2-7/16	1-1/2	60-1/4	MR/CA-R-1650-24
16	5	2570	5-1/4	3-1/4	2	60-1/4	MR/CA-R-1650-32
18	3	1550	4-1/4	2-7/16	1-1/4	41-3/4	MR/CA-R-1830-20
18	3	1550	4-1/4	2-7/16	1-1/2	41-3/4	MR/CA-R-1830-24
18	5	2800	5-1/4	2-7/16	1-1/2	83-1/4	MR/CA-R-1850-24
18	5	2800	5-1/4	3-1/16	1-3/4	86	MR/CA-R-1850-28
18	5	2800	5-1/4	3-1/4	2	86	MR/CA-R-1850-32
20	3	1680	4-1/4	2-7/16	1-1/4	64	MR/CA-R-2030-20
20	3	1680	4-1/4	2-7/16	1-1/2	64	MR/CA-R-2030-24
20	5	3020	5-1/4	3-1/4	2	93	MR/CA-R-2050-32



## MOLDON RUBBER HEAVY DUTY / CAST IRON CORE - MR/HD/CA

Capacity Up to 2500 lbs.



Heavy Duty cushion rubber treads are vulcanized to cast iron cores. The soft rubber tread affords a cushion effect to the load and excellent floor protection. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

### Features

- **Wheel face:** Moderate crown
- **Finish:** Black tread on iron core
- **Temperature Range:** -40°F up to +180°F
- **Hardness:** 90-93 Shore A

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Part Number*
3-1/4	1-1/2	340	1-5/8	1-3/16	3/4	MR/HD/CA-R-3215-12
4	1-1/2	400	1-5/8	1-3/16	3/4	MR/HD/CA-R-4215-12
5	1-1/2	560	1-5/8	1-3/16	1/2	MR/HD/CA-R-0515-08
5	1-1/2	560	1-5/8	1-3/16	5/8	MR/HD/CA-R-0515-10
5	1-1/2	560	1-5/8	1-3/16	3/4	MR/HD/CA-R-0515-12
5	2	700	2-3/16	1-3/16	1/2	MR/HD/CA-R-0520-08
5	2	700	2-3/16	1-3/16	5/8	MR/HD/CA-R-0520-10
5	2	700	2-3/16	1-3/16	3/4	MR/HD/CA-R-0520-12
6	2	820	2-3/16	1-3/16	1/2	MR/HD/CA-R-0620-08
6	2	820	2-3/16	1-3/16	5/8	MR/HD/CA-R-0620-10
6	2	820	2-3/16	1-3/16	3/4	MR/HD/CA-R-0620-12
7	1-5/8	760	2	1-3/16	5/8	MR/HD/CA-R-0716-10
7	1-5/8	760	2	1-3/16	3/4	MR/HD/CA-R-0716-12
8	2	1000	2-3/16	1-3/16	5/8	MR/HD/CA-R-0820-10
8	2	1000	2-3/16	1-3/16	3/4	MR/HD/CA-R-0820-12
8	2	1000	2-3/16	1-3/16	7/8	MR/HD/CA-R-0820-14
8	2	1000	2-3/16	1-15/16	1	MR/HD/CA-R-0820-16
8	2-1/2	1300	2-3/4	1-3/16	7/8	MR/HD/CA-R-0825-14
8	2-1/2	1300	2-3/4	1-15/16	1	MR/HD/CA-R-0825-16
10	2-1/2	1500	2-3/4	1-3/16	7/8	MR/HD/CA-R-1025-14
10	2-1/2	1500	2-3/4	1-15/16	1	MR/HD/CA-R-1025-16
10	2-1/2	1500	2-3/4	1-15/16	1-1/2	MR/HD/CA-R-1025-24
10	3	1800	3-1/4	1-15/16	1	MR/HD/CA-R-1030-16
12	2-1/2	1700	2-3/4	1-15/16	1-1/4	MR/HD/CA-R-1225-20
12	2-1/2	1700	2-3/4	1-15/16	1	MR/HD/CA-R-1225-16
16	3	2500	3	2-7/16	1-1/4	MR/HD/CA-R-1630-20

\*PL = Plain Bearing; R = Roller Bearing; P = Pedestal Bearing

## HIGH MODULUS RUBBER / ALUMINUM CORE - HMR/AL

Capacity Up to 450 lbs.



High modulus rubber wheels roll and swivel easier than conventional rubber wheels.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
5	2	300	2-7/16	1-3/16	1/2	2	HMR/AL-P-0520-08
6	2	350	2-7/16	1-3/16	1/2	3	HMR/AL-P-0620-08
8	2	450	2-7/16	1-3/16	1/2	4	HMR/AL-P-0820-08

\*PL = Plain Bearing; R = Roller Bearing; P = Pedestal Bearing

### Features

- **Hardness:** 65-68 Shore A
- Wheels are complete with top hat and spacers
- **Wheel face:** Round tread
- **Finish:** Gray tread on aluminum core
- **Temperature Range:** -40°F to +180°F

## MOLDON RUBBER / ALUMINUM CORE - MR/AL

**Capacity Up to 600 lbs.**



Cushion rubber treads are vulcanized to die cast aluminum core. The soft rubber tread affords a cushion effect to the load and excellent floor protection. These wheels are highly shock absorbing and provide quiet operation, while dampening vibration.

### Features

- **Wheel face:** Moderate crown
- **Finish:** Blue on natural aluminum core. Red or Black or other treads available.
- **Temperature Range:** -40°F up to +180°F
- **Hardness:** 80-83 Shore A

### Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult Acorn™.
- For customization & special application options, please consult Acorn™.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
4	1-1/2	250	1-5/8	1-3/16	1/2	1-1/4	MR/AL-P-0415-08
4	1-1/2	250	1-5/8	1-3/16	5/8	1-1/4	MR/AL-P-0415-10
4	1-1/2	250	1-5/8	1-3/16	3/4	1-1/4	MR/AL-P-0415-12
4	2	400	2-3/16	1-3/16	1/2	1-1/2	MR/AL-P-0420-08
4	2	400	2-3/16	1-3/16	5/8	1-1/2	MR/AL-P-0420-10
4	2	400	2-3/16	1-3/16	3/4	1-1/2	MR/AL-P-0420-12
5	1-1/2	300	1-5/8	1-3/16	1/2	1-1/2	MR/AL-P-0515-08
5	1-1/2	300	1-5/8	1-3/16	5/8	1-1/2	MR/AL-P-0510-10
5	1-1/2	300	1-5/8	1-3/16	3/4	1-1/2	MR/AL-P-0510-12
5	2	500	2-3/16	1-3/16	1/2	2	MR/AL-P-0520-08
5	2	500	2-3/16	1-3/16	5/8	2	MR/AL-P-0520-10
5	2	500	2-3/16	1-3/16	3/4	2	MR/AL-P-0520-12
6	2	550	2-3/16	1-3/16	1/2	2-1/4	MR/AL-P-0620-08
6	2	550	2-3/16	1-3/16	5/8	2-1/4	MR/AL-P-0620-10
6	2	550	2-3/16	1-3/16	3/4	2-1/4	MR/AL-P-0620-12
6	2-1/2	600	3-1/4	1-15/16	1-1/4	10	MR/AL-P-0625-20
8	2	600	2-3/16	1-3/16	1/2	3-1/2	MR/AL-P-0820-08
8	2	600	2-3/16	1-3/16	5/8	3-1/2	MR/AL-P-0820-10
8	2	600	2-3/16	1-3/16	3/4	3-1/2	MR/AL-P-0820-12

\* R = Roller Bearing; T = Tapered Bearing; P = Precision Bearing

# 11 U.S. - Extra Soft Rubber / Polypropylene Core / Crown Tread

## EXTRA SOFT RUBBER / POLYPROPYLENE CORE / CROWN TREAD - XSR/PB/CT

**Capacity** Up to 675 lbs.



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

### Features

- **Wheel Face:** Moderate crown
- **Finish:** Non-marking gray tread on gray core.
- **Temperature Range:** -45°F up to +180°F
- **Hardness:** 85-88 Shore A

### Wheel Options

- For customization & special application options, please consult Acorn™.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
<b>Xtra-Soft Flat Gray Tread / Gray Core XSR/FT (Light Duty) With Delrin Bushings</b>							
3	1-1/4	200	1-1/2	1-1/16	1/2	5/16	XSR/PB/CT-D-0312-08
3-1/2	1-1/4	250	1-1/2	1-1/16	1/2	5/16	XSR/PB/CT-D-3512-08
4	1-1/4	300	1-1/2	1-1/16	1/2	3/8	XSR/PB/CT-D-0412-08
5	1-1/4	325	1-1/2	1-1/16	1/2	3/4	XSR/PB/CT-D-0512-08
6	1-1/4	325	1-1/2	1-1/16	1/2	3/4	XSR/PB/CT-D-0612-08
<b>Xtra-Soft Flat Gray Tread / Gray Core XSR/FT (Medium Heavy Duty) With Prec. Ball Bearings</b>							
4	2	350	2-7/16	1-9/16	1/2	1	XSR/PB/CT-P-0420-08
5	2	375	2-7/16	1-9/16	1/2	1-1/8	XSR/PB/CT-P-0520-08
6	2	500	2-7/16	1-9/16	1/2	1-3/8	XSR/PB/CT-P-0620-08
8	2	500	2-7/16	1-9/16	1/2	2-3/8	XSR/PB/CT-P-0820-08
<b>Xtra-Soft Flat Black Tread (Center Hub) with Pedestal Precision Ball Bearings</b>							
8	1-1/2	350	2.32	1-3/16	1/2	3	XSR/PB/CT-P-0815-08
<b>Xtra-Soft Light Duty Conductive XSR/FT/C With Annular Ball Bearings</b>							
3	1-1/4	200	1-1/2	1-1/16	3/8	5/16	XSR/PB/CT-P-0312-08
3-1/2	1-1/4	250	1-1/2	1-1/16	3/8	5/16	XSR/PB/CT-P-3512-08
4	1-1/4	300	1-1/2	1-1/16	3/8	3/8	XSR/PB/CT-P-0412-08
5	1-1/4	325	1-1/2	1-1/16	3/8	3/4	XSR/PB/CT-P-0512-08
6	1-1/4	325	1-1/2	1-1/16	3/8	3/4	XSR/PB/CT-P-0612-08
<b>Xtra-Soft Medium Heavy Duty Conductive XSR/FT/C with Precision Ball Bearings</b>							
4	2	350	2-7/16	1-9/16	1/2	1	XSR/PB/CT-P-0420-08
5	2	375	2-7/16	1-9/16	1/2	1-1/8	XSR/PB/CT-P-0520-08
6	2	500	2-7/16	1-9/16	1/2	1-3/8	XSR/PB/CT-P-0620-08
8	2	500	2-7/16	1-9/16	1/2	2-3/8	XSR/PB/CT-P-0820-08

\* R = Roller Bearing; T = Tapered Bearing; P = Precision Bearing; D = Delrin Bearing

## EXTRA SOFT RUBBER / POLYPROPYLENE CORE / DONUT TREAD - XSR/PB/DT

**Capacity** Up to 850lbs.



The Ultimate X-tra soft rubber wheels offer the ultimate in ergonomic ease. Whether it's durability, quiet operation, or rollability, these wheels can answer our every application need.

### Features

- **Wheel Face:** Donut tread
- **Finish:** Non-marking gray tread on gray core.
- **Wheels:** Non-marking black tread on grey core
- **Temperature Range:** -45°F up to +180°F
- **Hardness:** 65-68 Shore A

### Wheel Options

- For customization & special application options, please consult Acorn™.

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
<b>Xtra-Soft Round Gray Tread XSR/DTG with Precision Ball Bearing</b>							
3	1-1/4	200	1-1/2	1-1/16	3/8	5/16	XSR/PB/DT-0312-06
3-1/2	1-1/4	250	1-1/2	1-1/16	3/8	5/16	XSR/PB/DT-3512-06
4	1-1/4	300	1-1/2	1-1/16	3/8	3/8	XSR/PB/DT-0412-06
5	1-1/4	325	1-1/2	1-1/16	3/8	3/4	XSR/PB/DT-0512-06
<b>Xtra-Soft Round Gray Tread XSR/DTG with Precision Ball Bearing</b>							
6	2	450	2-7/16	1-9/16	1/2	1-3/8	XSR/PB/DT-0620-08
8	2	500	2-7/16	1-9/16	1/2	2-3/8	XSR/PB/DT-0820-08
<b>Xtra-Soft Round Gray Tread XSR/DTG with Precision Ball Bearing</b>							
10	2-1/2	850	3-1/2	2-7/16	3/4	3	XSR/PB/DT-P-1025-12
10	2-1/2	850	3-1/4	1-15/16	1	3	XSR/PB/DT-P-1025-16
<b>Xtra-Soft Round Black Tread XSR/DTB (Center Hub) With Pedestal Ball Bearing</b>							
10	1-3/4	250	2-1/4	1-3/8	1/2	3	XSR/DTB-P-1017-08
<b>Xtra-Soft Round Black Tread (Hand Truck Wheel Offset Hub) With Precision Bearings</b>							
10	2	250	2-1/4	1-3/8	5/8	3	XSR/PB/DT-P-1020-10
<b>Xtra-Soft Round Conductive Gray Tread With Precision Bearings</b>							
6	2	450	2-7/16	1-9/16	1/2	1-3/8	XSR/DTG/C-P-0620-08
8	2	500	2-7/16	1-9/16	1/2	2-3/8	XSR/DTG/C-P-0820-08

\*PL = Plain Bearing; B = Ball Bearing; P = Precision Bearing; D = Delrin Bearing

## ADVANCED RUBBER / POLYPROPYLENE CORE / FLAT TREAD & ROUND TREAD

**Advanced Rubber (AN) Wheels outperform Polyurethane on rough or irregular floor surfaces :**

- In rollability
- In starting force to overcome obstacles
- Lower noise generated by load on cart
- Lower measured vibration of cart and load

**Advanced Rubber (AN) Wheels are available with Sealed Precision Ball Bearings.**

### Features

- **Maneuverability & Rollability:** Lower coefficient of friction for effort less starts - make turning equipment easier to handle
- **Higher Impact Resistance:** Greatly improves load handling ease by cushioning the ride when rolling over rough or uneven floors - protects equipment from shocks.
- **Reduced Scuffing & Tracking:** Lower housekeeping costs while protecting floor appearance
- **Chemical / Solvent Resistance:** Withstands tough environments, including oil and grease, solvents, chemicals and frequent wash cycles with harsh cleaning compounds.
- **Durability:** Tread and hub materials are physically bonded into a permanent state. Special modulus tread material formulated to resist "chunking" and reject floor contaminants.
- **Versatility:** Available with roller, ball, Celon Bearing or dual sealed precision ball bearings to fit virtually all application requirements. Custom colors are also available on quantity orders. Contact the factory for details.



**FLAT TREAD  
GREY  
(FTG)**

**DONUT TREAD  
GREY  
(DTG)**



**DONUT TREAD GREY (DTG)  
with Precision Bearings**

## ADVANCED RUBBER / POLYPROPYLENE CORE / FLAT TREAD - AN/PB/FT

**Capacity** Up to 675 lbs.



### Features

- **Wheel face:** Moderate Flat Tread gray (FT); Round Tread (RT)
- **Finish:** Black tread on iron core
- **Temperature Range:** -40°F up to +180°F
- **Hardness:** 65±5 Shore A

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
3-1/2	1-1/4	250	1-5/8	1-3/16	3/8	1/2	AN/PB/FT-P-3512-06
4	1-1/4	300	1-5/8	1-3/16	3/8	5/8	AN/PB/FT-P-0412-06
4	2	350	2-1/8	1-3/16	1/2	1-1/4	AN/PB/FT-P-0420-08
5	1-1/4	325	1-5/8	1-3/16	3/8	3/4	AN/PB/FT-P-0512-06
5	2	375	2-1/8	1-3/16	1/2	1-1/4	AN/PB/FT-P-0520-08
6	2	600	2-1/8	1-3/16	1/2	1-5/8	AN/PB/FT-P-0620-08
8	2	675	2-1/8	1-3/16	1/2	2-1/4	AN/PB/FT-P-0820-08

\*PL = Plain Bearing; R = Roller Bearing; P = Pedestal Bearing

Technically superior wheels meet a broad range of light, medium and heavy-duty needs. These wheels roll easy and quietly while resisting impacts and protecting floors. Wheels are non-marking.

## ADVANCED RUBBER / POLYPROPYLENE CORE / ROUND TREAD - AN/PB/RT

**Capacity** Up to 600 lbs.



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number*
4	1-1/4	250	1-5/8	1-3/16	3/8	1/2	AN/PB/RT-P-0412-06
5	1-1/4	300	1-5/8	1-3/16	3/8	5/8	AN/PB/RT-P-0512-06
6	1-1/4	325	1-5/8	1-3/16	3/8	3/4	AN/PB/RT-P-0612-06
6	2	450	2-1/8	1-3/16	1/2	1-5/8	AN/PB/RT-P-0620-08
8	2	600	2-1/8	1-3/16	1/2	2-1/4	AN/PB/RT-P-0820-08

\*PL = Plain Bearing; R = Roller Bearing; P = Pedestal Bearing

**PNEUMATIC WHEELS - SF**

**Capacity Up to 3630 lbs.**

Full Pneumatic (SF) Recommended for the greatest possible protection to both loads and floors. If you transport fragile materials or parts, or if you move delicate instruments over rough floors, you should consider a pneumatic tire. Full pneumatics cushion the load on air, just like an automobile. They must be properly inflated as indicated in wheel table. Can be filled with urethane foam to make them deflation proof, but foam has no effect on capacity. Suitable for extended service.



Available in Black (SF)



Available in Gray (SF/G)

Dia. (in.)	Width (in.)	Capacity (lbs.)	Ply Rating	Hub Length	Air Pressure	Bearing (in.)	Wt. (lbs.)	Part Number
6	2	200	4	2-7/16	50 PSI	1/2	2	SF0622708
8	2	210	4	2-7/16	50 PSI	1/2	3	SF0822708
8.6	2.50/4	220	4	2-3/4	30 PSI	3/4	3	SF0840112
8.6	2.50/4	220	4	3	30 PSI	1/2	3	SF0842708
9.0	2.80/4	295	4	3-1/2	50 PSI	3/4	4-1/4	SF0850112
9.0	2.80/4	295	4	3-1/2	50 PSI	1/2	4-1/4	SF0852708
10.9	4.10/4	350	4	3-1/2	50 PSI	3/4	5-1/2	SF1060112
10.9	4.10/4	350	4	3-1/2	50 PSI	1/2	5-1/2	SF1062708
13.0	4.10/6	445	4	4-1/2	50 PSI	1	6-1/4	SF1270116
13.0	4.10/6	445	4	4-1/2	50 PSI	3/4	6-1/4	SF1272712
13.0	4.10/6	445	4	4-1/2	50 PSI	1	10-1/4	SF1270916
15.1	5.30/6	785	4	4-1/2	65 PSI	1	9	SF1480116
15.1	5.30/6	785	4	4-1/2	65 PSI	3/4	9	SF1482712
16.2	4.80/8	1300	6	6	90 PSI	1	16	SF1680916
16.3	4.80/8	1000	4	4-1/2	70 PSI	1-1/4	12	SF1680120
18.4	5.70/8	1170	4	4-1/2	60 PSI	1-1/4	15	SF1890120
19.0	5.70/8	1590	6	6-1/2	75 PSI	1	25	SF1890916
21.0	6.90/9	2420	10	7	100 PSI	1-1/4	37-1/2	SF2190920
23.5	6.50/10	2775	10	6	100 PSI	1-1/4	38	SF2390920
25.7	7.50/10	3630	10	9	95 PSI	1-1/4	40	SF2590920

01=Roller Bearing, 09=Tapered Bearing, 27=Ball Bearing, 28=Precision Bearing

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length	Bearing ID (in.)	Wt. (lbs.)	Ply Rating	Air Pressure	Part Number
6	2	200	2-7/16	1/2	2	4	50	SF/G0622708
6	2	200	2-7/16	1/2	2	4	50	SF/G0622808
8	2	210	2-7/16	1/2	3	4	50	SF/G0822708
8	2	210	2-7/16	1/2	3	4	50	SF/G0822808
8.6	2.50/4	220	2-3/4	3/4	3	4	30	SF/G0840112
8.6	2.50/4	220	3	1/2	3	4	30	SF/G0842708
8.6	2.50/4	220	3	1/2	3	4	4 30	SF/G0842808
9	2.80/4	295	3-1/2	3/4	4-1/4	4	50	SF/G0850112
9	2.80/4	295	3-1/2	1/2	4-1/4	4	50	SF/G0852708
9	2.80/4	295	3-1/2	1/2	4-1/4	4	50	SF/G0852808
10.9	4.10/4	350	3-1/2	3/4	5-1/2	4	50	SF/G1060112
10.9	4.10/4	350	3-1/2	1/2	5-1/2	4	50	SF/G1062708
10.9	4.10/4	350	3-1/2	1/2	5-1/2	4	50	SF/G1062808

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**BRASS PNEUMATIC REPLACEMENT TIRE - SF/BR**



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Wt. (lbs.)	Part Number
<b>Black Tread</b>							
8	2.50/4	210	2-7/16	1-3/8	1/2	3	SF/BR084270805
<b>Gray Tread</b>							
8	2.50/4	210	2-7/16	1-3/8	1/2	3	SF/BR084270806

## PNEUMATIC HAND TRUCK WHEELS - SF/HT

**Capacity** Up to 350 lbs.



Dia. (in.)	Width (in.)	Capacity (lbs.)	Ply Rating	Hub Length	Air Pressure	Bearing (in.)	Wt. (lbs.)	Part Number
10.5	4.10/4	350	4	2-1/4	50	5/8	2	SF/HT1062710

Hand Truck Wheel (SO) This 4-ply rating tire with offset hub is the perfect answer for all your hand truck replacement needs.

## SEMI-PNEUMATIC / HAND TRUCK WHEELS - SN/HT

**Capacity** Up to 540 lbs.



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Bore (in.)	Bearing (in.)	Part Number
6.2	2.00EHS	200	2-1/4	3/4	3	SN/HT0620112
6.2	2.00EHS	200	2-1/2	1/2	3	SN/HT0622708
8.6	2.50EHS	350	3	3/4	5-3/4	SN/HT0840112
8.6	2.50EHS	350	3	1/2	5-3/4	SN/HT0842708
10.0	2.75EHS	350	3-1/4	3/4	7-1/4	SN/HT1040112
10.0	2.75EHS	350	3-1/4	1/2	7-1/4	SN/HT1042708
12.1	3.00EHS	540	3-1/2	3/4	13-1/2	SN/HT1250112
12.1	3.00EHS	540	3-1/2	1/2	13-1/2	SN/HT1252708

01=Roller Bearing, 09=Tapered Bearing, 27=Ball Bearing, 28=Precision Bearing

Semi-Pneumatic (SN/HT) These shock absorbing pneumatic wheels have no inflation problems, because they are not pressurized. All bearings are pressure lubricated, except the 6" diameter wheels, which must be lubricated through the hollow axle.

## PNEUMATIC WHEELS - NF/SZ

**Capacity** Up to 440 lbs.



Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Length (in.)	Tread Style	Bearing (in.)	Part Number
6	2	250	2-7/16	Lug	1/2	NF/SZ0622708
8	2	280	2-7/16	Lug	1/2	NF/SZ0822708
8	2	280	2-1/4 (Offset)	Lug	5/8	NF/SZ0822710H
8	2-1/2	350	3-1/2	Lug	1/2	NF/SZ0842708
8	2-1/2	350	2-1/4 (Offset)	Lug	5/8	NF/SZ0842710H
10	3-1/2	440	3-3/4	Ribbed	1/2	NF/SZ1062708
10	3-1/2	440	2-1/4 (Offset)	Ribbed	5/8	NF/SZ1062710H

01=Roller Bearing, 09=Tapered Bearing, 27=Ball Bearing, 28=Precision Bearing

The NF/SZ wheel provides you with all the benefits of pneumatic tire, without the hassle of getting a flat. These maintenance-free wheels, constructed of solid monoprene material, which rejects debris, offer the same great features of a pneumatic wheel, but will not go flat.



## NEVER FLAT TIRES - NF

Capacity Up to 350 lbs.



Looks and performs similar to pneumatic wheels, but without the hassles of air pressure maintenance and flat tire repair. Also reduces maintenance time and expense. Closed cell expanded foam construction resists water absorption (unlike others currently in the marketplace)

**Features**

- Radial sawtooth tread for easy maneuverability and traction (radial tread on 8" model)
- Quiet, smooth operation
- Non-marking for superior floor protection
- Rolls over obstacles with ease and absorbs shock to protect cargo

Dia. (in.)	Width (in.)	Capacity (lbs.)	Hub Description	Bearing ID (in.)	Wt. (lbs.)	Part Number
8	2-1/2	300	Offset 1-Piece Hub	1/2	2-1/4	NF0852708
8	2-1/2	300	Offset 1-Piece Hub	5/8	2-1/4	NF0852710
8	2-1/2	300	Centered 1-Piece Hub	1/2	3	NF0852708C
8	2-1/2	300	Offset 3-Piece Hub	1/2	2-1/4	NF0852708T
8	2-1/2	300	Offset 3-Piece Hub	5/8	2-1/4	NF0852710T
8	2-1/2	300	Centered 3-Piece Hub	1/2	3	NF0852708CT
8	2-1/2	300	Centered 3-Piece Hub	5/8	3	NF0852710CT
8	3	300	Offset 1-Piece Hub	1/2	4	NF0852708
8	3	300	Offset 1-Piece Hub	5/8	4	NF0852710
8	3	300	Centered 1-Piece Hub	1/2	4	NF0852708C
8	3	300	Offset 3-Piece Hub	1/2	4	NF0852708T
8	3	300	Offset 3-Piece Hub	5/8	4	NF0852710T
8	3	300	Centered 3-Piece Hub	1/2	4	NF0852708CT
8	3	300	Centered 3-Piece Hub	5/8	4	NF0852710CT
10	3-1/2	350	Offset 1-Piece Hub	1/2	5	NF1062708
10	3-1/2	350	Offset 1-Piece Hub	5/8	5	NF1062710
10	3-1/2	350	Offset 3-Piece Hub	1/2	5	NF1062708T
10	3-1/2	350	Offset 3-Piece Hub	5/8	5	NF1062710T
10	3-1/2	350	Centered 1-Piece Hub	5/8	5	NF1062710C
10	3-1/2	350	Centered 3-Piece Hub	1/2	5	NF1062708CT
10	3-1/2	350	Centered 3-Piece Hub	5/8	5	NF1062710CT

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