

# **COLSON**

**By**

# **SERVICE CASTER CORP.**

**1-800-215-8220**



**Service Caster Corp., 9 First Avenue, West Reading, PA 19611**

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## How to Select the Proper Caster & Wheel

There is no simple formula or rule that can be followed in selecting the proper casters. Many varying and individual factors must be balanced to make the selection which will do the best job for you. The following are several of the more important considerations.

**Load Weight.** The heavier the load, the larger the wheel required for the caster. The weight of the load also influences the mobility of the wheel. Roller or ball bearings are recommended for loads over 400 pounds. Weight capacities are shown for each caster in this catalog.

**Floor Conditions.** Make sure the wheel you select is large enough to pass over cracks in the floor, tracks, moldings and other obstructions. For floor protection on linoleum, tile, carpet, etc., use polyurethane or Performa rubber wheels.

**Unusual Conditions.** Each wheel material has certain characteristics which will give the best results where unusual conditions exist. For example, where acids, oils, chemicals and other conditions harmful to rubber are present, Colson polyurethane, polyolefin, Maxim, phenolic or steel wheels are recommended. Check conditions, then select caster and wheel.

**Rolling Ease.** The larger the wheel diameter, the easier it rolls. Roller bearings carry heavier

loads. Ball bearings roll easier but carry lesser loads. When possible, use the largest ball bearing wheel for best results.

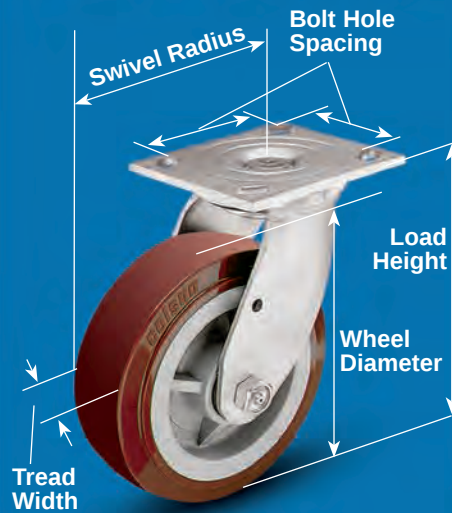
**Extreme Climates.** Room temperatures are no problem for most casters. But extreme cold or heat can be a problem. Colson helps solve this problem with "Colson 45"...the green lube which assures caster rolling ease from 45°F below zero to 260°F above. It's standard on all Colson casters. (**Note: Some wheel types should not be used in extreme temperature ranges. Consult factory.**) See the chart on

pages 14-15 for a general description of wheel floor surfaces and operating conditions.

### YOUR LOCAL DISTRIBUTOR

Colson casters are available from stocking distributors across the U.S., Canada & Mexico. Each is a caster specialist who can help you select the proper caster to suit your needs. Visit our web site: ([www.colsoncaster.com](http://www.colsoncaster.com)), or contact us for details at 1-800-643-5515.

### Caster Terms



### Wheel Terms

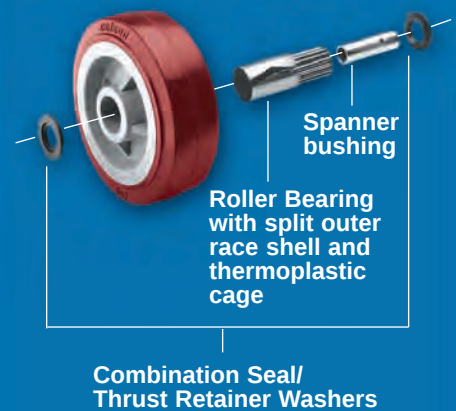


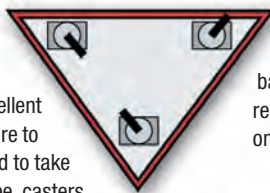
Photo above shows typical wheel. Bearings, bushings, etc. may vary with different wheel types.

## Caster Combinations for Trucks

In building, repairing and refurbishing mobile equipment, various effective caster combinations may be used. Several types of mountings are illustrated below.

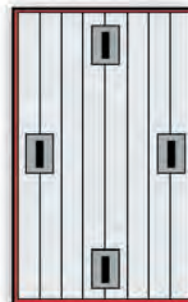
### Three Swivel.

For barrel dollies and small portable machines. Affords excellent maneuverability. Be sure to select casters designed to take the weight load on three casters rather than the usual four.

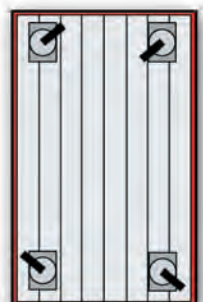


**Tilt Mounting.** A tilt mounting is the most economical, but should be limited to lighter loads.

The tilt is best when the load wheels are 1/8" taller than the balance wheels. Not recommended for use on ramps.

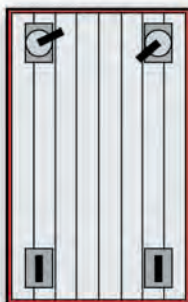


**Four Swivel.** Where a side motion is frequently needed, the four swivel arrangement is excellent. If the casters are equipped with swivel locks, this mounting is also practical for long straight travel as well as use on ramps. A most versatile arrangement.



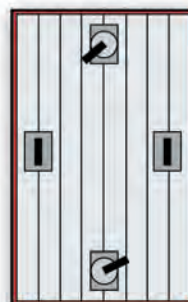
### Two Rigid, Two Swivel.

Most practical and inexpensive arrangement for straight and/or long distances. Can be used for heavy or medium loads, depending upon the weight capacity of the casters selected.



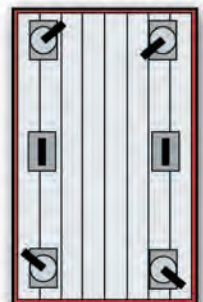
### Diamond Mounting.

Two rigid and two swivel casters, but the diamond shaped mounting greatly increases maneuverability. This mounting is not recommended for ramps.



### Four Swivel, Two Rigid.

This is a level mounting design for heavy loads and long trucks. The two rigid casters help to distribute and reduce the load on the swivel units and thereby maintain good maneuverability and easy steering.



HOW TO SELECT

# Caster Model Numbering System

## Caster Model Number

### Prefix

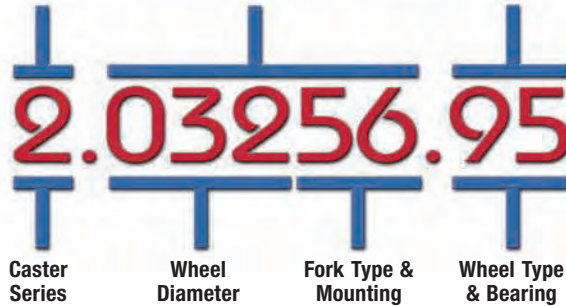
The prefix number shows the caster Series: 1 thru 8 Series with capacities ranging from 60 lbs to 8,000 lbs each.

### Body

The body number shows the wheel diameter and type of fork mounting (swivel, rigid, stem).

### Suffix

The suffix number shows the type of wheel material and bearing.



The above caster model number is a 2 Series caster with swivel top plate fork and polyurethane tread wheel (HI-TECH).

Note: The replacement fork model number is the same as above except the wheel suffix is not included (For example 2.03256).

## Wheel Model Number

### Prefix

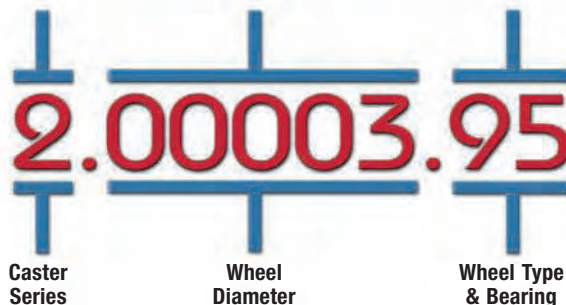
The prefix number shows the wheel Series: 1 thru 8 Series ranging from 60 lbs up to 8,000 lbs each.

### Body

The body number shows the wheel diameter.

### Suffix

The suffix number shows the type of wheel material and bearing, and when applicable, the wheel tread width.



The above caster wheel model number is a 2 Series wheel with a diameter of 3<sup>1</sup>/<sub>2</sub>", made with polyurethane tread and ball bearing.

Note: The diameter code is usually, but not always the diameter of the wheel (for example, the diameter code 3 could denote 3", 3<sup>1</sup>/<sub>4</sub>" and 3<sup>1</sup>/<sub>2</sub>" wheels). Please check wheel chart for actual diameter of wheel.

### IMPORTANT NOTICE • CAPACITY RATINGS

Caster and wheel capacities shown in this catalog are based on normal operating conditions as defined by the Institute of Caster Manufacturers (ICM). Normal operating conditions, as defined by the ICM, consist of manual operations on a relatively smooth surface (such as concrete) with normal minor obstacles. All bearings must be properly lubricated. Conditions of excessive temperature and/or dirt will reduce ratings. **Do not exceed the capacity ratings published in this catalog.**

### CUSTOMER RESPONSIBILITIES

1. If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race.
2. The stem shoulder must fit tightly against the customer equipment.
3. It is the customer's responsibility to mount the caster in a workmanlike manner so there will be no risk to operator safety.
4. It is customer's responsibility to determine the fitness of the caster for its application.

HOW TO SELECT

## Wheel Selection Guide

### FLOOR SURFACES

| WHEEL TYPE                 | CAPACITY (LBS EACH) | TEMPERATURE RANGE* (FAHRENHEIT) | CARPET | BRICK | CONCRETE | LINOLEUM | ASPHALT | TERRAZZO | WOOD | SMOOTH STEEL | RIBBED STEEL | TILE |
|----------------------------|---------------------|---------------------------------|--------|-------|----------|----------|---------|----------|------|--------------|--------------|------|
| Performa Rubber            | 60 → 325            | -45 to +180° <sup>1</sup>       | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Moldon Nylon               | 1000 → 1500         | -45 to +180°                    | ✓      | ✓     | ✓        |          |         |          | ✓    | ✓            |              |      |
| Polyurethane HI-TECH       | 100 → 1700          | -45 to +180°                    | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Polyurethane (Round Tread) | 1000 → 1450         | -45 to +180°                    | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Polyolefin                 | 75 → 900            | -45 to +180°                    | ✓      | ✓     | ✓        |          |         |          | ✓    | ✓            |              |      |
| Phenolic                   | 300 → 4000          | -45 to +180°                    | ✓      | ✓     | ✓        |          |         | ✓        | ✓    |              |              |      |
| Moldon Rubber              | 540 → 1140          | -45 to +160°                    | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Moldon Polyurethane        | 600 → 4800          | -45 to +180°                    | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Cast Iron                  | 200 → 4000          | -45 to +500°                    |        |       | ✓        |          |         |          | ✓    |              |              |      |
| Forged Steel               | 1400 → 3500         | -45 to +180°                    |        |       | ✓        |          |         |          | ✓    |              |              |      |
| V-Groove                   | 800 → 8000          | -45 to +180°                    |        |       | ✓        |          |         |          | ✓    |              |              |      |
| Pneumatic                  | 300 → 340           | -20 to +160°                    | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Thermo                     | 600 → 1000          | -70 to +525° <sup>2</sup>       | ✓      | ✓     | ✓        |          |         |          | ✓    | ✓            |              |      |
| ThermoTech                 | 60 → 250            | -45 to +525° <sup>3</sup>       | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Endura                     | 1000 → 1200         | -40 to +230°                    | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |
| Maxim                      | 700 → 1400          | -45 to +350°                    | ✓      | ✓     | ✓        | ✓        | ✓       | ✓        | ✓    | ✓            | ✓            | ✓    |

<sup>1</sup> 180° intermittent service; 120° continuous service

<sup>2</sup> 525° intermittent service; 480° continuous service

<sup>3</sup> 525° intermittent service; 490° continuous service

See Wheel Section (pages 80-105) for information regarding higher operating temperature ranges.

## Performa Rubber Chemical Chart

| Substance                      | Rating | Substance                     | Rating | Substance         | Rating | Substance              | Rating |
|--------------------------------|--------|-------------------------------|--------|-------------------|--------|------------------------|--------|
| <b>Organics &amp; Solvents</b> |        | Methyl ethyl ketone           | F      | Acetic, 75%       | G      | <b>Alkalies</b>        |        |
| Acetone                        | G      | Oakite (floor cleaner)        | E      | Acetic, glacial   | G      | Tartaric               | F      |
| Alcohol, butyl                 | G      | Orangeve                      | X      | Boric             | G      | Ammonium hydroxide     | G      |
| Alcohol, ethyl                 | G      | Naptha                        | F      | Butyric           | G      |                        |        |
| Alcohol, methyl                | G      | Nitrobenzene                  | X      | Chromic           | F      | Calcium hydroxide      | G      |
| Aniline                        | G      | Phenol                        | X      | Citric            | G      | Potassium hydroxide    | G      |
| Benzene                        | X      | Toluene                       | X      | Fluoboric         | G      | Sodium hydroxide       | G      |
| Bravo (wax stripper diluted)   | E      | Trichloroethylene             | X      | Hydrobromic, 25%  | G      |                        |        |
| Carbon disulfide               | X      | Varsol                        | X      | Hydrochloric, 10% | G      | <b>Acids</b>           |        |
| Carbon tetrachloride           | X      | Vestalene (detergent diluted) | E      | Hydrofluoric      | F      | Acid salts             | G-F    |
| Chlorobenzene                  | X      | Urine                         | E      | Lactic            | F      |                        |        |
| Chloroform                     | X      |                               |        | Nitric, 5%        | G      | Alkaline salts         | G      |
| Colson 45 lubricant            | G      | <b>Gases</b>                  |        | Nitric, 65%       | X      | Neutral salts          | G      |
| Enclean SS-2 (parts cleaner)   | X      | Carbon dioxide                | G      | Oleic             | X      | Miscellaneous salts:   |        |
| Ethyl acetate                  | F      | Carbon monoxide               | G      | Oleum             | G      | Potassium dichromate   | G      |
| Ethylene chloride              | G      | Chlorine, wet                 | F      | Oxalic            | G      | Potassium permanganate | G      |
| Ethylene dichloride            | F      | Chlorine, dry                 | F      | Phosphoric, 25%   | G      | Salt water             | G      |
| Ethyl ether                    | G      | Hydrogen sulfide              | G      | Phosphoric, 85%   | G      | Sodium cyanide         | G      |
| Formaldehyde, 37%              | G      | Sulfur dioxide, wet           | F      | Sulfuric, 10%     | G      | Sodium ferricyanide    | G      |
| Gasoline                       | X      | Sulfur dioxide, dry           | F      | Sulfuric, 78%     | F      | Sodium hypochlorite    | G      |
| Heptane                        | X      | <b>Acids</b>                  |        | Tannic            | G      |                        |        |
| Methylene chloride             | X      | Acetic, 10-50%                | G      |                   |        |                        |        |

E=Excellent G=Good F=Fair X=Unacceptable

### IMPORTANT NOTICE - CHEMICAL RESISTANCE CHART GUIDELINES

This chart lists an extensive range of chemicals, solvents and gases. Examine the listings in this chart to determine if your application is considered compatible with Performa wheels. Ratings are at 72°F. Concentrations of aqueous solutions

are saturated except where noted. Information in this chart is based on laboratory tests and results may vary in actual caster applications. Field testing is recommended to confirm compatibility with your particular application. For information on the compatibility of other fluids and chemicals, please contact the factory.

## Wheel Selection Guide

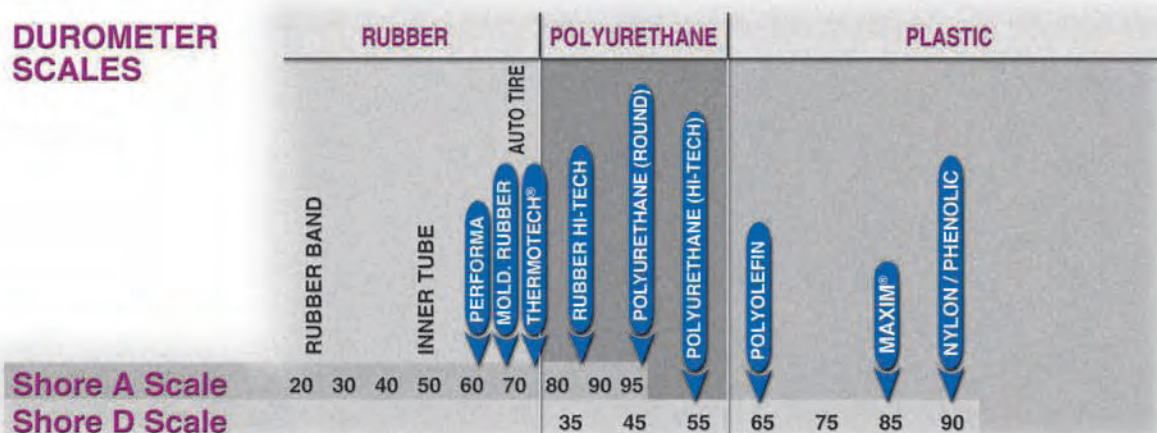
| OPERATING CONDITIONS |       |                  |              |             |                    |                      |             |                 |                  |              | DURO-METER RATINGS | CATALOG PAGE NUMBER | WHEEL TYPE                 |
|----------------------|-------|------------------|--------------|-------------|--------------------|----------------------|-------------|-----------------|------------------|--------------|--------------------|---------------------|----------------------------|
| WATER                | STEAM | MILD CHEMICALS** | OIL & GREASE | METAL CHIPS | HIGH HEAT (+250°F) | EXTREME COLD (-45°F) | ANIMAL FATS | NOISE REDUCTION | FLOOR PROTECTION | CUSHION LOAD |                    |                     |                            |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 65(±5)A            | 80-86               | Performa Rubber            |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 70(±5)D            | 94                  | Moldon Nylon               |
| ✓**                  | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 55(±5)D            | 90-91               | Polyurethane HI-TECH       |
| ✓**                  | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 70(±5)D            | 90                  | Polyurethane (Round Tread) |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 65(±5)D            | 96-97               | Polyolefin                 |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 90(±5)D            | 100-101             | Phenolic                   |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 70(±5)A            | 88-89               | Moldon Rubber              |
| ✓**                  | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 45(±5)D            | 92-93               | Moldon Polyurethane        |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | —                  | 102-103             | Cast Iron                  |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | —                  | 104                 | Forged Steel               |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | —                  | 105                 | V-Groove                   |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | —                  | 87                  | Pneumatic                  |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 85(±5)D            | 99                  | Thermo                     |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 75(±5)A            | 99                  | ThermoTech                 |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 63(±5)D            | 95                  | Endura                     |
| ✓                    | ✓     | ✓                | ✓            | ✓           | ✓                  | ✓                    | ✓           | ✓               | ✓                | ✓            | 85(±5)D            | 98                  | Maxim                      |

\*\*Intermittent contact at room temperature only. \*\*\*Consult factory for harsh chemicals.

This chart is designed to provide the user with a general comparison of Colson wheel types under a variety of floor surfaces and operating conditions. For specific applications or unusual conditions, please consult factory.

## Wheel Hardness Chart

### DUROMETER SCALES



## Wheel Selection

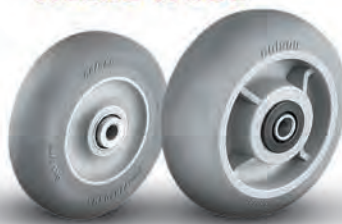
### Performa Rubber Flat Tread



#### For 1-8 Series Casters

Grey or black non-marking thermoplastic elastomer tread bonded to polyolefin core. Polyolefin core is ribbed for added strength on 3-7 Series Wheels (See pages 80-82).

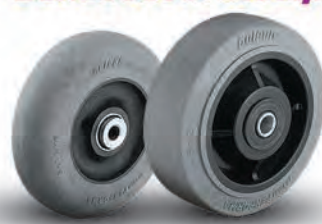
### Performa Rubber Round Tread



#### For 2-6 Series Casters

Grey non-marking thermoplastic elastomer tread bonded to polyolefin core. Polyolefin core is ribbed for added strength on 5 Series Wheels (See pages 80, 83).

### Performa Rubber Conductive/Dissipative



#### For 2-6 Series Casters

Grey non-marking conductive thermoplastic elastomer tread bonded to polyolefin core. Polyolefin core is ribbed for added strength on 3-5 Series Wheels (Consult factory). (See pages 84-85).

### Performa Rubber Handtruck



#### 4-5 Series Wheels

New models! Round or flat, black or grey non-marking thermoplastic elastomer tread bonded to ribbed polyolefin core (See page 86).

### Moldon Rubber Cast Iron Core



#### For 5-7 Series Casters

Cushion rubber tread bonded to cast iron core (See page 89).

### Moldon Rubber Aluminum Core



#### For 6-8 Series Casters

Cushion rubber tread bonded to aluminum core (See page 88).

### Pneumatic Rubber



#### For Pneumatic Casters

Rubber tread with separate inner tube mounted on heavy gauge steel wheel discs (See page 87).

### Phenolic



#### For 2-8 Series Casters

Molded macerated fabric filled with phenolic resin plastic (See pages 100-101).

### Light Duty Rubber and QuickStart



#### For 1-2 Series Casters

(From Left to Right) 2 Series Rubber HI-TECH bonded to Polyolefin core, 1 Series hard or soft rubber, and 2 Series Quickstart (See page 87).

### Polyurethane HI-TECH and Round Tread



#### For 1-8 Series Casters

Red polyurethane tread mechanically locked to polyolefin core. Polyolefin core is ribbed for added strength on 3-7 Series Wheels (See pages 90-91).

## Wheel Selection

### Moldon Polyurethane Cast Iron Core



**For 5-7 Series Casters**  
Polyurethane tread bonded  
to cast iron core  
(See page 93).

### Moldon Polyurethane Aluminum Core



**For 5-8 Series Casters**  
Polyurethane tread bonded  
to aluminum core  
(See page 92).

### Moldon Nylon Aluminum Core



**For 5 Series Casters**  
Nylon tread bonded  
to aluminum core  
(See page 94).

### Endura Solid Elastomer



**For 5 Series Casters**  
Special solid elastomer  
material allows easier rolling  
under heavy loads  
(See page 95).

### Maxim<sup>®</sup>



**For 3-5 Series Casters**  
Exclusive ultra tough thermo-  
plastic resists hard impacts and  
drop-shocks. (See page 98).

### Polyolefin



**For 1, 2, 3 & 5 Series Casters**  
Durable polyolefin wheels. Polyolefin core  
is ribbed for added strength on  
3-5 Series Wheels (See pages 96-97).

### Thermo



**For 2-5 Series Casters**  
Handles extreme temperatures  
even under heavy loads  
(See page 99).

### ThermoTech<sup>®</sup>



**For 2 Series Casters**  
Quiet rolling, non-marking,  
floor protection and handles  
the heat! (See page 99).

### Cast Iron



**For 2-8 Series Casters**  
High grade cast iron steel  
(See pages 102-103).

### Forged Steel



**For 5-8 Series Casters**  
Dropped forged heavy duty  
wheels (See page 104).

### V-Groove



**For 5-7 Series Casters**  
Cast iron wheels V-grooved  
for use on inverted angle iron  
track (See page 105).

# CASTER OPTIONS



## 1 Series General Duty Side Lock Brake

**Capacity up to 135 lbs each**

The 1 Series General Duty Brakes are available for plate models with TPR wheels only. Brake is easily operated with foot action. These brakes are not

field installable. You can specify the brake on select 3" and 4" diameter models. To order with caster specify "BRK3" (see page 17).



## 1 Series Side Lock Brake

**Capacity up to 145 lbs each**

The ends of brake spring are crimped so that they grab the wheel at four contact points. They provide extra holding power on a variety of wheel surfaces. Brake is easily operated with foot action.

Available on 3", 4", and 5" wheels. 1 Series brakes cannot be used with thread guards. To order with caster specify "BRK3" (see pages 18-29). To field install, see kit numbers below.

| Wheel Dia.                       | Kit Number | Swivel Radius |
|----------------------------------|------------|---------------|
| <b>(75 lbs Capacity Models)</b>  |            |               |
| 3"                               | 11.3000    | 2 11/16"      |
| <b>(145 lbs Capacity Models)</b> |            |               |
| 3"                               | 11.3200    | 3"            |
| 4"                               | 11.4200    | 3 9/16"       |
| 5"                               | 11.5200    | 4 1/16"       |



## 2 Series Total Lock Brake

**Capacity up to 325 lbs each**

Total lock brake locks wheel and swivel simultaneously. The brake design features durable metal construction with a thermoplastic pedal. Virtually maintenance free operation. Brake is easily

operated with foot action. Works on 3 1/2", 4" and 5" 2 Series models. To order with caster specify "BRK5" (see pages 30-43). To field install, see kit numbers below.

### Total Lock: Locks Wheel and Swivel

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 3 1/2"     | 52023.03   | 4 9/16"       |
| 4"         | 52023.04   | 4 5/8"        |
| 5"         | 52023.05   | 4 11/16"      |



## 2 Series Side Lock Brake

**Capacity up to 325 lbs each**

Colson Side Lock brake provides positive braking action on all types of wheels. Special cam activated brake mechanism locks firmly and is easy to

engage and disengage. To order with caster specify "BRK1" (see pages 30-43). To field install, see kit numbers below.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 2 1/2"     | 52023.62   | 3 13/16"      |
| 3"         | 52020.96   | 3 5/8"        |
| 3 1/2"     | 52020.93   | 3 5/8"        |
| 4"         | 52020.94   | 3 11/16"      |
| 5"         | 52023.65   | 3 15/16"      |

## 2 Series Tech Lock® Brake Stainless Steel Models

**Capacity up to 325 lbs each**

Constructed of durable, light-weight engineered thermoplastics. Ideally suited for wet or corrosive conditions. Toe operation holds heavy loads securely. Advanced design of the brake pad holds a variety of wheel types. Only two moving

parts. Virtually maintenance free operation. Temperature range: -30°F to +250°F. To order with caster specify **"BRK2"** (see page 44). To field install, see kit numbers below. U.S. Patent 288285.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 4"         | 05215.44   | 5 5/8"        |
| 5"         | 05215.45   | 6 1/8"        |



## 2 Series LoPro Brake

**Capacity up to 210 lbs each**

Brake design places a positive locking force against the wheel hub to hold loads securely. Large foot pedal makes brake easy to operate and provides easy foot placement. Brake is not field installable

and is only available on the 3" model. The swivel radius of caster is 2 11/16" with the brake. To order with caster, specify **"BRK3."** See page 45.



## 3 Series Tread Lock Brake

**Capacity up to 400 lbs each**

All swivel casters in the 3 Series are available with brakes. Colson's Tread Lock brake gives positive braking action on all types of wheels by engaging a rubber brake shoe directly against the tread surface of the wheel. A self-compensating spring maintains

the effectiveness of the brake throughout the life of the wheel. Thread guards can also be used with this brake. Brake pedals are rugged .090 steel & zinc plated. To order on a caster specify **"BRK1."** See pages 46-49.

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 3"         | 05210.14   | 3 11/16"      |
| 4"         | 05210.05   | 3 13/16"      |
| 5"         | 05225.61   | 4 1/8"        |
| 6"         | 05225.62   | 4 5/8"        |



## 4 Series Side Lock Brake

**Capacity up to 1400 lbs each**

Brake design places a positive locking force against the wheel hub to hold loads securely. Larger foot pedal makes brake easier to operate and provides better foot placement. Brake can be actuated from either end of

the pedal for greater convenience. Available on Colson 4 Series casters with 2" tread width wheels equipped with roller bearings. To order with caster specify **"BRK3"** (see pages 50-57). To field install, see kit numbers below. U.S. Patent 5,402,864.

| Wheel Dia. | Kit Number | Wheels Brakes Work On                                                         |
|------------|------------|-------------------------------------------------------------------------------|
| 4"-5"      | 05128.30   | Steel wheels, Phenolic, Nylon, Moldon Polyurethane, Moldon Rubber, Pneumatics |
|            | 05128.32   | Performa, Polyolefin, Polyurethane HI-TECH, Thermo, Maxim, Endura             |
| 6"-8"      | 05128.29   | Steel wheels, Phenolic, Nylon, Moldon Polyurethane, Moldon Rubber             |
|            | 05128.31   | Performa, Polyolefin, Polyurethane HI-TECH, Thermo, Maxim, Endura             |

Kit includes brake cam, metal retainer washer, brake lever, flanged bushing, spring washer, axle, lock nut, Torrington-style bearing (Plastic wheels). Note: works with roller bearing or one piece Delrin bearing models. Stainless steel side lock brake kit #05214.24.



**CASTER OPTIONS**



## 4 Series Tech Lock® Brake

Capacity up to 1250 lbs each

Constructed of durable, light-weight engineered thermoplastics. Ideally suited for wet or corrosive conditions. Toe operation holds heavy loads securely. Advanced design of the brake pad holds a variety of wheel types. Only two moving parts. Virtually maintenance free operation. Temperature

range: -30°F to +250°F. To order with caster specify "BRK2" (see pages 50-55). To field install, see kit numbers below. Available on all 4 Series casters except Swivel Lock and 4 Series IMPAK models. U.S. Patent 288285.

### Improved Design



New design with grip ridge for mechanical lock that securely fastens brake to fork

Old design without grip ridge

| Wheel Dia. | Kit Number Standard | Kit Number Stainless | Swivel Radius |
|------------|---------------------|----------------------|---------------|
| 4"         | 05944.44            | 05944.94             | 6 9/32"       |
| 5"         | 05944.45            | 05944.95             | 6 5/8"        |
| 6"         | 05944.46            | 05944.96             | 7 3/8"        |
| 8"         | 05944.48            | 05944.98             | 8 7/16"       |



## 4 & 5 Series Rigid Tech Lock® Brake

Capacity up to 1400 lbs each

New brake is designed for rigid models! Contemporary design features thermoplastic construction to resist rust and corrosion. New design has a grip ridge for

mechanical lock that securely fastens brake to fork (see diagram above). To order specify "BRK2" (see pages 50-59).

| Wheel Dia. | Kit Number Standard | Kit Number Stainless | Swivel Radius |
|------------|---------------------|----------------------|---------------|
| 6"         | 05944.86            | 05944.87             | 7 3/8"        |



## 4 Series Total Lock® Brake

Capacity up to 1250 lbs each

With a simple press of the foot, you can lock both wheel and swivel in any position. Simply press again to release brake. Low angle pedal design

makes foot access easy for convenient operation. Contemporary design features thermoplastic construction to resist rust and corrosion. Available for 4 Series 5" x 2" and 6" x 2" wheels with capacities from 450 lbs to 1,250 lbs per caster. Not available on 4 Series IMPAK models. New design has a grip ridge for mechanical lock that securely fastens brake to fork (see diagram above). To order specify "BRK4" (see pages 52-53).

| Wheel Dia. | Kit Number | Swivel Radius |
|------------|------------|---------------|
| 4"         | 05906.12   | 6 5/8"        |
| 5"         | 05906.11   | 7 1/16"       |
| 6"         | 05906.09   | 7 3/8"        |
| 8"         | 05906.13   | 8 1/2"        |

Kit includes brake assembly housing, axle, washer and nut. Note: fork assembly must have slotted lower race.



## 4, 5 & 6 Series Tread Lock Brake

Capacity up to 1500 lbs each

Available on 4, 5, and 6 Series casters. This adjustable brake can be installed in the field or ordered assembled onto the caster. The toe activated brake features positive engagement via rubber faced plate

(Not available on V-groove wheel models or 2 1/2" tread width wheels). To order with caster specify "BRK1" (see pages 50-63). To field install, see kit numbers below. U.S. Patent 5,497,856.

| Wheel Dia. | Kit Number | Standard 4 Series Swivel Radius | Standard 5 & 6 Series Swivel Radius | 4 & 6 IMPAK Swivel Radius | Replacement Brake Pad Model Number |
|------------|------------|---------------------------------|-------------------------------------|---------------------------|------------------------------------|
| 4"         | 05944.24   | 5 5/16"                         | 5 3/8"                              | 5 3/16"                   | 59044.45                           |
| 5"         | 05944.25   | 6 5/8"                          | 6 9/16"                             | 6 1/2"                    |                                    |
| 6"         | 05944.26   | 7 5/16"                         | 7 1/8"                              | 6 7/8"                    |                                    |
| 8"         | 05944.28   | 8 1/2"                          | 8 9/16"                             | 8 3/8"                    |                                    |

Kit includes brake assembly, axle, locknut.

## 7 & 8 Series Enforcer Tread Lock Brake

The toe activated brake features positive engagement via a single rubber-faced plate. Available on 7 & 8 Series Enforcer casters. Not available on V-Groove wheels. **Consult Factory for capacity and specifications.**

| 7 Series       |            | 8 Series       |            |
|----------------|------------|----------------|------------|
| Wheel Diameter | Kit Number | Wheel Diameter | Kit Number |
| 6"             | 05962.41   | 6"             | 05962.45   |
| 8"             | 05962.42   | 8"             | 05962.46   |
| 10"            | 05962.43   | 10"            | 05962.47   |
| 12"            | 05962.44   | 12"            | 05962.48   |

## 4-8 Series Swivel Locks

**Capacity up to 8000 lbs each**

Swivel locks quickly convert swivel casters to rigid casters for straight-line tracking. A spring-loaded, hand operated plunger is engaged to fit into slots on the swivel raceway. To engage the lock, simply pull out plunger and turn until spring action inserts plunger in notches on raceway. To disengage the lock, simply pull out plunger and turn so plunger is not inserted in notches on raceway. Colson offers 3 types of hand operated swivel locks.

### Welded Models

| Series                       | Mounting Code |
|------------------------------|---------------|
| 4 Series (Standard)          | MTG51         |
| 4 Series with MTG2 Top Plate | MTG52         |
| 4 Series with MTG4 Top Plate | MTG54         |
| 5 Series (Standard)          | MTG52         |
| 6 Series (Standard)          | MTG52         |
| 7 Series (3500 Capacity)     | MTG51         |

### Bolt-On Models

| Series                       | Mounting Code | Field Install Model No. |
|------------------------------|---------------|-------------------------|
| 4 Series (Standard)          | MTG61         | 05213.61                |
| 4 Series with MTG2 Top Plate | MTG62         | 05213.62                |
| 4 Series with MTG4 Top Plate | MTG64         | 05213.64                |
| 5 Series (Standard)          | MTG62         | 05256.62                |
| 6 Series (Standard)          | MTG62         | 05256.62                |



**Welded Swivel Locks:** These welded swivel locks are factory installed only. They lock in 90° intervals on 4, 5, and 6 Series and 180° intervals on 7 Series. To order see the "Welded Models" chart below.

**Bolt-On Swivel Locks:** The bolt-on swivel locks are field installable only, but require that the fork yoke base have the notches at 90° intervals. Available on 4-6 series casters. To order see the "Bolt-On Models" chart below.

### Kingpinless Swivel Locks:

Kingpinless casters already have the notches in the raceway, so it is possible to field install. They lock in 90° intervals. Simply bolt swivel lock on when you install on equipment. Available on 4, 6, 7 and 8 series casters. To order see the chart below.

### Kingpinless Swivel Lock Models

| Series                                    | Mounting Code | Field Install Model Number |
|-------------------------------------------|---------------|----------------------------|
| 4 & 6 Series IMPAK (Standard)             | MTG62         | 05212.62                   |
| 4 & 6 Series IMPAK with MTG1 Top Plate    | MTG61         | 05212.61                   |
| 4 & 6 Series IMPAK with MTG4 Top Plate    | MTG64         | 05212.64                   |
| 4 Series Enforcer (Standard)              | MTG61         | 05213.61                   |
| 4 Series Enforcer with MTG2 Top Plate     | MTG62         | 05212.62                   |
| 4 Series Enforcer with MTG4 Top Plate     | MTG64         | 05212.64                   |
| 7 & 8 Series Enforcer (Standard)          | MTG61         | 05278.61                   |
| 7 & 8 Series Enforcer with MTG2 Top Plate | MTG62         | 05278.62                   |
| 7 & 8 Series Enforcer with MTG3 Top Plate | MTG63         | 05278.63                   |

## Foot Activated Swivel Locks

**Capacity up to 1400 lbs each**

**No more back strain from bending down to activate a swivel lock.** When the foot pedal is in the "up" position, a stainless steel spring forces a pin into one of four slots on the swivel fork.

This effectively locks the swivel in one of four positions at 90° intervals. To disengage the lock, simply press down on the foot pedal for free swiveling action. It's that easy! With this innovative product, you can quickly and easily convert swivel casters to rigid casters for straight-line tracking. When you need greater maneuverability, you can quickly convert from the rigid position back to full swivel. Quick. Easy. Less stress and strain. **The Colson Ergonomic Advantage™.**



Extended reach swivel locks are available. Consult factory.

### Foot Activated Swivel Lock Models

| Series                                         | Mounting Code | Field Install Model Num. |
|------------------------------------------------|---------------|--------------------------|
| 4 Series Swivel Top Plate (1 1/2" Tread Width) | MTG81         | 05213.66                 |
| 4 Series Swivel Top Plate (2" Tread Width)     | MTG81         | 05213.66                 |
| 4 Series IMPAK Kingpinless Swivel Top Plate    | MTG81         | 05212.66                 |
| 4 Series Pneumatic Swivel Top Plate            | MTG81         | 05213.66                 |
| 4 Series Stainless Steel Swivel Top Plate      | MTG81         | 05213.67                 |

NOTE: Foot Activated Swivel Lock is field installable but requires notches in the caster fork yoke base at 90° intervals and is available in standard top plates only.



CASTER OPTIONS



## ***DirtBan Swivel Seals***

***Keeps dirt out and lube in for longer caster life***

Seals are recommended for applications where casters and equipment are exposed to regular washings such as hospitals, food processing plants, restaurants, meat packaging plants, laundries, bakeries and more. They keep dirt and contaminants out of the swivel raceway and lubricant in. Colson polyurethane DirtBan seals help

casters run smoother and last longer with very little drag on the swivel action. They offer a high resistance to grease, oils, chemicals, detergents and water. To order on caster specify **"SEAL"**. To field install, simply remove the caster wheel and place seals in the upper and lower raceways. No special tools needed. Available on 2 and 4 Series casters. To field install, see chart below.

| Series                 | Kit Number |
|------------------------|------------|
| 2 Series Swivel        | 52020.90   |
| 4 Series Upper Raceway | 51000.77   |
| 4 Series Lower Raceway | 51001.76   |



## ***2 & 3 Series Dust Caps***

***Protects swivel raceway from harmful debris***

Keep dust and debris out of raceway for smoother operation and longer service life. Available on 2 and

3 Series models only. To order with caster, specify **"DC1"**. Dust caps are not field installable.



## ***Plastic & Metal Thread Guards***

***Designed to keep lint, thread and other soft material out of bearings***

Certain industries and institutions find that excessive amounts of lint, thread and other soft materials have a tendency to work into caster wheel bearings. Wheel thread guards help overcome this problem. The thread guard does not revolve and thus forces the thread to deposit on caster fork legs and greatly improves its appearance. Colson offers

both plastic and metal thread guards. Plastic thread guards are more flexible and will not rust or corrode making them ideal for wash down applications. Metal thread guards have a zinc plated finish on 1-3 Series wheels, and a galvanized finish for 4-7 Series models to protect against rust and corrosion. To order on caster specify **"TG1"** for metal, **"TG2"** for plastic. To check for availability on caster models consult factory.

## Delrin® Bearing

Delrin, a DuPont engineered plastic, is extremely durable under a wide range of temperature and humidity conditions and is corrosion resistant. Wheels with the Delrin bearings are well suited for applications where brine conditions, steam cleaning, or where excessive water or liquids are present. One piece or two piece Delrin bearing models are available.



## Bronze Bearing

The bronze bearing is durable under a wide range of temperature and humidity conditions and is corrosion resistant. It is highly recommended for high heat or wet applications.



## Annular Ball Bearing

Precision type bearings with machined, hardened raceways. For applications where maximum rolling ease and quiet operation are needed. Best suited for light to medium duty loads. Bearing is pre-assembled, and the entire unit is mounted in the wheel.



## Radial Ball Bearing

Shielded, precision-type bearings. They are used in pairs and press fitted into the wheel hub. Available on Performa Rubber, Performa Rubber Handtruck Wheels and Pneumatic wheels.



## Precision Sealed Ball Bearing

Recommended for maximum rolling ease with no maintenance lubrication required. Quiet operation for medium duty to heavy duty loads. Available on Endura Solid Elastomer and 2" tread width Performa Rubber wheels.



## Roller Bearing

The roller bearing is capable of carrying a greater load than the same size diameter ball bearing. It has a split outer race shell into which the roller assembly is inserted. Standard Colson roller assembly features hardened steel rollers enclosed in a thermoplastic cage on 1 1/2" and 2" tread width wheels. Metal cage roller bearings are optionally available (specify WB29) and are standard on wheels with tread widths of 2 1/2" and larger. Combination seal/thrust retainer washers protect bearing from dirt, water, chemicals and help absorb thrust friction (Note: Must be used with hardened spanner bushing or hardened shaft).



## Torrington-Style Roller Bearings

Torrington-style caged drawn cup bearings have a steel cage which provides inward retention of the needle rollers. This design provides maximum cage strength consistent with long service life. Available on 2" tread width wheels only. (Note: Must be used with hardened spanner bushing or hardened shaft).



## Plain & Sleeve Bearing

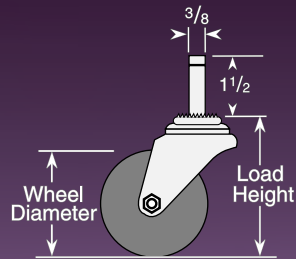
Metal sleeve is inserted in wheel and rests directly on axle. Only recommended when rolling ease is less critical.



# 1 SERIES

Capacity up to 75 lbs each

## Wood Furniture Stem



Swivel Cross Section

Fork Leg Spacing 1<sup>5</sup>/<sub>32</sub>"

### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Caster Brake

**Side Lock** (See page 10)  
Available on all 3" models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).

### Wheel Option

**Thread Guards**— Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).



### Standard Mounting:

For use on wood furniture that can accept a 3/8" diameter hole approximately 1<sup>5</sup>/<sub>8</sub>" deep. Standard No.20 pressed steel adapter (Part #50011) with toothed base is supplied.

Stem size: 5/16" diameter x 1<sup>1</sup>/<sub>2</sub>" long.

## Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH



CUSHION RUBBER



HARD RUBBER

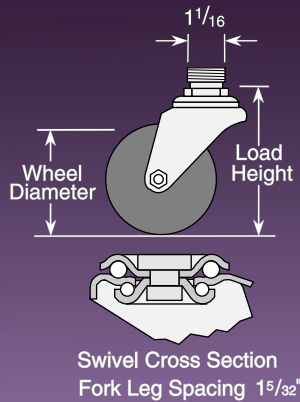
## 1 SERIES • Wood Furniture Stem • Capacity up to 75 lbs

| Wheel Dia.                      | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height                     | Swivel Radius                   | Weight (Pounds) |
|---------------------------------|-------------|------------------------|----------------------|---------------|--------------------|---------------------------------|---------------------------------|-----------------|
| 1 <sup>5</sup> / <sub>8</sub> " | 7/8"        | 60                     | Performa Rubber      | Delrin        | 1.01652.441        | 2 <sup>1</sup> / <sub>2</sub>   | 1 <sup>3</sup> / <sub>4</sub>   | 1/2             |
|                                 |             | 75                     | Polyolefin           | Delrin        | 1.01652.52         | 2 <sup>1</sup> / <sub>2</sub>   | 1 <sup>3</sup> / <sub>4</sub>   | 1/2             |
| 2"                              | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.02252.441        | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 1/2             |
|                                 |             |                        | Polyolefin           | Delrin        | 1.02252.52         | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 1/2             |
|                                 |             |                        | Cushion Rubber       | Ball          | 1.02252.45         | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 1/2             |
|                                 |             |                        | Hard Rubber          | Ball          | 1.02252.55         | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 1/2             |
| 3"                              | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.03052.441        | 3 <sup>13</sup> / <sub>16</sub> | 2 <sup>9</sup> / <sub>16</sub>  | 3/4             |
|                                 |             |                        | Polyurethane HI-TECH | Delrin        | 1.03052.91         | 3 <sup>13</sup> / <sub>16</sub> | 2 <sup>9</sup> / <sub>16</sub>  | 3/4             |
|                                 |             |                        | Polyolefin           | Delrin        | 1.03052.53         | 3 <sup>13</sup> / <sub>16</sub> | 2 <sup>9</sup> / <sub>16</sub>  | 3/4             |

# 1 SERIES

Capacity up to 145 lbs each

## Pipe Thread Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- $\frac{5}{16}$ " shouldered axle with  $\frac{1}{4}$ " nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Caster Brake

**Side Lock** (See page 10)  
Available on all models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).

### Wheel Option

**Thread Guards**— Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).



### Standard Mounting:

Diameter of the threaded stem is approximately  $1\frac{1}{16}$ ". Pipe thread stem screws directly into standard pipe couplings for a rigid and permanent fit with full swivel action. Tapered pipe thread to fit  $\frac{3}{4}$ " pipe coupling.

## Wheel Selection



PERFORMA  
FLAT TREAD



POLYOLEFIN



POLYURETHANE  
HI-TECH

## 1 SERIES • Pipe Thread Stem • Capacity up to 145 lbs

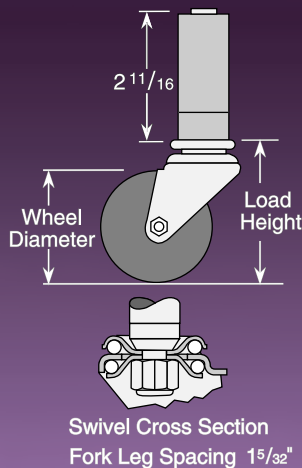
| Wheel Dia. | Tread Width     | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius    | Weight (Pounds) |
|------------|-----------------|------------------------|----------------------|---------------|--------------------|-------------|------------------|-----------------|
| 3"         | $\frac{7}{8}$ " | 100                    | Polyurethane HI-TECH | Delrin        | 1.03353.91         | 4           | $2\frac{13}{16}$ | $1\frac{1}{4}$  |
|            |                 |                        | Performa Rubber      | Delrin        | 1.03353.441        | 4           | $2\frac{13}{16}$ | $1\frac{1}{4}$  |
|            |                 | 125                    | Polyolefin           | Delrin        | 1.03353.53         | 4           | $2\frac{13}{16}$ | $1\frac{1}{4}$  |
| 4"         | $\frac{7}{8}$ " | 125                    | Polyurethane HI-TECH | Delrin        | 1.04353.91         | 5           | $3\frac{7}{16}$  | $1\frac{1}{2}$  |
|            |                 |                        | Performa Rubber      | Delrin        | 1.04353.441        | 5           | $3\frac{7}{16}$  | $1\frac{1}{2}$  |
|            |                 | 135                    | Polyolefin           | Delrin        | 1.04353.53         | 5           | $3\frac{7}{16}$  | $1\frac{1}{2}$  |
| 5"         | $\frac{7}{8}$ " | 140                    | Polyurethane HI-TECH | Delrin        | 1.05353.91         | 6           | $4\frac{1}{16}$  | $1\frac{3}{4}$  |
|            |                 |                        | Performa Rubber      | Delrin        | 1.05353.441        | 6           | $4\frac{1}{16}$  | $1\frac{3}{4}$  |
|            |                 | 145                    | Polyolefin           | Delrin        | 1.05353.53         | 6           | $4\frac{1}{16}$  | $1\frac{3}{4}$  |

1 SERIES

# 1 SERIES

Capacity up to 75 lbs each

## Expanding Stem Adapter



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

| Inside Diameter of Tube | Mounting Code Numbers |               |
|-------------------------|-----------------------|---------------|
|                         | Round Tubing          | Square Tubing |
| 3/4" - 13/16"           | MTG40                 | -             |
| 7/8" - 15/16"           | MTG41                 | MTG51         |
| 1" - 1 1/16"            | MTG42                 | MTG52         |
| 1 1/8" - 1 3/16"        | MTG43                 | MTG53         |
| 1 1/4" - 1 5/16"        | MTG44                 | MTG54         |
| 1 3/8" - 1 7/16"        | MTG45                 | MTG55         |
| 1 1/2" - 1 9/16"        | MTG46                 | -             |
| 1 5/8" - 1 11/16"       | MTG47                 | -             |

Stems are 2 11/16" long. Stem size less adapter: 1/2" - 13UNC x 2 11/16"

### Caster Brake

**Side Lock** (See page 10)  
Available on all 3" models.  
Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).



### Wheel Option

**Thread Guards** - Available on many models.  
Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).

### Standard Mounting:

Turning of hex nut beneath lower raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit. To order, select caster model number and specify stem adapter size by code number from mounting options chart at right.

## Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH



CUSHION RUBBER



HARD RUBBER

## 1 SERIES • Expanding Adapter Stem • Capacity up to 75 lbs

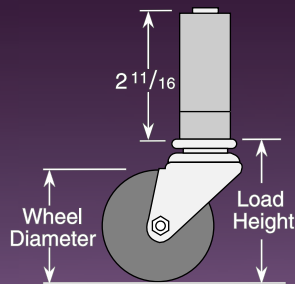
Note: Expanding adapter temperature rating is at 180°F.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 1 5/8"     | 7/8"        | 60                     | Performa Rubber      | Delrin        | 1.01667.441        | 2 11/16     | 1 3/4         | 5/8             |
|            |             | 75                     | Polyolefin           | Delrin        | 1.01667.52         | 2 11/16     | 1 3/4         | 5/8             |
| 2"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.02267.441        | 2 7/8       | 1 15/16       | 5/8             |
|            |             |                        | Polyolefin           | Delrin        | 1.02267.52         | 2 7/8       | 1 15/16       | 5/8             |
|            |             |                        | Cushion Rubber       | Ball          | 1.02267.45         | 2 7/8       | 1 15/16       | 3/4             |
|            |             |                        | Hard Rubber          | Ball          | 1.02267.55         | 2 7/8       | 1 15/16       | 3/4             |
| 3"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.03067.441        | 4           | 2 9/16        | 3/4             |
|            |             |                        | Polyurethane HI-TECH | Delrin        | 1.03067.91         | 4           | 2 9/16        | 3/4             |
|            |             |                        | Polyolefin           | Delrin        | 1.03067.53         | 4           | 2 9/16        | 3/4             |

# 1 SERIES

Capacity up to 145 lbs each

## Expanding Stem Adapter



Swivel Cross Section  
Fork Leg Spacing 1<sup>5</sup>/<sub>32</sub>"

### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

| Inside Diameter of Tube | Mounting Code Numbers |               |
|-------------------------|-----------------------|---------------|
|                         | Round Tubing          | Square Tubing |
| 3/4" - 13/16"           | MTG40                 | -             |
| 7/8" - 15/16"           | MTG41                 | MTG51         |
| 1" - 1 1/16"            | MTG42                 | MTG52         |
| 1 1/8" - 1 3/16"        | MTG43                 | MTG53         |
| 1 1/4" - 1 5/16"        | MTG44                 | MTG54         |
| 1 3/8" - 1 7/16"        | MTG45                 | MTG55         |
| 1 1/2" - 1 9/16"        | MTG46                 | -             |
| 1 5/8" - 1 11/16"       | MTG47                 | -             |

Stems are 2<sup>11</sup>/<sub>16</sub>" long. Stem size less adapter: 1/2" - 13UNC x 2<sup>11</sup>/<sub>16</sub>"

### Caster Brake

**Side Lock** (See page 10)  
Available on all models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).



### Wheel Option

**Thread Guards** - Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).

### Standard Mounting:

Turning of octagon on upper raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit. To order, select caster model number and specify stem adapter size by code number from mounting options chart at right.

## Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH

## 1 SERIES • Expanding Adapter Stem • Capacity up to 145 lbs

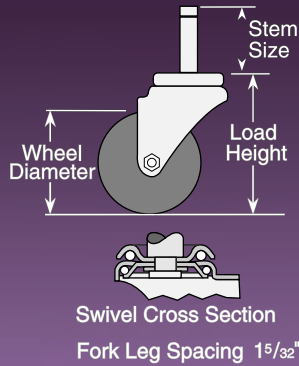
Note: Expanding adapter temperature rating is at 180°F.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius                   | Weight (Pounds)               |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------------------------|-------------------------------|
| 3"         | 7/8"        | 100                    | Polyurethane HI-TECH | Delrin        | 1.03367.91         | 37/8        | 2 <sup>13</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>8</sub> |
|            |             | 125                    | Performa Rubber      | Delrin        | 1.03367.441        | 37/8        | 2 <sup>13</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>4</sub> |
|            |             |                        | Polyolefin           | Delrin        | 1.03367.53         | 37/8        | 2 <sup>13</sup> / <sub>16</sub> | 1 <sup>1</sup> / <sub>4</sub> |
| 4"         | 7/8"        | 125                    | Polyurethane HI-TECH | Delrin        | 1.04367.91         | 47/8        | 37/16                           | 1 <sup>1</sup> / <sub>2</sub> |
|            |             |                        | Performa Rubber      | Delrin        | 1.04367.441        | 47/8        | 37/16                           | 1 <sup>1</sup> / <sub>2</sub> |
|            |             |                        | Polyolefin           | Delrin        | 1.04367.53         | 47/8        | 37/16                           | 1 <sup>1</sup> / <sub>2</sub> |
| 5"         | 7/8"        | 140                    | Polyurethane HI-TECH | Delrin        | 1.05367.91         | 57/8        | 4 <sup>1</sup> / <sub>16</sub>  | 1 <sup>3</sup> / <sub>4</sub> |
|            |             |                        | Performa Rubber      | Delrin        | 1.05367.441        | 57/8        | 4 <sup>1</sup> / <sub>16</sub>  | 1 <sup>3</sup> / <sub>4</sub> |
|            |             |                        | Polyolefin           | Delrin        | 1.05367.53         | 57/8        | 4 <sup>1</sup> / <sub>16</sub>  | 1 <sup>3</sup> / <sub>4</sub> |

# 1 SERIES

Capacity up to 75 lbs each

## Grip Ring Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

**MTG1:** 3/8" x 19/16" long  
**MTG2:** 7/16" x 19/16" long  
**MTG50:** 7/16" x 1" long

### Caster Brake

**Side Lock** (See page 10)  
 Available on all 3" models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
 All models except thread guards (Specify **FSI**).



### Wheel Option

**Thread Guards** – Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).

Spring grip on top of stem holds caster firmly in place.

**Standard Mounting (MTG51):**  
 7/16" x 1<sup>29</sup>/<sub>32</sub>" long

## Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH



CUSHION RUBBER



HARD RUBBER

## 1 SERIES • Grip Ring Stem • Capacity up to 75 lbs

| Wheel Dia.                      | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height                     | Swivel Radius                   | Weight (Pounds) |
|---------------------------------|-------------|------------------------|----------------------|---------------|--------------------|---------------------------------|---------------------------------|-----------------|
| 1 <sup>5</sup> / <sub>8</sub> " | 7/8"        | 60                     | Performa Rubber      | Delrin        | 1.01651.441        | 2 <sup>1</sup> / <sub>2</sub>   | 1 <sup>3</sup> / <sub>4</sub>   | 1/2             |
|                                 |             | 75                     | Polyolefin           | Delrin        | 1.01651.52         | 2 <sup>1</sup> / <sub>2</sub>   | 1 <sup>3</sup> / <sub>4</sub>   | 1/2             |
| 2"                              | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.02251.441        | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 1/2             |
|                                 |             |                        | Polyolefin           | Delrin        | 1.02251.52         | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 1/2             |
|                                 |             |                        | Cushion Rubber       | Ball          | 1.02251.45         | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 5/8             |
|                                 |             |                        | Hard Rubber          | Ball          | 1.02251.55         | 2 <sup>11</sup> / <sub>16</sub> | 1 <sup>15</sup> / <sub>16</sub> | 5/8             |
| 3"                              | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.03051.441        | 3 <sup>13</sup> / <sub>16</sub> | 2 <sup>9</sup> / <sub>16</sub>  | 3/4             |
|                                 |             |                        | Polyurethane HI-TECH | Delrin        | 1.03051.91         | 3 <sup>13</sup> / <sub>16</sub> | 2 <sup>9</sup> / <sub>16</sub>  | 3/4             |
|                                 |             |                        | Polyolefin           | Delrin        | 1.03051.53         | 3 <sup>13</sup> / <sub>16</sub> | 2 <sup>9</sup> / <sub>16</sub>  | 3/4             |

# 1 SERIES

Capacity up to 145 lbs each

## Grip Ring Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

**MTG2:** 7/16" x 1 1/2" long

**MTG52:** 7/16" x 1 29/32" long **with** grip ring

#### Plastic Adapters

Snap easily in place to reduce distortion and damage to furniture and equipment tubing. Plastic adapters are non-conductive. First specify **MTG51:** (7/16" x 1 29/32") **less** grip ring, then specify **plastic** adapter code from chart at right.

**MTG53:** (No. 50810): Fits 7/8" x 18 ga. wall round tubing or any I.D. from 3/4" to 51/64".

**MTG54:** (No. 50842): Fits 1" x 13 ga. wall round tubing or any I.D. from 51/64" to 53/64".

**MTG55:** (No. 50865): Fits 1" x 14 ga. wall round tubing or any I.D. from 53/64" to 55/64".

**MTG56:** (No. 50916): Fits 1" x 16 ga. wall round tubing or any I.D. from 57/64" to 29/32".

### Caster Brake

**Side Lock** (See page 10) – Available on all models. Field installable (Specify **BRK3**).

### Fork/Wheel Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).



**Thread Guards** – Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).

Spring grip on top of stem holds caster firmly in place.

**Standard Mounting (MTG51):**  
7/16" x 1 29/32" long

## Wheel Selection



PERFORMA FLAT  
TREAD



POLYOLEFIN



POLYURETHANE  
HI-TECH

## 1 SERIES • Grip Ring Stem • Capacity up to 145 lbs

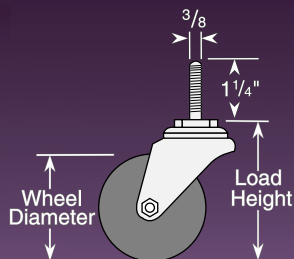
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 3"         | 7/8"        | 100                    | Polyurethane HI-TECH | Delrin        | 1.03351.91         | 3 3/4       | 2 13/16       | 1               |
|            |             | 125                    | Performa Rubber      | Delrin        | 1.03351.441        | 3 3/4       | 2 13/16       | 1 1/8           |
|            |             |                        | Polyolefin           | Delrin        | 1.03351.53         | 3 3/4       | 2 13/16       | 1 1/8           |
| 4"         | 7/8"        | 125                    | Polyurethane HI-TECH | Delrin        | 1.04351.91         | 4 3/4       | 3 7/16        | 1 1/8           |
|            |             | 135                    | Performa Rubber      | Delrin        | 1.04351.441        | 4 3/4       | 3 7/16        | 1 3/8           |
|            |             |                        | Polyolefin           | Delrin        | 1.04351.53         | 4 3/4       | 3 7/16        | 1 3/8           |
| 5"         | 7/8"        | 140                    | Polyurethane HI-TECH | Delrin        | 1.05351.91         | 5 3/4       | 4 1/16        | 1 1/4           |
|            |             | 145                    | Performa Rubber      | Delrin        | 1.05351.441        | 5 3/4       | 4 1/16        | 1 5/8           |
|            |             |                        | Polyolefin           | Delrin        | 1.05351.53         | 5 3/4       | 4 1/16        | 1 1/8           |

1 SERIES

# 1 SERIES

Capacity up to 75 lbs each

## Straight Thread Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

3/8" diameter- 24NF x  
1 1/16" long (Specify **MTG51**).

### Caster Brake

**Side Lock** (See page 10)  
Available on all 3" models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).

### Standard Mounting (MTG55):

(3/8" diameter- 16UNC x  
1 1/4" long threaded 1 1/8").

### Wheel Option

**Thread Guards** - Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).



## Wheel Selection



PERFORMA FLAT  
TREAD



POLYOLEFIN



POLYURETHANE  
HI-TECH



CUSHION  
RUBBER



HARD  
RUBBER

**IMPORTANT:** If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

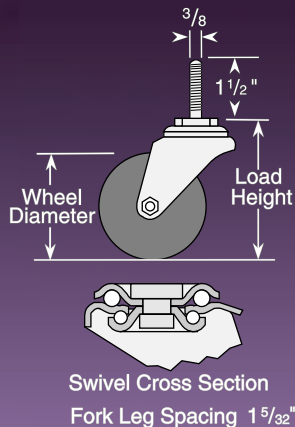
### 1 SERIES • Straight Thread Stem • Capacity up to 75 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 1 5/8"     | 7/8"        | 60                     | Performa Rubber      | Delrin        | 1.01654.441        | 2 1/2       | 1 3/4         | 3/8             |
|            |             | 75                     | Polyolefin           | Delrin        | 1.01654.52         | 2 1/2       | 1 3/4         | 3/8             |
| 2"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.02254.441        | 2 11/16     | 1 15/16       | 3/8             |
|            |             |                        | Polyolefin           | Delrin        | 1.02254.52         | 2 11/16     | 1 15/16       | 3/8             |
|            |             |                        | Cushion Rubber       | Ball          | 1.02254.45         | 2 11/16     | 1 15/16       | 1/2             |
|            |             |                        | Hard Rubber          | Ball          | 1.02254.55         | 2 11/16     | 1 15/16       | 1/2             |
| 3"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.03054.441        | 3 13/16     | 2 9/16        | 5/8             |
|            |             |                        | Polyurethane HI-TECH | Delrin        | 1.03054.91         | 3 13/16     | 2 9/16        | 5/8             |
|            |             |                        | Polyolefin           | Delrin        | 1.03054.53         | 3 13/16     | 2 9/16        | 5/8             |

# 1 SERIES

Capacity up to 145 lbs each

## Straight Thread Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Caster Brake

**Side Lock** (See page 10)  
Available on all models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).

### Wheel Option

**Thread Guards**—Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).



### Standard Mounting:

(3/8" diameter—  
16UNC x 1 1/2" long  
threaded 1 3/8").

## Wheel Selection



PERMA FLAT  
TREAD



POLYOLEFIN



POLYURETHANE  
HI-TECH

## 1 SERIES • Straight Thread Stem • Capacity up to 145 lbs

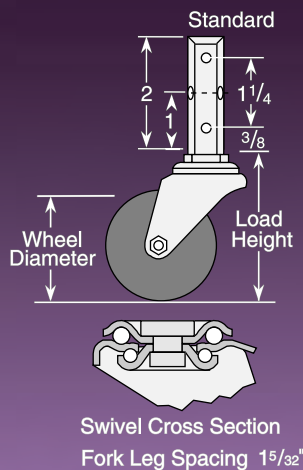
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 3"         | 7/8"        | 100                    | Polyurethane HI-TECH | Delrin        | 1.03354.91         | 3 3/4       | 2 13/16       | 1 1/8           |
|            |             | 125                    | Perma Rubber         | Delrin        | 1.03354.441        | 3 3/4       | 2 13/16       | 1 1/8           |
|            |             |                        | Polyolefin           | Delrin        | 1.03354.53         | 3 3/4       | 2 13/16       | 1 1/8           |
| 4"         | 7/8"        | 125                    | Polyurethane HI-TECH | Delrin        | 1.04354.91         | 4 3/4       | 3 7/16        | 1 3/8           |
|            |             | 135                    | Perma Rubber         | Delrin        | 1.04354.441        | 4 3/4       | 3 7/16        | 1 3/8           |
|            |             |                        | Polyolefin           | Delrin        | 1.04354.53         | 4 3/4       | 3 7/16        | 1 3/8           |
| 5"         | 7/8"        | 140                    | Polyurethane HI-TECH | Delrin        | 1.05354.91         | 5 3/4       | 4 1/16        | 1 5/8           |
|            |             | 145                    | Perma Rubber         | Delrin        | 1.05354.441        | 5 3/4       | 4 1/16        | 1 5/8           |
|            |             |                        | Polyolefin           | Delrin        | 1.05354.53         | 5 3/4       | 4 1/16        | 1 5/8           |

**IMPORTANT:** If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

# 1 SERIES

Capacity up to 145 lbs each

## Square Stem



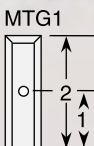
### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

Optional Square Stem: 2" long x 7/8" square with 1 mounting hole 17/64" diameter (Specify **MTG1**).



### Caster Brake

**Side Lock** (See page 10)  
Available on all models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).



### Wheel Option

**Thread Guards** – Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).

### Standard Mounting:

Designed for easy installation on the inside of angle iron legs or against flat surfaces. Stems may be bolted or riveted against any flat vertical surface. Standard Stem 2" long by 3/4" square with 3 mounting holes 17/64" diameter.

## Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH

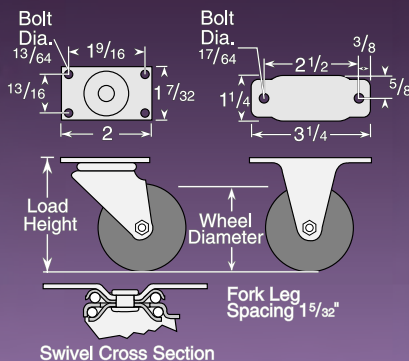
## 1 SERIES • Square Stem • Capacity up to 145 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|--------------------|-------------|---------------|-----------------|
| 3"         | 7/8"        | 100                    | Polyurethane HI-TECH | Delrin        | 1.03370.91         | 3 3/4       | 2 13/16       | 1 1/4           |
|            |             | 125                    | Performa Rubber      | Delrin        | 1.03370.441        | 3 3/4       | 2 13/16       | 1 1/4           |
|            |             |                        | Polyolefin           | Delrin        | 1.03370.53         | 3 3/4       | 2 13/16       | 1 1/4           |
| 4"         | 7/8"        | 125                    | Polyurethane HI-TECH | Delrin        | 1.04370.91         | 4 3/4       | 3 7/16        | 1 1/2           |
|            |             |                        | Performa Rubber      | Delrin        | 1.04370.441        | 4 3/4       | 3 7/16        | 1 1/2           |
|            |             | 135                    | Polyolefin           | Delrin        | 1.04370.53         | 4 3/4       | 3 7/16        | 1 1/2           |
| 5"         | 7/8"        | 140                    | Polyurethane HI-TECH | Delrin        | 1.05370.91         | 5 3/4       | 4 1/16        | 1 3/4           |
|            |             |                        | Performa Rubber      | Delrin        | 1.05370.441        | 5 3/4       | 4 1/16        | 1 3/4           |
|            |             | 145                    | Polyolefin           | Delrin        | 1.05370.53         | 5 3/4       | 4 1/16        | 1 3/4           |

# 1 SERIES

Capacity up to 145 lbs each

## Small Top Plate Swivel & Rigid



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

### Performance Options

#### Caster Brake

**Side Lock** (See page 10)  
Available on all 3" swivel models. Field installable (Specify **BRK3**).

#### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).



#### Wheel Option

**Thread Guards** – Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).

#### Standard Mounting:

Rigid caster mounting holes do not match swivel.

### Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH



CUSHION RUBBER



HARD RUBBER

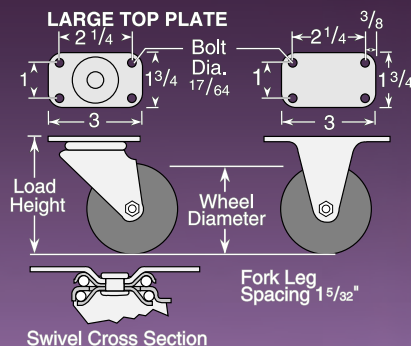
### 1 SERIES • Small Top Plate Swivel & Rigid • Capacity up to 75 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Swivel Caster Models | Rigid Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|----------------------|---------------------|-------------|---------------|-----------------|
| 1 5/8"     | 7/8"        | 60                     | Performa Rubber      | Delrin        | 1.01666.441          | 1.01610.441         | 29/16       | 13/4          | 3/8             |
|            |             | 75                     | Polyolefin           | Delrin        | 1.01666.52           | 1.01610.52          | 29/16       | 13/4          | 3/8             |
| 2"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.02266.441          | 1.02210.441         | 23/4        | 1 15/16       | 1/2             |
|            |             |                        | Polyolefin           | Delrin        | 1.02266.52           | 1.02210.52          | 23/4        | 1 15/16       | 1/2             |
|            |             |                        | Cushion Rubber       | Ball          | 1.02266.45           | 1.02210.45          | 23/4        | 1 15/16       | 1/2             |
|            |             |                        | Hard Rubber          | Ball          | 1.02266.55           | 1.02210.55          | 23/4        | 1 15/16       | 1/2             |
| 3"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.03066.441          | —                   | 3 7/8       | 29/16         | 3/4             |
|            |             |                        | Polyurethane HI-TECH | Delrin        | 1.03066.91           | —                   | 3 7/8       | 29/16         | 3/4             |
|            |             |                        | Polyolefin           | Delrin        | 1.03066.53           | —                   | 3 7/8       | 29/16         | 3/4             |

# 1 SERIES

Capacity up to 75 lbs each

## Large Top Plate Swivel & Rigid



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

### Standard Mounting:

Rigid caster available with 3" diameter wheel only.

## Performance Options

### Caster Brake

**Side Lock** (See page 10)  
Available on all 3" swivel models. Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).



### Wheel Option

**Thread Guards**—Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).

## Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH



CUSHION RUBBER



HARD RUBBER

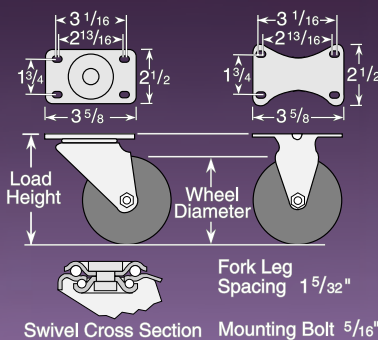
## 1 SERIES • Large Top Plate Swivel & Rigid • Capacity up to 75 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Swivel Caster Models | Rigid Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|----------------------|---------------------|-------------|---------------|-----------------|
| 1 5/8"     | 7/8"        | 60                     | Performa Rubber      | Delrin        | 1.01656.441          | —                   | 29/16       | 1 3/4         | 1/2             |
|            |             | 75                     | Polyolefin           | Delrin        | 1.01656.52           | —                   | 29/16       | 1 3/4         | 1/2             |
| 2"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.02256.441          | —                   | 2 3/4       | 1 15/16       | 1/2             |
|            |             |                        | Polyolefin           | Delrin        | 1.02256.52           | —                   | 2 3/4       | 1 15/16       | 1/2             |
|            |             |                        | Cushion Rubber       | Ball          | 1.02256.45           | —                   | 2 3/4       | 1 15/16       | 5/8             |
|            |             |                        | Hard Rubber          | Ball          | 1.02256.55           | —                   | 2 3/4       | 1 15/16       | 5/8             |
| 3"         | 7/8"        | 75                     | Performa Rubber      | Delrin        | 1.03056.441          | 1.03010.441         | 3 7/8       | 29/16         | 3/4             |
|            |             |                        | Polyurethane HI-TECH | Delrin        | 1.03056.91           | 1.03010.91          | 3 7/8       | 29/16         | 3/4             |
|            |             |                        | Polyolefin           | Delrin        | 1.03056.53           | 1.03010.53          | 3 7/8       | 29/16         | 3/4             |

# 1 SERIES

Capacity up to 145 lbs each

## Top Plate Swivel & Rigid



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 5/16" shouldered axle with 1/4" nut
- .090" steel top plate
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Caster Brake

**Side Lock** (See page 10)  
Available on all swivel models.  
Field installable (Specify **BRK3**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards (Specify **FSI**).

### Wheel Option

**Thread Guards** – Available on many models. Brake & NSF options cannot be used with thread guards (Specify **TG1** for metal **TG2** for plastic).



## Wheel Selection



PERFORMA FLAT TREAD



POLYOLEFIN



POLYURETHANE HI-TECH

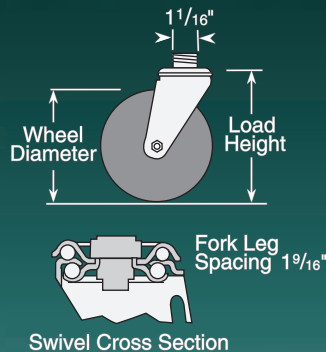
## 1 SERIES • Top Plate Swivel & Rigid • Capacity up to 145 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions   | Wheel Bearing | Swivel Caster Models | Rigid Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|----------------------|---------------|----------------------|---------------------|-------------|---------------|-----------------|
| 3"         | 7/8"        | 100                    | Polyurethane HI-TECH | Delrin        | 1.03356.91           | 1.03008.91          | 3 3/4"      | 2 13/16"      | 1 1/4"          |
|            |             | 125                    | Performa Rubber      | Delrin        | 1.03356.441          | 1.03008.441         | 3 3/4"      | 2 13/16"      | 1 1/4"          |
|            |             |                        | Polyolefin           | Delrin        | 1.03356.53           | 1.03008.53          | 3 3/4"      | 2 13/16"      | 1 1/4"          |
| 4"         | 7/8"        | 125                    | Polyurethane HI-TECH | Delrin        | 1.04356.91           | 1.04008.91          | 4 3/4"      | 3 7/16"       | 1 1/2"          |
|            |             | 135                    | Performa Rubber      | Delrin        | 1.04356.441          | 1.04008.441         | 4 3/4"      | 3 7/16"       | 1 1/2"          |
|            |             |                        | Polyolefin           | Delrin        | 1.04356.53           | 1.04008.53          | 4 3/4"      | 3 7/16"       | 1 1/2"          |
| 5"         | 7/8"        | 140                    | Polyurethane HI-TECH | Delrin        | 1.05356.91           | 1.05008.91          | 5 3/4"      | 4 1/16"       | 1 3/4"          |
|            |             | 145                    | Performa Rubber      | Delrin        | 1.05356.441          | 1.05008.441         | 5 3/4"      | 4 1/16"       | 1 3/4"          |
|            |             |                        | Polyolefin           | Delrin        | 1.05356.53           | 1.05008.53          | 5 3/4"      | 4 1/16"       | 1 3/4"          |

# 2 SERIES

Capacity up to 325 lbs each

## Pipe Thread Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

### Standard Mounting:

Fits Standard 3/4" Pipe Coupling  
The actual diameter of the threaded stem is approximately 1 1/16". The pipe thread stem screws directly into a standard pipe coupling for a rigid and permanent fit with full swivel action.

### Easy Installation

The 7/16" hex nut beneath the lower raceway makes it fast and easy to install these casters on a wide variety of equipment.



## Performance Options

### Caster Brake

**Total Lock Brake** (See page 10)  
Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**).

**Side Lock Brake** (See page 10)  
Available on all swivel models. Field installable (Specify **BRK1**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify **FSI**).

**Dust Cap** (See page 14)–Specify **DC1**.

#### Axle/Nut Options:

**AX1** Zerk Axle

**AX2** Solid Axle

**NT1** Thick lock nut



### Wheel Option

**Thread Guards** (See page 10) – Available on many models. (Specify **TG1** for metal **TG2** for plastic).

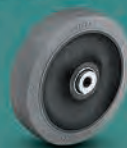
## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA  
ROUND TREAD



PERFORMA  
CONDUCTIVE FLAT



PERFORMA  
CONDUCTIVE ROUND



POLYOLEFIN



THERMO



THERMOTECH



POLYURETHANE  
HI-TECH



CAST IRON



RUBBER HI-TECH



PHENOLIC

## 2 SERIES • Pipe Thread Stem • Capacity up to 325 lbs

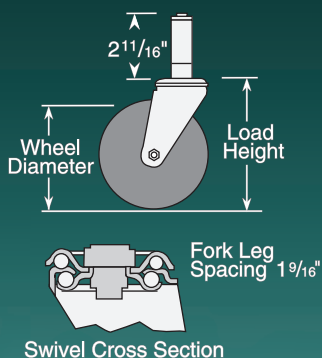
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                 | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|------------------------------------|---------------|--------------------|-------------|---------------|-----------------|
| 2½"        | 1¼"         | 125                    | Performa Rubber (Conductive Flat)  | Ball          | 2.02253.445 COND   | 4           | 2 13/32       | 1 3/4           |
|            |             | 140                    | Performa Rubber (Flat tread)       | Delrin        | 2.02253.441        | 4           | 2 13/32       | 1 3/4           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.02253.445        | 4           | 2 13/32       | 1 3/4           |
|            |             | 200                    | Polyolefin                         | Delrin        | 2.02253.53         | 4           | 2 13/32       | 1 3/4           |
|            |             |                        | Polyolefin                         | Ball          | 2.02253.55         | 4           | 2 13/32       | 1 3/4           |
|            |             | 250                    | Polyurethane HI-TECH               | Delrin        | 2.02253.91         | 4           | 2 13/32       | 1 1/2           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.02253.95         | 4           | 2 13/32       | 1 1/2           |
|            | 1 7/16"     | 300                    | Cast Iron                          | Sleeve        | 2.02253.12         | 4           | 2 13/32       | 2 1/8           |
| 3"         | 1¼"         | 150                    | Rubber HI-TECH                     | Plain         | 2.03353.42         | 4 1/4       | 2 21/32       | 2               |
|            |             | 200                    | Polyurethane HI-TECH               | Plain         | 2.03353.92         | 4 1/4       | 2 21/32       | 2               |
|            |             |                        | Polyolefin                         | Delrin        | 2.03353.52         | 4 1/4       | 2 21/32       | 2               |
|            | 1 15/32"    | 300                    | Phenolic                           | Roller        | 2.03353.309        | 4 1/4       | 2 21/32       | 2 3/4           |
| 3½"        | 1 5/16"     | 210                    | Performa Rubber (Conductive Round) | Ball          | 2.03253.565 COND   | 4 13/16     | 2 29/32       | 2 1/4           |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.03253.561        | 4 13/16     | 2 29/32       | 2 1/4           |
|            |             |                        | Performa Rubber (Round tread)      | Ball          | 2.03253.565        | 4 13/16     | 2 29/32       | 2 1/4           |
|            | 1¼"         | 225                    | Performa Rubber (Conductive Flat)  | Ball          | 2.03253.445 COND   | 4 13/16     | 2 29/32       | 2 1/4           |
|            |             |                        | Polyolefin                         | Delrin        | 2.03253.53         | 4 13/16     | 2 29/32       | 2 1/8           |
|            |             |                        | Polyolefin                         | Ball          | 2.03253.55         | 4 13/16     | 2 29/32       | 2 1/8           |
|            |             | 250                    | Performa Rubber (Flat tread)       | Delrin        | 2.03253.441        | 4 13/16     | 2 29/32       | 2 1/8           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.03253.445        | 4 13/16     | 2 29/32       | 2 1/8           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.03253.91         | 4 13/16     | 2 29/32       | 1 3/4           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.03253.95         | 4 13/16     | 2 29/32       | 1 3/4           |
|            |             | 300                    | Thermo                             | Plain         | 2.03253.52 HT      | 4 13/16     | 2 29/32       | 3 1/8           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.03253.12         | 4 13/16     | 2 29/32       | 3               |
| 4"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.04253.613 H      | 5 1/4       | 3 7/32        | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.04253.445 COND   | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             | 275                    | Polyolefin                         | Delrin        | 2.04253.53         | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Polyolefin                         | Ball          | 2.04253.55         | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.04253.91         | 5 1/4       | 3 7/32        | 2               |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.04253.95         | 5 1/4       | 3 7/32        | 2               |
|            |             | 300                    | Performa Rubber (Flat tread)       | Delrin        | 2.04253.441        | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.04253.445        | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Thermo                             | Plain         | 2.04253.52 HT      | 5 1/4       | 3 7/32        | 3 1/4           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.04253.12         | 5 1/4       | 3 7/32        | 3 1/2           |
| 5"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.05253.613H       | 6 5/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.05253.445 COND   | 6 5/16      | 3 13/16       | 3               |
|            | 1 5/16"     | 250                    | Performa Rubber (Conductive Round) | Ball          | 2.05253.565 COND   | 6 5/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.05253.561        | 6 5/16      | 3 13/16       | 3               |
|            | 1¼"         | 300                    | Performa Rubber (Round tread)      | Ball          | 2.05253.565        | 6 5/16      | 3 13/16       | 3               |
|            |             |                        | Polyolefin                         | Delrin        | 2.05253.53         | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Polyolefin                         | Ball          | 2.05253.55         | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.05253.91         | 6 5/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.05253.95         | 6 5/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.05253.12         | 6 5/16      | 3 13/16       | 3 3/4           |
|            |             | 325                    | Performa Rubber (Flat tread)       | Delrin        | 2.05253.441        | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.05253.445        | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Thermo                             | Plain         | 2.05253.52 HT      | 6 5/16      | 3 13/16       | 3 3/4           |

2 SERIES

# 2 SERIES

Capacity up to 325 lbs each

## Expanding Adapter Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

| Inside Diameter of Tube | Mounting Code Numbers |               |
|-------------------------|-----------------------|---------------|
|                         | Round Tubing          | Square Tubing |
| 3/4" - 13/16"           | MTG40                 | -             |
| 7/8" - 15/16"           | MTG41                 | MTG51         |
| 1" - 1 1/16"            | MTG42                 | MTG52         |
| 1 1/8" - 1 3/16"        | MTG43                 | MTG53         |
| 1 1/4" - 1 5/16"        | MTG44                 | MTG54         |
| 1 3/8" - 1 7/16"        | MTG45                 | MTG55         |
| 1 1/2" - 1 9/16"        | MTG46                 | -             |
| 1 5/8" - 1 11/16"       | MTG47                 | -             |

Stems are 2 11/16" long. Stem size less adapter: 1/2" - 13UNC x 2 11/16"

### Caster Brake

**Total Lock Brake** (See page 10)  
Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**).

**Side Lock Brake** (See page 10)  
Available on all swivel models. Field installable (Specify **BRK1**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify **FSI**).

**Swivel Dust Cap** (See page 10)  
Specify **DC1**.

#### Axle/Nut Options:

**AX1** Zerk Axle  
**AX2** Solid Axle  
**NT1** Thick lock nut



### Wheel Option

**Thread Guards** (See page 14)  
Available on many models (Specify **TG1** for metal **TG2** for plastic).

### Standard Mounting:

Turning of hex nut beneath lower raceway expands rubber adapter inside of round or square tubing for a tight, permanent fit. To order, select caster model number and specify stem adapter size by code number from mounting option chart at right.



## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA  
ROUND TREAD



POLYOLEFIN



POLYURETHANE  
HI-TECH



CAST IRON



RUBBER HI-TECH



PHENOLIC

Note: Expanding adapter temperature rating is at 180°F.

## 2 SERIES • Expanding Adapter Stem • Capacity up to 325 lbs

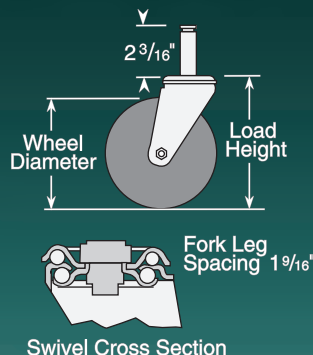
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions            | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-------------------------------|---------------|--------------------|-------------|---------------|-----------------|
| 2½"        | 1¼"         | 140                    | Performa Rubber (Flat tread)  | Delrin        | 2.02267.441        | 4           | 2 13/32       | 1 3/4           |
|            |             |                        | Performa Rubber (Flat tread)  | Ball          | 2.02267.445        | 4           | 2 13/32       | 1 3/4           |
|            |             | 200                    | Polyolefin                    | Delrin        | 2.02267.53         | 4           | 2 13/32       | 1 3/4           |
|            |             |                        | Polyolefin                    | Ball          | 2.02267.55         | 4           | 2 13/32       | 1 3/4           |
|            |             | 250                    | Polyurethane HI-TECH          | Delrin        | 2.02267.91         | 4           | 2 13/32       | 1 1/2           |
|            |             |                        | Polyurethane HI-TECH          | Ball          | 2.02267.95         | 4           | 2 13/32       | 1 1/2           |
|            | 1 7/16"     | 300                    | Cast Iron                     | Sleeve        | 2.02267.12         | 4           | 2 13/32       | 2 1/8           |
|            |             | 300                    | Phenolic                      | Roller        | 2.02267.319        | 4           | 2 13/32       | 1 3/4           |
| 3"         | 1¼"         | 150                    | Rubber HI-TECH                | Plain         | 2.03367.42         | 4 1/4       | 2 21/32       | 2               |
|            |             | 200                    | Polyurethane HI-TECH          | Plain         | 2.03367.92         | 4 1/4       | 2 21/32       | 2               |
|            |             |                        | Polyolefin                    | Delrin        | 2.03367.52         | 4 1/4       | 2 21/32       | 2               |
|            | 1 15/32"    | 300                    | Phenolic                      | Roller        | 2.03367.309        | 4 1/4       | 2 21/32       | 2 3/4           |
| 3½"        | 1 5/16"     | 210                    | Performa Rubber (Round tread) | Delrin        | 2.03267.561        | 4 9/16      | 2 29/32       | 2 1/4           |
|            |             |                        | Performa Rubber (Round tread) | Ball          | 2.03267.565        | 4 9/16      | 2 29/32       | 2 1/4           |
|            | 1 1/4"      | 230                    | Polyolefin                    | Delrin        | 2.03267.53         | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             |                        | Polyolefin                    | Ball          | 2.03267.55         | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             | 250                    | Performa Rubber (Flat tread)  | Delrin        | 2.03267.441        | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             |                        | Performa Rubber (Flat tread)  | Ball          | 2.03267.445        | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             |                        | Polyurethane HI-TECH          | Delrin        | 2.03267.91         | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             |                        | Polyurethane HI-TECH          | Ball          | 2.03267.95         | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             | 300                    | Cast Iron                     | Sleeve        | 2.03267.12         | 4 9/16      | 2 29/32       | 3               |
|            |             |                        |                               |               |                    |             |               |                 |
| 4"         | 1 1/4"      | 275                    | Polyolefin                    | Delrin        | 2.04267.53         | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Polyolefin                    | Ball          | 2.04267.55         | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Polyurethane HI-TECH          | Delrin        | 2.04267.91         | 5 1/4       | 3 7/32        | 2               |
|            |             |                        | Polyurethane HI-TECH          | Ball          | 2.04267.95         | 5 1/4       | 3 7/32        | 2               |
|            |             | 300                    | Performa Rubber (Flat tread)  | Delrin        | 2.04267.441        | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Performa Rubber (Flat tread)  | Ball          | 2.04267.445        | 5 1/4       | 3 7/32        | 2 1/4           |
|            |             |                        | Cast Iron                     | Sleeve        | 2.04267.12         | 5 1/4       | 3 7/32        | 3 1/2           |
|            |             |                        |                               |               |                    |             |               |                 |
| 5"         | 1 5/16"     | 250                    | Performa Rubber (Round tread) | Delrin        | 2.05267.561        | 6 5/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Round tread) | Ball          | 2.05267.565        | 6 5/16      | 3 13/16       | 3               |
|            | 1 1/4"      | 300                    | Polyolefin                    | Delrin        | 2.05267.53         | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Polyolefin                    | Ball          | 2.05267.55         | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Polyurethane HI-TECH          | Delrin        | 2.05267.91         | 6 5/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH          | Ball          | 2.05267.95         | 6 5/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Cast Iron                     | Sleeve        | 2.05267.12         | 6 5/16      | 3 13/16       | 3 3/4           |
|            |             | 325                    | Performa Rubber (Flat tread)  | Delrin        | 2.05267.441        | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Performa Rubber (Flat tread)  | Ball          | 2.05267.445        | 6 5/16      | 3 13/16       | 2 3/4           |
|            |             |                        |                               |               |                    |             |               |                 |
|            |             |                        |                               |               |                    |             |               |                 |
|            |             |                        |                               |               |                    |             |               |                 |

2 SERIES

# 2 SERIES

Capacity up to 325 lbs each

## Grip Ring Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

#### Round Stems

**MTG5:** 2 3/16" long x 3/4" dia. (.75)

**MTG6:** 2 3/16" long x 13/16" dia. (.812)

**MTG7:** 2 3/16" long x 27/32" dia. (.845)

**MTG8:** 2 3/16" long x 7/8" dia. (.865)

**MTG9:** 2 3/16" long x 1" dia. (1.00)

### Standard Mounting:

Standard grip ring stem is 2 3/16" long with 5/8" diameter. Stem features spring grip at top to hold caster securely in tubing. Assures tight fit and easy swivel action.

### Caster Brake

#### Total Lock Brake (See page 10)

Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable. **Note:** When mounted in tubing, brake will function as wheel brake only. (Specify **BRK5**).

#### Side Lock Brake (See page 10)

Available on all swivel models. Field installable (Specify **BRK1**).

### Fork Option

#### NSF Listed (See page 1)

All models except thread guards and cast iron wheels (Specify **FSI**).

#### Swivel Dust Cap (See page 14)

Specify **DC1**.

#### Axle/Nut Options:

**AX1** Zerk Axle

**AX2** Solid Axle

**NT1** Thick lock nut



### Wheel Option

**Thread Guards** (See page 14) – Available on many models. (Specify **TG1** for metal **TG2** for plastic).

## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA  
ROUND TREAD



PERFORMA  
CONDUCTIVE FLAT



PERFORMA  
CONDUCTIVE ROUND



POLYOLEFIN



THERMO



THERMOTECH



POLYURETHANE  
HI-TECH



CAST IRON



RUBBER HI-TECH



PHENOLIC

## 2 SERIES • Grip Ring Stem • Capacity up to 325 lbs

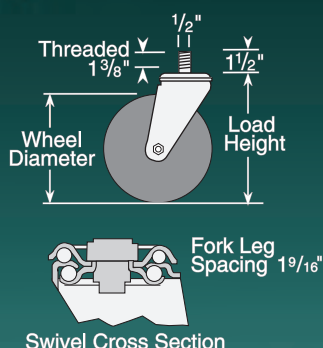
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                 | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|------------------------------------|---------------|--------------------|-------------|---------------|-----------------|
| 2½"        | 1¼"         | 125                    | Performa Rubber (Conductive Flat)  | Ball          | 2.02251.445 COND   | 3¾/4        | 2 13/32       | 1¾/4            |
|            |             | 140                    | Performa Rubber (Flat tread)       | Delrin        | 2.02251.441        | 3¾/4        | 2 13/32       | 1¾/4            |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.02251.445        | 3¾/4        | 2 13/32       | 1¾/4            |
|            |             | 200                    | Polyolefin                         | Delrin        | 2.02251.53         | 3¾/4        | 2 13/32       | 1¾/4            |
|            |             |                        | Polyolefin                         | Ball          | 2.02251.55         | 3¾/4        | 2 13/32       | 1¾/4            |
|            |             | 250                    | Polyurethane HI-TECH               | Delrin        | 2.02251.91         | 3¾/4        | 2 13/32       | 1½/2            |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.02251.95         | 3¾/4        | 2 13/32       | 1½/2            |
|            | 1 7/16"     | 300                    | Cast Iron                          | Sleeve        | 2.02251.12         | 3¾/4        | 2 13/32       | 2 1/8           |
|            |             | 300                    | Phenolic                           | Roller        | 2.02251.319        | 3¾/4        | 2 13/32       | 1¾/4            |
| 3"         | 1¼"         | 150                    | Rubber HI-TECH                     | Plain         | 2.03351.42         | 4           | 2 21/32       | 2               |
|            |             | 200                    | Polyurethane HI-TECH               | Plain         | 2.03351.92         | 4           | 2 21/32       | 2               |
|            |             |                        | Polyolefin                         | Delrin        | 2.03351.52         | 4           | 2 21/32       | 2               |
|            | 1 15/32"    | 300                    | Phenolic                           | Roller        | 2.03351.309        | 4           | 2 21/32       | 2¾/4            |
| 3½"        | 1 5/16"     | 210                    | Performa Rubber (Conductive Round) | Ball          | 2.03251.565 COND   | 4 9/16      | 2 29/32       | 2 1/4           |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.03251.561        | 4 9/16      | 2 29/32       | 2 1/4           |
|            |             |                        | Performa Rubber (Round tread)      | Ball          | 2.03251.565        | 4 9/16      | 2 29/32       | 2 1/4           |
|            | 1¼"         | 225                    | Performa Rubber (Conductive Flat)  | Ball          | 2.03251.445 COND   | 4 9/16      | 2 29/32       | 2               |
|            |             |                        | Polyolefin                         | Delrin        | 2.03251.53         | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             |                        | Polyolefin                         | Ball          | 2.03251.55         | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             | 250                    | Performa Rubber (Flat tread)       | Delrin        | 2.03251.441        | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.03251.445        | 4 9/16      | 2 29/32       | 2 1/8           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.03251.91         | 4 9/16      | 2 29/32       | 1¾/4            |
|            |             | 300                    | Polyurethane HI-TECH               | Ball          | 2.03251.95         | 4 9/16      | 2 29/32       | 1¾/4            |
|            |             |                        | Thermo                             | Plain         | 2.03251.52 HT      | 4 9/16      | 2 29/32       | 2 7/8           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.03251.12         | 4 9/16      | 2 29/32       | 3               |
| 4"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.04251.613 H      | 5           | 3 7/32        | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.04251.445 COND   | 5           | 3 7/32        | 2 1/4           |
|            |             | 275                    | Polyolefin                         | Delrin        | 2.04251.53         | 5           | 3 7/32        | 2 1/4           |
|            |             |                        | Polyolefin                         | Ball          | 2.04251.55         | 5           | 3 7/32        | 2 1/4           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.04251.91         | 5           | 3 7/32        | 2               |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.04251.95         | 5           | 3 7/32        | 2               |
|            |             | 300                    | Performa Rubber (Flat tread)       | Delrin        | 2.04251.441        | 5           | 3 7/32        | 2 1/4           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.04251.445        | 5           | 3 7/32        | 2 1/4           |
|            |             |                        | Thermo                             | Plain         | 2.04251.52 HT      | 5           | 3 7/32        | 3 1/8           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.04251.12         | 5           | 3 7/32        | 3 1/2           |
| 5"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.05251.613 H      | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.05251.445 COND   | 6 1/16      | 3 13/16       | 3               |
|            | 1 5/16"     | 250                    | Performa Rubber (Conductive Round) | Ball          | 2.05251.565 COND   | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.05251.561        | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Round tread)      | Ball          | 2.05251.565        | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Polyolefin                         | Delrin        | 2.05251.53         | 6 1/16      | 3 13/16       | 2¾/4            |
|            | 1¼"         | 300                    | Polyolefin                         | Ball          | 2.05251.55         | 6 1/16      | 3 13/16       | 2¾/4            |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.05251.91         | 6 1/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.05251.95         | 6 1/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.05251.12         | 6 1/16      | 3 13/16       | 3¾/4            |
|            |             | 325                    | Performa Rubber (Flat tread)       | Delrin        | 2.05251.441        | 6 1/16      | 3 13/16       | 2¾/4            |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.05251.445        | 6 1/16      | 3 13/16       | 2¾/4            |
|            |             |                        | Thermo                             | Plain         | 2.05251.52 HT      | 6 1/16      | 3 13/16       | 3 1/2           |

2 SERIES

# 2 SERIES

Capacity up to 325 lbs each

## Straight Thread Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

- MTG10:** 1/2"-13UNC x 3/4" long threaded
- MTG11:** 1/2"-13UNC x 1" long threaded
- MTG12:** 1/2"-20UNF x 3/4" long threaded
- MTG13:** 5/8"-11UNC x 1 3/4" long threaded
- MTG14:** 5/8"-18UNF x 1 3/4" long threaded
- MTG15:** 3/4"-10UNC x 1 3/4" long threaded
- MTG50:** 1/2"-20UNF x 1 1/2" long threaded

### Caster Brake

- Total Lock Brake** (See page 10)  
Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**).
- Side Lock Brake** (See page 10)  
Available on all swivel models. Field installable (Specify **BRK1**).

### Fork Option

- NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify **FSI**).
- Swivel Dust Cap** (See page 14)  
Specify **DC1**.
- Axle/Nut Options:**  
**AX1** Zerk Axle  
**AX2** Solid Axle  
**NT1** Thick lock nut



### Wheel Option

- Thread Guards** (See page 14) – Available on many models. (Specify **TG1** for metal **TG2** for plastic).

### Standard Mounting (MTG 53):

1/2" diameter – 13UNC X 1 1/2" long, threaded 1 3/8".

### Easy Installation:

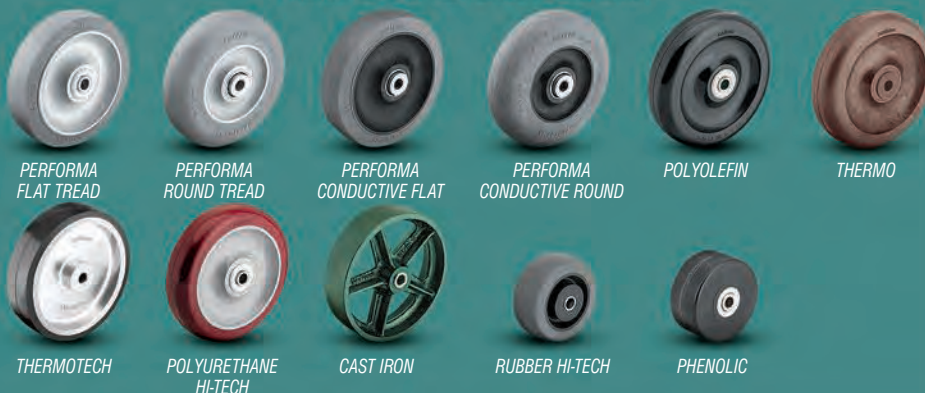
The 7/16" hex nut beneath the lower raceway makes it fast and easy to install these casters on a wide variety of equipment.



### Shopping Cart Caster



## Wheel Selection



**IMPORTANT:** If caster stem is to be screwed into customer equipment, the customer must add a washer to the stem that will cover the incomplete threads and support the upper race. The stem shoulder must fit tightly against the customer equipment.

Colson Performa Shopping Cart Casters feature a cushion ride, quiet operation and sealed bearings. Stem size: 1/2" dia-13 x 7/8" long (keyed).

## 2 SERIES • Straight Thread Stem • Capacity up to 325 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                 | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|------------------------------------|---------------|--------------------|-------------|---------------|-----------------|
| 2½"        | 1¼"         | 125                    | Performa Rubber (Conductive Flat)  | Ball          | 2.02254.445 COND   | 3¾          | 2 13/32       | 1¾              |
|            |             | 140                    | Performa Rubber (Flat tread)       | Delrin        | 2.02254.441        | 3¾          | 2 13/32       | 1¾              |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.02254.445        | 3¾          | 2 13/32       | 1¾              |
|            |             | 200                    | Polyolefin                         | Delrin        | 2.02254.53         | 3¾          | 2 13/32       | 1¾              |
|            |             |                        | Polyolefin                         | Ball          | 2.02254.55         | 3¾          | 2 13/32       | 1¾              |
|            |             | 250                    | Polyurethane HI-TECH               | Delrin        | 2.02254.91         | 3¾          | 2 13/32       | 1½              |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.02254.95         | 3¾          | 2 13/32       | 1½              |
|            | 1⅞"         | 300                    | Cast Iron                          | Sleeve        | 2.02254.12         | 3¾          | 2 13/32       | 2⅛              |
| 3"         | 1¼"         | 150                    | Rubber HI-TECH                     | Plain         | 2.03354.42         | 4           | 2 21/32       | 2               |
|            |             | 200                    | Polyurethane HI-TECH               | Plain         | 2.03354.92         | 4           | 2 21/32       | 2               |
|            |             |                        | Polyolefin                         | Delrin        | 2.03354.52         | 4           | 2 21/32       | 2               |
|            | 1⅝"         | 300                    | Phenolic                           | Roller        | 2.03354.309        | 4           | 2 21/32       | 2¾              |
| 3½"        | 1⅝"         | 210                    | Performa Rubber (Conductive Round) | Ball          | 2.03254.565 COND   | 4⅞          | 2 29/32       | 2¼              |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.03254.561        | 4⅞          | 2 29/32       | 2¼              |
|            |             |                        | Performa Rubber (Round tread)      | Ball          | 2.03254.565        | 4⅞          | 2 29/32       | 2¼              |
|            | 1¼"         | 225                    | Performa Rubber (Conductive Flat)  | Ball          | 2.03254.445 COND   | 4⅞          | 2 29/32       | 2               |
|            |             |                        | Polyolefin                         | Delrin        | 2.03254.53         | 4⅞          | 2 29/32       | 2⅛              |
|            |             |                        | Polyolefin                         | Ball          | 2.03254.55         | 4⅞          | 2 29/32       | 2⅛              |
|            |             | 250                    | Performa Rubber (Flat tread)       | Delrin        | 2.03254.441        | 4⅞          | 2 29/32       | 2⅛              |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.03254.445        | 4⅞          | 2 29/32       | 2⅛              |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.03254.91         | 4⅞          | 2 29/32       | 1¾              |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.03254.95         | 4⅞          | 2 29/32       | 1¾              |
|            |             | 300                    | Thermo                             | Plain         | 2.03254.52 HT      | 4⅞          | 2 29/32       | 3⅛              |
|            |             |                        | Cast Iron                          | Sleeve        | 2.03254.12         | 4⅞          | 2 29/32       | 3               |
| 4"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.04254.613 H      | 5           | 3 7/32        | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.04254.445 COND   | 5           | 3 7/32        | 2¼              |
|            |             | 275                    | Polyolefin                         | Delrin        | 2.04254.53         | 5           | 3 7/32        | 2¼              |
|            |             |                        | Polyolefin                         | Ball          | 2.04254.55         | 5           | 3 7/32        | 2¼              |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.04254.91         | 5           | 3 7/32        | 2               |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.04254.95         | 5           | 3 7/32        | 2               |
|            |             | 300                    | Performa Rubber (Flat tread)       | Delrin        | 2.04254.441        | 5           | 3 7/32        | 2¼              |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.04254.445        | 5           | 3 7/32        | 2¼              |
|            |             |                        | Thermo                             | Plain         | 2.04254.52 HT      | 5           | 3 7/32        | 3¼              |
|            |             |                        | Cast Iron                          | Sleeve        | 2.04254.12         | 5           | 3 7/32        | 3½              |
| 5"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.05254.613 H      | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.05254.445 COND   | 6 1/16      | 3 13/16       | 3               |
|            | 1⅝"         | 250                    | Performa Rubber (Conductive Round) | Ball          | 2.05254.565 COND   | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.05254.561        | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Round tread)      | Ball          | 2.05254.565        | 6 1/16      | 3 13/16       | 3               |
|            | 1¼"         | 300                    | Polyolefin                         | Delrin        | 2.05254.53         | 6 1/16      | 3 13/16       | 2¾              |
|            |             |                        | Polyolefin                         | Ball          | 2.05254.55         | 6 1/16      | 3 13/16       | 2¾              |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.05254.91         | 6 1/16      | 3 13/16       | 2½              |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.05254.95         | 6 1/16      | 3 13/16       | 2½              |
|            |             |                        | Cast Iron                          | Sleeve        | 2.05254.12         | 6 1/16      | 3 13/16       | 3¾              |
|            |             | 325                    | Performa Rubber (Flat tread)       | Delrin        | 2.05254.441        | 6 1/16      | 3 13/16       | 2¾              |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.05254.445        | 6 1/16      | 3 13/16       | 2¾              |
|            |             |                        | Thermo                             | Plain         | 2.05254.52 HT      | 6 1/16      | 3 13/16       | 3¾              |

### New Performa® Shopping Cart Caster

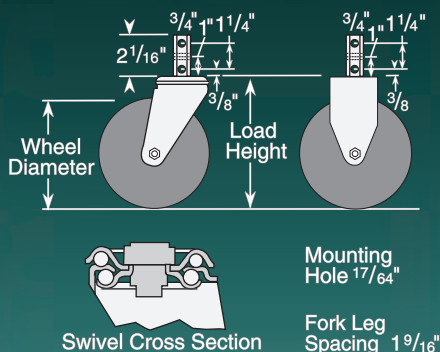
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                | Wheel Bearing | Shopping Cart Caster Model | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-----------------------------------|---------------|----------------------------|-------------|---------------|-----------------|
| 5"         | 1¼"         | 225                    | Performa Rubber (Blue Flat Tread) | Sealed Ball   | 2.05554.448                | 5⅞          | 4⅞            | 1½              |

Conductive wheel option: Consult factory.

# 2 SERIES

Capacity up to 325 lbs each

## Square Stem Swivel & Rigid



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

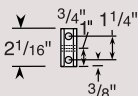
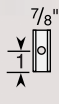
#### Square Stem

**MTG1:** 2 1/16" long x 7/8" square with 1 mounting hole 17/64" diameter (Specify **MTG1**).

**MTG4 (Grip ring):** 2 3/16" long x 7/8" square (.865) (Specify **MTG4**).

#### Octagon Stem

2 1/16" long x 3/4" octagon with 3 mounting holes 17/64" diameter (Specify **MTG3**).



### Caster Brake

**Total Lock Brake** (See page 10)  
Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**).

**Side Lock Brake** (See page 10)  
Available on all swivel models. Field installable (Specify **BRK1**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify **FSI**).

**Swivel Dust Cap** (See page 14)  
Specify **DC1**.

#### Axle/Nut Options:

**AX1** Zerk Axle  
**AX2** Solid Axle  
**NT1** Thick lock nut



### Wheel Option

**Thread Guards** (See page 14)  
Available on many models (Specify **TG1** for metal **TG2** for plastic).

### Standard Mounting:

2 1/16" long x 3/4" square with 3 mounting holes 17/64" diameter. Designed for easy installation on the inside of angle iron legs or against flat surfaces. Stems may be bolted or riveted against any flat vertical surface.

## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA  
ROUND TREAD



PERFORMA  
CONDUCTIVE FLAT



PERFORMA  
CONDUCTIVE ROUND



POLYOLEFIN



THERMO



THERMOTECH



POLYURETHANE  
HI-TECH



CAST IRON



RUBBER HI-TECH



PHENOLIC

## 2 SERIES • Square Stem Swivel & Rigid • Capacity up to 325 lbs

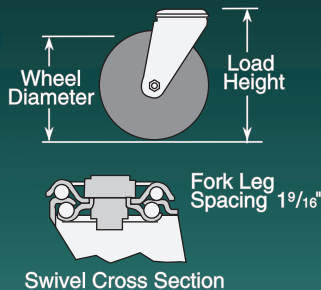
| Capacity Each (Pounds) |           |                              | Wheel Descriptions                 | Wheel Bearing                | Swivel Caster Models | Rigid Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------------------|-----------|------------------------------|------------------------------------|------------------------------|----------------------|---------------------|-------------|---------------|-----------------|
| 2½"                    | 1¼"       | 125                          | Performa Rubber (Conductive Flat)  | Ball                         | 2.02270.445 COND     | 2.02280.445 COND    | 3¾          | 2 13/32       | 1 5/8           |
|                        |           | 140                          | Performa Rubber (Flat tread)       | Delrin                       | 2.02270.441          | 2.02280.441         | 3¾          | 2 13/32       | 1 5/8           |
|                        |           |                              | Performa Rubber (Flat tread)       | Ball                         | 2.02270.445          | 2.02280.445         | 3¾          | 2 13/32       | 1 5/8           |
|                        |           | 200                          | Polyolefin                         | Delrin                       | 2.02270.53           | 2.02280.53          | 3¾          | 2 13/32       | 1 5/8           |
|                        |           |                              | Polyolefin                         | Ball                         | 2.02270.55           | 2.02280.55          | 3¾          | 2 13/32       | 1 5/8           |
|                        |           | 250                          | Polyurethane HI-TECH               | Delrin                       | 2.02270.91           | 2.02280.91          | 3¾          | 2 13/32       | 1 5/8           |
|                        |           |                              | Polyurethane HI-TECH               | Ball                         | 2.02270.95           | 2.02280.95          | 3¾          | 2 13/32       | 1 5/8           |
|                        | 1 7/16"   | 300                          | Cast Iron                          | Sleeve                       | 2.02270.12           | 2.02280.12          | 3¾          | 2 13/32       | 2               |
|                        |           | 300                          | Phenolic                           | Roller                       | 2.02270.319          | 2.02280.319         | 3¾          | 2 13/32       | 1 5/8           |
| 3"                     | 1¼"       | 150                          | Rubber HI-TECH                     | Plain                        | 2.03370.42           | 2.03380.42          | 4           | 2 21/32       | 2               |
|                        |           | 200                          | Polyurethane HI-TECH               | Plain                        | 2.03370.92           | 2.03380.92          | 4           | 2 21/32       | 2               |
|                        |           |                              | Polyolefin                         | Delrin                       | 2.03370.52           | 2.03380.52          | 4           | 2 21/32       | 2               |
|                        | 1 15/32"  | 300                          | Phenolic                           | Roller                       | 2.03370.309          | 2.03380.309         | 4           | 2 21/32       | 2¾              |
| 3½"                    | 1 5/16"   | 210                          | Performa Rubber (Conductive Round) | Ball                         | 2.03270.565 COND     | 2.03280.565 COND    | 4 9/16      | 2 29/32       | 2 1/4           |
|                        |           |                              | Performa Rubber (Round tread)      | Delrin                       | 2.03270.561          | 2.03280.561         | 4 9/16      | 2 29/32       | 2 1/4           |
|                        |           |                              | Performa Rubber (Round tread)      | Ball                         | 2.03270.565          | 2.03280.565         | 4 9/16      | 2 29/32       | 2 1/4           |
|                        | 1 1/4"    | 225                          | Performa Rubber (Conductive Flat)  | Ball                         | 2.03270.445 COND     | 2.03280.445 COND    | 4 9/16      | 2 29/32       | 2               |
|                        |           |                              | Polyolefin                         | Delrin                       | 2.03270.53           | 2.03280.53          | 4 9/16      | 2 29/32       | 1 7/8           |
|                        |           | 230                          | Polyolefin                         | Ball                         | 2.03270.55           | 2.03280.55          | 4 9/16      | 2 29/32       | 1 7/8           |
|                        |           |                              | 250                                | Performa Rubber (Flat tread) | Delrin               | 2.03270.441         | 2.03280.441 | 4 9/16        | 2 29/32         |
|                        |           | Performa Rubber (Flat tread) |                                    | Ball                         | 2.03270.445          | 2.03280.445         | 4 9/16      | 2 29/32       | 2               |
|                        |           | Polyurethane HI-TECH         |                                    | Delrin                       | 2.03270.91           | 2.03280.91          | 4 9/16      | 2 29/32       | 2 7/8           |
|                        |           | Polyurethane HI-TECH         |                                    | Ball                         | 2.03270.95           | 2.03280.95          | 4 9/16      | 2 29/32       | 2 7/8           |
|                        |           | 300                          | Thermo                             | Plain                        | 2.03270.52 HT        | 2.03280.52 HT       | 4 9/16      | 2 29/32       | 2 7/8           |
|                        | Cast Iron |                              | Sleeve                             | 2.03270.12                   | 2.03280.12           | 4 9/16              | 2 29/32     | 3             |                 |
| 4"                     | 1¼"       | 250                          | ThermoTech                         | Teflon                       | 2.04270.613 H        | 2.04280.613 H       | 5           | 3 7/32        | 3               |
|                        |           |                              | Performa Rubber (Conductive Flat)  | Ball                         | 2.04270.445 COND     | 2.04280.445 COND    | 5           | 3 7/32        | 2 1/4           |
|                        |           | 275                          | Polyolefin                         | Delrin                       | 2.04270.53           | 2.04280.53          | 5           | 3 7/32        | 2 1/8           |
|                        |           |                              | Polyolefin                         | Ball                         | 2.04270.55           | 2.04280.55          | 5           | 3 7/32        | 2 1/8           |
|                        |           |                              | Polyurethane HI-TECH               | Delrin                       | 2.04270.91           | 2.04280.91          | 5           | 3 7/32        | 2 1/8           |
|                        |           |                              | Polyurethane HI-TECH               | Ball                         | 2.04270.95           | 2.04280.95          | 5           | 3 7/32        | 2 1/8           |
|                        |           | 300                          | Performa Rubber (Flat tread)       | Delrin                       | 2.04270.441          | 2.04280.441         | 5           | 3 7/32        | 2 1/4           |
|                        |           |                              | Performa Rubber (Flat tread)       | Ball                         | 2.04270.445          | 2.04280.445         | 5           | 3 7/32        | 2 1/4           |
|                        |           |                              | Thermo                             | Plain                        | 2.04270.52 HT        | 2.04280.52 HT       | 5           | 3 7/32        | 3 1/8           |
| Cast Iron              | Sleeve    |                              | 2.04270.12                         | 2.04280.12                   | 5                    | 3 7/32              | 3 3/8       |               |                 |
| 5"                     | 1¼"       | 250                          | ThermoTech                         | Teflon                       | 2.05270.613 H        | 2.05280.613 H       | 6 1/16      | 3 13/16       | 3               |
|                        |           |                              | Performa Rubber (Conductive Flat)  | Ball                         | 2.05270.445 COND     | 2.05280.445 COND    | 6 1/16      | 3 13/16       | 3               |
|                        | 1 5/16"   | 250                          | Performa Rubber (Conductive Round) | Ball                         | 2.05270.565 COND     | 2.05280.565 COND    | 6 1/16      | 3 13/16       | 3               |
|                        |           |                              | Performa Rubber (Round tread)      | Delrin                       | 2.05270.561          | 2.05280.561         | 6 1/16      | 3 13/16       | 3               |
|                        |           |                              | Performa Rubber (Round tread)      | Ball                         | 2.05270.565          | 2.05280.565         | 6 1/16      | 3 13/16       | 3               |
|                        |           |                              | Polyolefin                         | Delrin                       | 2.05270.53           | 2.05280.53          | 6 1/16      | 3 13/16       | 2 1/2           |
|                        | 1 1/4"    | 300                          | Polyolefin                         | Ball                         | 2.05270.55           | 2.05280.55          | 6 1/16      | 3 13/16       | 2 1/2           |
|                        |           |                              | Polyurethane HI-TECH               | Delrin                       | 2.05270.91           | 2.05280.91          | 6 1/16      | 3 13/16       | 2 1/2           |
|                        |           |                              | Polyurethane HI-TECH               | Ball                         | 2.05270.95           | 2.05280.95          | 6 1/16      | 3 13/16       | 2 1/2           |
|                        |           |                              | Cast Iron                          | Sleeve                       | 2.05270.12           | 2.05280.12          | 6 1/16      | 3 13/16       | 3¾              |
|                        |           | 325                          | Performa Rubber (Flat tread)       | Delrin                       | 2.05270.441          | 2.05280.441         | 6 1/16      | 3 13/16       | 2¾              |
|                        |           |                              | Performa Rubber (Flat tread)       | Ball                         | 2.05270.445          | 2.05280.445         | 6 1/16      | 3 13/16       | 2¾              |
|                        |           |                              | Thermo                             | Plain                        | 2.05270.52 HT        | 2.05280.52 HT       | 6 1/16      | 3 13/16       | 3 1/2           |

2 SERIES

# 2 SERIES

Capacity up to 325 lbs each

## Modular Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

### Standard Mounting:

Colson modular stem casters feature a 1/2" hollow rivet which will accept a wide variety of mounting stems (even a standard 1/2" bolt will work). You can supply the mounting fasteners or stems—we supply the casters.

## Performance Options

### Caster Brake

**Total Lock Brake** (See page 10)  
Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**).

**Side Lock Brake** (See page 10)  
Available on all swivel models. Field installable (Specify **BRK1**).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify **FSI**).

**Swivel Dust Cap** (See page 14)  
Specify **DC1**.

#### Axle/Nut Options:

**AX1** Zerk Axle  
**AX2** Solid Axle  
**NT1** Thick lock nut



### Wheel Option

**Thread Guards** (See page 14)  
Available on many models. (Specify **TG1** for metal **TG2** for plastic).

## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA  
ROUND TREAD



PERFORMA  
CONDUCTIVE FLAT



PERFORMA  
CONDUCTIVE ROUND



POLYOLEFIN



THERMO



THERMOTECH



POLYURETHANE  
HI-TECH



CAST IRON



RUBBER HI-TECH



PHENOLIC

## 2 SERIES • Modular Stem • Capacity up to 325 lbs

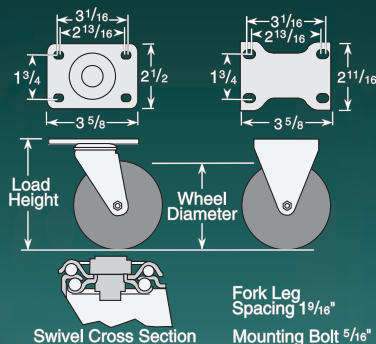
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                 | Wheel Bearing | Stem Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|------------------------------------|---------------|--------------------|-------------|---------------|-----------------|
| 2½"        | 1¼"         | 125                    | Performa Rubber (Conductive Flat)  | Ball          | 2.02250.445 COND   | 3¾          | 2 13/32       | 1 1/2           |
|            |             | 140                    | Performa Rubber (Flat tread)       | Delrin        | 2.02250.441        | 3¾          | 2 13/32       | 1 1/2           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.02250.445        | 3¾          | 2 13/32       | 1 1/2           |
|            |             | 200                    | Polyolefin                         | Delrin        | 2.02250.53         | 3¾          | 2 13/32       | 1 1/2           |
|            |             |                        | Polyolefin                         | Ball          | 2.02250.55         | 3¾          | 2 13/32       | 1 1/2           |
|            |             | 250                    | Polyurethane HI-TECH               | Delrin        | 2.02250.91         | 3¾          | 2 13/32       | 1 1/4           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.02250.95         | 3¾          | 2 13/32       | 1 1/4           |
|            | 1 7/16"     | 300                    | Cast Iron                          | Sleeve        | 2.02250.12         | 3¾          | 2 13/32       | 2               |
| 3"         | 1¼"         | 150                    | Rubber HI-TECH                     | Plain         | 2.03350.42         | 4           | 2 21/32       | 2               |
|            |             | 200                    | Polyurethane HI-TECH               | Plain         | 2.03350.92         | 4           | 2 21/32       | 2               |
|            |             |                        | Polyolefin                         | Delrin        | 2.03350.52         | 4           | 2 21/32       | 2               |
|            | 1 15/32"    | 300                    | Phenolic                           | Roller        | 2.03350.309        | 4           | 2 21/32       | 2 3/4           |
| 3½"        | 1 5/16"     | 210                    | Performa Rubber (Conductive Round) | Ball          | 2.03250.565 COND   | 4 9/16      | 2 29/32       | 2               |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.03250.561        | 4 9/16      | 2 29/32       | 2               |
|            |             |                        | Performa Rubber (Round tread)      | Ball          | 2.03250.565        | 4 9/16      | 2 29/32       | 2               |
|            | 1¼"         | 225                    | Performa Rubber (Conductive Flat)  | Ball          | 2.03250.445 COND   | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             |                        | Polyolefin                         | Delrin        | 2.03250.53         | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             | 230                    | Polyolefin                         | Delrin        | 2.03250.53         | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             |                        | Polyolefin                         | Ball          | 2.03250.55         | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             | 250                    | Performa Rubber (Flat tread)       | Delrin        | 2.03250.441        | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.03250.445        | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.03250.91         | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.03250.95         | 4 9/16      | 2 29/32       | 1 3/4           |
|            |             |                        | Thermo                             | Plain         | 2.03250.52 HT      | 4 9/16      | 2 29/32       | 2 3/4           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.03250.12         | 4 9/16      | 2 29/32       | 2 7/8           |
| 4"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.04250.613 H      | 5           | 3 7/32        | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.04250.445 COND   | 5           | 3 7/32        | 2 1/8           |
|            |             | 275                    | Polyolefin                         | Delrin        | 2.04250.53         | 5           | 3 7/32        | 2 1/8           |
|            |             |                        | Polyolefin                         | Ball          | 2.04250.55         | 5           | 3 7/32        | 2 1/8           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.04250.91         | 5           | 3 7/32        | 1 7/8           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.04250.95         | 5           | 3 7/32        | 1 7/8           |
|            |             | 300                    | Performa Rubber (Flat tread)       | Delrin        | 2.04250.441        | 5           | 3 7/32        | 2 1/8           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.04250.445        | 5           | 3 7/32        | 2 1/8           |
|            |             |                        | Thermo                             | Plain         | 2.04250.52 HT      | 5           | 3 7/32        | 3 1/8           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.04250.12         | 5           | 3 7/32        | 3 1/8           |
| 5"         | 1¼"         | 250                    | ThermoTech                         | Teflon        | 2.05250.613 H      | 6 1/16      | 3 13/16       | 3               |
|            |             |                        | Performa Rubber (Conductive Flat)  | Ball          | 2.05250.445 COND   | 6 1/16      | 3 13/16       | 2 3/4           |
|            | 1 5/16"     | 250                    | Performa Rubber (Conductive Round) | Ball          | 2.05250.565 COND   | 6 1/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Performa Rubber (Round tread)      | Delrin        | 2.05250.561        | 6 1/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Performa Rubber (Round tread)      | Ball          | 2.05250.565        | 6 1/16      | 3 13/16       | 2 3/4           |
|            | 1¼"         | 300                    | Polyolefin                         | Delrin        | 2.05250.53         | 6 1/16      | 3 13/16       | 2 1/4           |
|            |             |                        | Polyolefin                         | Ball          | 2.05250.55         | 6 1/16      | 3 13/16       | 2 1/4           |
|            |             |                        | Polyurethane HI-TECH               | Delrin        | 2.05250.91         | 6 1/16      | 3 13/16       | 2 1/4           |
|            |             |                        | Polyurethane HI-TECH               | Ball          | 2.05250.95         | 6 1/16      | 3 13/16       | 2 1/4           |
|            |             |                        | Cast Iron                          | Sleeve        | 2.05250.12         | 6 1/16      | 3 13/16       | 3 1/2           |
|            |             | 325                    | Performa Rubber (Flat tread)       | Delrin        | 2.05250.441        | 6 1/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Performa Rubber (Flat tread)       | Ball          | 2.05250.445        | 6 1/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Thermo                             | Plain         | 2.05250.52 HT      | 6 1/16      | 3 13/16       | 3 1/4           |

2 SERIES

# 2 SERIES

Capacity up to 325 lbs each

## Top Plate Swivel & Rigid

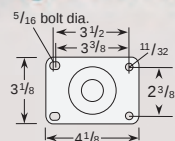


### Standard Features

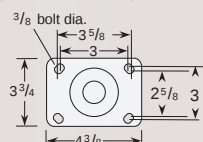
- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

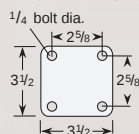
### Optional Top Plates



# 59 Top Plate (Swivel)  
(Specify MTG59).



# 27 Top Plate (Swivel)  
(Specify MTG27)



# 35 Top Plate (Swivel) (Specify MTG35)

### Caster Brake

**Total Lock Brake** (See page 10)  
Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify BRK5).

**Side Lock Brake** (See page 10)  
Available on all swivel models. Field installable (Specify BRK1).

### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify FSI).

**Swivel Dust Cap** (See page 14)  
Specify DC1.

#### Axle/Nut Options:

AX1 Zerk Axle  
AX2 Solid Axle  
NT1 Thick lock nut

### Wheel Option

**Thread Guards** (See page 14)  
Available on many models (Specify TG1 for metal TG2 for plastic).

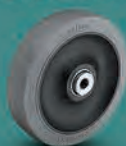
## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA  
ROUND TREAD



PERFORMA  
CONDUCTIVE FLAT



PERFORMA  
CONDUCTIVE ROUND



POLYOLEFIN



THERMO



THERMOTECH



POLYURETHANE  
HI-TECH



CAST IRON



RUBBER HI-TECH



PHENOLIC

## 2 SERIES • Top Plate Swivel & Rigid • Capacity up to 325 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions              | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|---------------------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 2½"        | 1¼"         | 125                    | Perma Rubber (Conductive Flat)  | Ball          | 2.02256.445 COND               | 2.02208.445 COND              | 3⅞          | 2 13/32       | 1 5/8           |
|            |             | 140                    | Perma Rubber (Flat tread)       | Delrin        | 2.02256.441                    | 2.02208.441                   | 3⅞          | 2 13/32       | 1 5/8           |
|            |             |                        | Perma Rubber (Flat tread)       | Ball          | 2.02256.445                    | 2.02208.445                   | 3⅞          | 2 13/32       | 1 5/8           |
|            |             | 200                    | Polyolefin                      | Delrin        | 2.02256.53                     | 2.02208.53                    | 3⅞          | 2 13/32       | 1 5/8           |
|            |             |                        | Polyolefin                      | Ball          | 2.02256.55                     | 2.02208.55                    | 3⅞          | 2 13/32       | 1 5/8           |
|            |             | 250                    | Polyurethane HI-TECH            | Delrin        | 2.02256.91                     | 2.02208.91                    | 3⅞          | 2 13/32       | 1 5/8           |
|            |             |                        | Polyurethane HI-TECH            | Ball          | 2.02256.95                     | 2.02208.95                    | 3⅞          | 2 13/32       | 1 5/8           |
|            | 1⅞          | 300                    | Cast Iron                       | Sleeve        | 2.02256.12                     | 2.02208.12                    | 3⅞          | 2 13/32       | 2               |
| 3"         | 1¼"         | 150                    | Rubber HI-TECH                  | Plain         | 2.03356.42                     | 2.03308.42                    | 4 1/8       | 2 21/32       | 2               |
|            |             | 200                    | Polyurethane HI-TECH            | Plain         | 2.03356.92                     | 2.03308.92                    | 4 1/8       | 2 21/32       | 2               |
|            |             |                        | Polyolefin                      | Delrin        | 2.03356.52                     | 2.03308.52                    | 4 1/8       | 2 21/32       | 2               |
|            | 1 15/32"    | 300                    | Phenolic                        | Roller        | 2.03356.309                    | 2.03308.309                   | 4 1/8       | 2 21/32       | 2 3/4           |
| 3½"        | 1 5/16"     | 210                    | Perma Rubber (Conductive Round) | Ball          | 2.03256.565 COND               | 2.03208.565 COND              | 4 11/16     | 2 29/32       | 2 1/4           |
|            |             |                        | Perma Rubber (Round tread)      | Delrin        | 2.03256.561                    | 2.03208.561                   | 4 11/16     | 2 29/32       | 2 1/4           |
|            |             |                        | Perma Rubber (Round tread)      | Ball          | 2.03256.565                    | 2.03208.565                   | 4 11/16     | 2 29/32       | 2 1/4           |
|            | 1¼"         | 225                    | Perma Rubber (Conductive Flat)  | Ball          | 2.03256.445 COND               | 2.03208.445 COND              | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Polyolefin                      | Delrin        | 2.03256.53                     | 2.03208.53                    | 4 11/16     | 2 29/32       | 1 7/8           |
|            |             |                        | Polyolefin                      | Ball          | 2.03256.55                     | 2.03208.55                    | 4 11/16     | 2 29/32       | 1 7/8           |
|            |             | 250                    | Perma Rubber (Flat tread)       | Delrin        | 2.03256.441                    | 2.03208.441                   | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Perma Rubber (Flat tread)       | Ball          | 2.03256.445                    | 2.03208.445                   | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Polyurethane HI-TECH            | Delrin        | 2.03256.91                     | 2.03208.91                    | 4 11/16     | 2 29/32       | 1 7/8           |
|            |             |                        | Polyurethane HI-TECH            | Ball          | 2.03256.95                     | 2.03208.95                    | 4 11/16     | 2 29/32       | 1 7/8           |
|            |             |                        | Thermo                          | Plain         | 2.03256.52 HT                  | 2.03208.52 HT                 | 4 11/16     | 2 29/32       | 2 7/8           |
|            |             | 300                    | Cast Iron                       | Sleeve        | 2.03256.12                     | 2.03208.12                    | 4 11/16     | 2 29/32       | 3               |
| 4"         | 1¼"         | 250                    | ThermoTech                      | Teflon        | 2.04256.613 H                  | 2.04208.613 H                 | 5 1/8       | 3 7/32        | 3               |
|            |             |                        | Perma Rubber (Conductive Flat)  | Ball          | 2.04256.445 COND               | 2.04208.445 COND              | 5 1/8       | 3 7/32        | 2 1/4           |
|            |             | 275                    | Polyolefin                      | Delrin        | 2.04256.53                     | 2.04208.53                    | 5 1/8       | 3 7/32        | 2 1/8           |
|            |             |                        | Polyolefin                      | Ball          | 2.04256.55                     | 2.04208.55                    | 5 1/8       | 3 7/32        | 2 1/8           |
|            |             |                        | Polyurethane HI-TECH            | Delrin        | 2.04256.91                     | 2.04208.91                    | 5 1/8       | 3 7/32        | 2 1/8           |
|            |             |                        | Polyurethane HI-TECH            | Ball          | 2.04256.95                     | 2.04208.95                    | 5 1/8       | 3 7/32        | 2 1/8           |
|            |             | 300                    | Perma Rubber (Flat tread)       | Delrin        | 2.04256.441                    | 2.04208.441                   | 5 1/8       | 3 7/32        | 2 1/4           |
|            |             |                        | Perma Rubber (Flat tread)       | Ball          | 2.04256.445                    | 2.04208.445                   | 5 1/8       | 3 7/32        | 2 1/4           |
|            |             |                        | Thermo                          | Plain         | 2.04256.52 HT                  | 2.04208.52 HT                 | 5 1/8       | 3 7/32        | 3 1/8           |
|            |             |                        | Cast Iron                       | Sleeve        | 2.04256.12                     | 2.04208.12                    | 5 1/8       | 3 7/32        | 3 3/8           |
| 5"         | 1¼"         | 250                    | ThermoTech                      | Teflon        | 2.05256.613 H                  | 2.05208.613 H                 | 6 3/16      | 3 13/16       | 3               |
|            |             |                        | Perma Rubber (Conductive Flat)  | Ball          | 2.05256.445 COND               | 2.05208.445 COND              | 6 3/16      | 3 13/16       | 3               |
|            | 1 5/16"     | 250                    | Perma Rubber (Conductive Round) | Ball          | 2.05256.565 COND               | 2.05208.565 COND              | 6 3/16      | 3 13/16       | 3               |
|            |             |                        | Perma Rubber (Round tread)      | Delrin        | 2.05256.561                    | 2.05208.561                   | 6 3/16      | 3 13/16       | 3               |
|            |             |                        | Perma Rubber (Round tread)      | Ball          | 2.05256.565                    | 2.05208.565                   | 6 3/16      | 3 13/16       | 3               |
|            |             |                        | Polyolefin                      | Delrin        | 2.05256.53                     | 2.05208.53                    | 6 3/16      | 3 13/16       | 2 1/2           |
|            | 1¼"         | 300                    | Polyolefin                      | Ball          | 2.05256.55                     | 2.05208.55                    | 6 3/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH            | Delrin        | 2.05256.91                     | 2.05208.91                    | 6 3/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH            | Ball          | 2.05256.95                     | 2.05208.95                    | 6 3/16      | 3 13/16       | 2 1/2           |
|            |             |                        | Cast Iron                       | Sleeve        | 2.05256.12                     | 2.05208.12                    | 6 3/16      | 3 13/16       | 3 3/4           |
|            |             | 325                    | Perma Rubber (Flat tread)       | Delrin        | 2.05256.441                    | 2.05208.441                   | 6 3/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Perma Rubber (Flat tread)       | Ball          | 2.05256.445                    | 2.05208.445                   | 6 3/16      | 3 13/16       | 2 3/4           |
|            |             |                        | Thermo                          | Plain         | 2.05256.52 HT                  | 2.05208.52 HT                 | 6 3/16      | 3 13/16       | 3 1/2           |

2 SERIES

# 2 SERIES

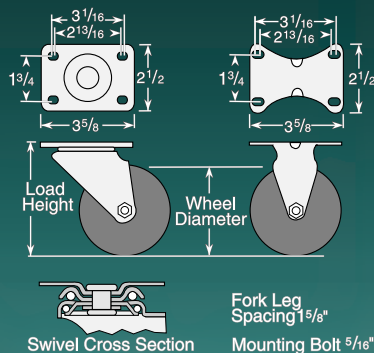
Capacity up to 325 lbs each

## STAINLESS STEEL

### Standard Features

- Polished 304 grade stainless steel finish handles the most punishing, corrosive conditions
- Double ball raceways for better performance and greater durability
- All component parts, including spanner bushing, axle and nut are stainless steel
- Designed to perform in the most hostile environments
- If rust is a problem...Colson stainless steel is the solution

## Stainless Steel Top Plate Swivel & Rigid



### Performance Options

#### Caster Brake

**Tech Lock** (See page 11)  
Available on all swivel models. Field installable (Specify **BRK2**).

#### Fork Option

**NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify **FSI**).



#### Wheel Option

**Thread Guards** (See page 14)  
Available on many models (Specify **TG2** for plastic).

### Wheel Selection



PERFORMA FLAT TREAD



PERFORMA ROUND TREAD



POLYOLEFIN



THERMOTECH



THERMO



POLYURETHANE HI-TECH

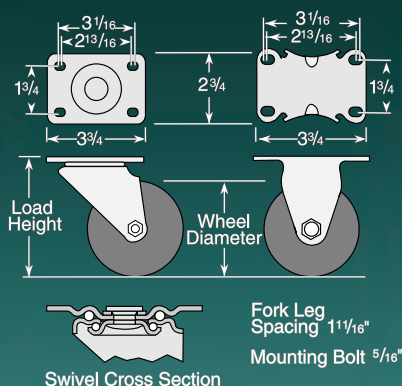
### 2 SERIES · Stainless Steel Top Plate Swivel & Rigid · Capacity up to 325 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                 | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|------------------------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 4"         | 1 1/4"      | 250                    | ThermoTech®                        | Teflon        | 2.04456.613H                   | 2.04408.613H                  | 5 1/8       | 35/16         | 3               |
|            |             | 275                    | Polyolefin                         | Delrin        | 2.04456.544                    | 2.04408.544                   | 5 1/8       | 35/16         | 2 1/8           |
|            |             | 275                    | Polyurethane HI-TECH               | Delrin        | 2.04456.944                    | 2.04408.944                   | 5 1/8       | 35/16         | 2 1/8           |
|            |             | 300                    | Performa Rubber (Flat Tread)       | Delrin        | 2.04456.444                    | 2.04408.444                   | 5 1/8       | 35/16         | 2 1/4           |
|            |             | 700                    | Thermo                             | Plain         | 2.04456.52HT                   | 2.04408.52HT                  | 5 1/8       | 35/16         | 2 1/4           |
| 5"         | 1 1/4"      | 250                    | ThermoTech®                        | Teflon        | 2.05456.613H                   | 2.05408.613H                  | 6 3/16      | 4 1/16        | 3               |
|            |             | 300                    | Polyolefin                         | Delrin        | 2.05456.544                    | 2.05408.544                   | 6 3/16      | 4 1/16        | 2 5/8           |
|            |             | 300                    | Polyurethane HI-TECH               | Delrin        | 2.05456.944                    | 2.05408.944                   | 6 3/16      | 4 1/16        | 2 5/8           |
|            |             | 325                    | Performa Rubber (Flat Tread)       | Delrin        | 2.05456.444                    | 2.05408.444                   | 6 3/16      | 4 1/16        | 2 3/4           |
|            |             | 325                    | Thermo                             | Plain         | 2.05456.52HT                   | 2.05408.52HT                  | 6 3/16      | 4 1/16        | 2 3/4           |
|            | 1 5/16"     | 250                    | Performa Rubber (Round Grey Tread) | Delrin        | 2.05456.565                    | 2.05408.565                   | 6 3/16      | 4 1/16        | 2 3/4           |

# 2 SERIES

Capacity up to 325 lbs each

## LoPro Top Plate Swivel & Rigid



### Standard Features

- Zinc plated finish is attractive and durable
- Heat treated full double ball hardened raceways
- Low profile design offers low load height and quick swivel response.
- Ideal for business machines, stock picking carts, warehouse dollies and housekeeping carts
- Thread guards standard on all models, but are not available with 3" brake option

## Performance Options

### Caster Brake

#### Side Lock (See page 7)

Easy to engage and disengage with a touch of the pedal (3" models only).

To order specify "BRK3".

### Wheel Selection



CUSHION RUBBER



HARD RUBBER



POLYOLEFIN

## 2 SERIES • LoPro Top Plate Swivel & Rigid • Capacity up to 325 lbs

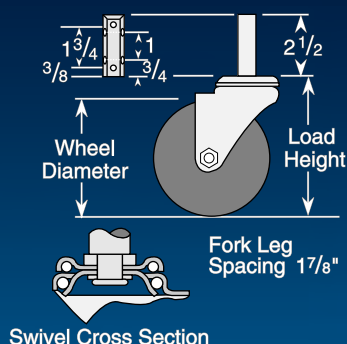
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|--------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 2 1/2"     | 1 1/8"      | 120                    | Cushion Rubber     | Nylon*        | 2.02689.44                     | 2.02688.44                    | 3 5/16      | 2 3/8         | 1               |
|            |             | 175                    | Hard Rubber        | Nylon*        | 2.02689.54                     | 2.02688.54                    | 3 5/16      | 2 3/8         | 1               |
|            |             | 175                    | Polyolefin         | Nylon*        | 2.02689.52                     | 2.02688.52                    | 3 5/16      | 2 3/8         | 1               |
| 3"         | 1 1/4"      | 125                    | Cushion Rubber     | Nylon*        | 2.03689.44                     | 2.03688.44                    | 3 13/16     | 2 11/16       | 1 1/2           |
|            |             | 210                    | Hard Rubber        | Nylon*        | 2.03689.54                     | 2.03688.54                    | 3 13/16     | 2 11/16       | 1 1/2           |
|            |             | 210                    | Polyolefin         | Nylon*        | 2.03689.52                     | 2.03688.52                    | 3 13/16     | 2 11/16       | 1 1/2           |

\*Nylon bearing with powdered metal bushing.

# 3 SERIES

Capacity up to 400 lbs each

## Round Square Stem



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Permanent rivet king pin construction
- Reinforcing washer on upper & lower raceway
- Grease holes: wheel bearing
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Mounting Options

**Round Stem** – Select size and specify by code number when ordering.

**MTG7:** 2 1/2" long x 3/4" diameter

**MTG9:** 2 1/2" long x 7/8" diameter

**MTG11:** 2 1/2" long x 1" diameter

**Square Stem** – Select size and specify by code number when ordering.

**MTG31:** 2 1/2" long x 7/8" square

### Caster Brake

**Tread Lock** (See page 11)

Available on all swivel models. Field installable (Specify **BRK1**).

### Fork/Wheel Options

**NSF Listed** (See page 1)

All models except thread guards and cast iron wheels (Specify **FSI**).

**Dust Cap** (See page 14) – Specify **DC1**.

**Thread Guards** (See page 14) – Available on many models. (Specify **TG1** for metal **TG2** for plastic).

| Lube Options:   | Fork                   | Wheel       |
|-----------------|------------------------|-------------|
| No Grease       | <b>GRF1</b>            | <b>GRW1</b> |
| Double Grease   | <b>GRF2</b>            | <b>GRW2</b> |
| 300° Continuous | <b>GRF3</b>            | <b>GRW3</b> |
| 500° Continuous | <b>Consult Factory</b> |             |

**Axle/Nut Options:**

|                       |                           |
|-----------------------|---------------------------|
| <b>AX1</b> Zerk Axle  | <b>NT1</b> Thick lock nut |
| <b>AX2</b> Solid Axle | <b>NT2</b> Thin lock nut  |



### Standard Mounting:

#### Round Stem:

2 1/2" long. Three optional diameters to choose from.

#### Square Stem:

Four 17/64" diameter mounting holes are drilled in square stem, two per side. 2 1/2" long x 7/8" square.

## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA CONDUCTIVE/  
DISSIPATIVE



POLYOLEFIN



POLYURETHANE  
HI-TECH



PHENOLIC



CAST IRON



MAXIM

### 3 SERIES • Round & Square Stem • Capacity up to 400 lbs

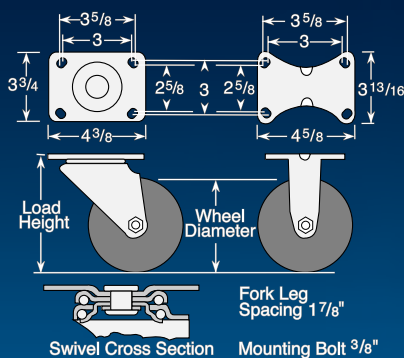
| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                | Wheel Bearing | Specify Mounting Code From Previous Page | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-----------------------------------|---------------|------------------------------------------|-------------|---------------|-----------------|
| 3"         | 1 1/2"      | 250                    | Performa Rubber (Flat/Grey)       | Delrin        | 3.00314.441                              | 4 5/16      | 3 1/8         | 2 1/2           |
|            |             |                        | Performa Rubber (Flat/Grey)       | Roller        | 3.00314.449                              | 4 5/16      | 3 1/8         | 2 1/2           |
|            |             | 300                    | Polyolefin                        | Delrin        | 3.00314.801                              | 4 5/16      | 3 1/8         | 2 1/2           |
|            |             |                        | Polyolefin                        | Roller        | 3.00314.809                              | 4 5/16      | 3 1/8         | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00314.901                              | 4 5/16      | 3 1/8         | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00314.909                              | 4 5/16      | 3 1/8         | 2 1/2           |
|            |             | 400                    | Phenolic                          | Delrin        | 3.00314.301                              | 4 5/16      | 3 1/8         | 2 1/4           |
|            |             |                        | Phenolic                          | Ball          | 3.00314.305                              | 4 5/16      | 3 1/8         | 2 1/4           |
|            |             |                        | Phenolic                          | Roller        | 3.00314.309                              | 4 5/16      | 3 1/8         | 2 1/2           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00314.101                              | 4 5/16      | 3 1/8         | 3 3/4           |
|            |             |                        | Cast Iron                         | Roller        | 3.00314.109                              | 4 5/16      | 3 1/8         | 3 3/4           |
|            |             |                        |                                   |               |                                          |             |               |                 |
| 4"         | 1 1/2"      | 255                    | Performa Rubber (Conductive Flat) | Roller        | 3.00414.449 COND                         | 5 3/16      | 3 5/8         | 2 2/3           |
|            |             | 325                    | Performa Rubber (Flat/Grey)       | Delrin        | 3.00414.441                              | 5 3/16      | 3 5/8         | 2 2/3           |
|            |             |                        | Performa Rubber (Flat/Grey)       | Roller        | 3.00414.449                              | 5 3/16      | 3 5/8         | 2 2/3           |
|            |             | 375                    | Polyolefin                        | Delrin        | 3.00414.801                              | 5 3/16      | 3 5/8         | 2 1/4           |
|            |             |                        | Polyolefin                        | Roller        | 3.00414.809                              | 5 3/16      | 3 5/8         | 2 1/4           |
|            |             | 400                    | Maxim                             | Delrin        | 3.00414.501                              | 5 3/16      | 3 5/8         | 2 3/4           |
|            |             |                        | Maxim                             | Bronze        | 3.00414.504                              | 5 3/16      | 3 5/8         | 2 3/4           |
|            |             |                        | Maxim                             | Roller        | 3.00414.509                              | 5 3/16      | 3 5/8         | 2 3/4           |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00414.901                              | 5 3/16      | 3 5/8         | 2 3/4           |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00414.909                              | 5 3/16      | 3 5/8         | 2 3/4           |
|            |             |                        | Phenolic                          | Delrin        | 3.00414.301                              | 5 3/16      | 3 5/8         | 2 1/2           |
|            |             |                        | Phenolic                          | Ball          | 3.00414.305                              | 5 3/16      | 3 5/8         | 2 1/2           |
|            |             |                        | Phenolic                          | Roller        | 3.00414.309                              | 5 3/16      | 3 5/8         | 2 3/4           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00414.101                              | 5 3/16      | 3 5/8         | 4               |
|            |             |                        | Cast Iron                         | Roller        | 3.00414.109                              | 5 3/16      | 3 5/8         | 4               |
| 5"         | 1 1/2"      | 280                    | Performa Rubber (Conductive Flat) | Roller        | 3.00514.449 COND                         | 6 3/16      | 3 7/8         | 3               |
|            |             | 350                    | Performa Rubber (Flat/Grey)       | Delrin        | 3.00514.441                              | 6 3/16      | 3 7/8         | 3               |
|            |             |                        | Performa Rubber (Flat/Grey)       | Roller        | 3.00514.449                              | 6 3/16      | 3 7/8         | 3               |
|            |             | 400                    | Polyolefin                        | Delrin        | 3.00514.801                              | 6 3/16      | 3 7/8         | 2 1/2           |
|            |             |                        | Polyolefin                        | Roller        | 3.00514.809                              | 6 3/16      | 3 7/8         | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00514.901                              | 6 3/16      | 3 7/8         | 3               |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00514.909                              | 6 3/16      | 3 7/8         | 3               |
|            |             |                        | Phenolic                          | Delrin        | 3.00514.301                              | 6 3/16      | 3 7/8         | 2 1/2           |
|            |             |                        | Phenolic                          | Ball          | 3.00514.305                              | 6 3/16      | 3 7/8         | 2 1/2           |
|            |             |                        | Phenolic                          | Roller        | 3.00514.309                              | 6 3/16      | 3 7/8         | 2 3/4           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00514.101                              | 6 3/16      | 3 7/8         | 4 1/2           |
|            |             |                        | Cast Iron                         | Roller        | 3.00514.109                              | 6 3/16      | 3 7/8         | 4 1/2           |
| 6"         | 1 1/2"      | 300                    | Performa Rubber (Conductive Flat) | Roller        | 3.00614.449 COND                         | 7 3/16      | 4 5/8         | 4               |
|            |             | 375                    | Performa Rubber (Flat/Grey)       | Delrin        | 3.00614.441                              | 7 3/16      | 4 5/8         | 4               |
|            |             |                        | Performa Rubber (Flat/Grey)       | Roller        | 3.00614.449                              | 7 3/16      | 4 5/8         | 4               |
|            |             | 400                    | Polyolefin                        | Delrin        | 3.00614.801                              | 7 3/16      | 4 5/8         | 2 1/2           |
|            |             |                        | Polyolefin                        | Roller        | 3.00614.809                              | 7 3/16      | 4 5/8         | 2 1/2           |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00614.901                              | 7 3/16      | 4 5/8         | 3 1/2           |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00614.909                              | 7 3/16      | 4 5/8         | 3 1/2           |
|            |             |                        | Phenolic                          | Delrin        | 3.00614.301                              | 7 3/16      | 4 5/8         | 3 1/4           |
|            |             |                        | Phenolic                          | Ball          | 3.00614.305                              | 7 3/16      | 4 5/8         | 3 1/4           |
|            |             |                        | Phenolic                          | Roller        | 3.00614.309                              | 7 3/16      | 4 5/8         | 3 1/2           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00614.101                              | 7 3/16      | 4 5/8         | 5 3/4           |
|            |             |                        | Cast Iron                         | Roller        | 3.00614.109                              | 7 3/16      | 4 5/8         | 5 3/4           |

Roller Bearing Options: Metal cage roller bearing (Specify **WB29**).

## 3 SERIES

Capacity up to 400 lbs each

## ***Top Plate Swivel & Rigid***



## Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- $\frac{3}{8}$ " hollow axle with lock nut
- Permanent rivet king pin construction
- Reinforcing washer on lower raceway on swivel models
- .164 steel top plate
- Grease holes: wheel bearing
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Caster Brake

**Tread Lock** (See page 11) Available on all swivel models. Field installable (Specify **BRK1**).

### **Fork/Wheel Options**

**Dust Cap** (See page 14) – Specify **DC1**.

**NSF Listed** (See page 1) – All models except thread guards and cast iron wheels (Specify **FSI**).

**Thread Guards** (See page 14)– Available on many models.  
(Specify **TG1** for metal **TG2** for plastic).

|                      |                        |             |
|----------------------|------------------------|-------------|
| <b>Lube Options:</b> | Fork                   | Wheel       |
| No Grease            | <b>GRF1</b>            | <b>GRW1</b> |
| Double Grease        | <b>GRF2</b>            | <b>GRW2</b> |
| 300° Continuous      | <b>GRF3</b>            | <b>GRW3</b> |
| 500° Continuous      | <b>Consult Factory</b> |             |

### Axle/Nut Options:

**AX1** Zerk Axle      **NT1** Thick lock nut  
**AX2** Solid Axle    **NT2** Thin lock nut



## Wheel Selection



PERFORMA  
FLAT TREAD



PERFORMA CONDUCTIVE/  
DISSIPATIVE



POLYOLEFIN



**POLYURETHANE  
HI-TECH**



*PHENOLIC*



## CAST IRON



MAXIM

### 3 SERIES · Top Plate Swivel & Rigid · Capacity up to 400 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-----------------------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 3"         | 1 1/2"      | 250                    | Performa Rubber (Flat/Grey)       | Delrin        | 3.00317.441                    | 3.00308.441                   | 4 1/2       | 3 1/8         | 3               |
|            |             |                        | Performa Rubber (Flat/Grey)       | Roller        | 3.00317.449                    | 3.00308.449                   | 4 1/2       | 3 1/8         | 3               |
|            |             | 300                    | Polyolefin                        | Delrin        | 3.00317.801                    | 3.00308.801                   | 4 1/2       | 3 1/8         | 2 3/4           |
|            |             |                        | Polyolefin                        | Roller        | 3.00317.809                    | 3.00308.809                   | 4 1/2       | 3 1/8         | 2 3/4           |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00317.901                    | 3.00308.901                   | 4 1/2       | 3 1/8         | 3               |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00317.909                    | 3.00308.909                   | 4 1/2       | 3 1/8         | 3               |
|            |             | 400                    | Phenolic                          | Delrin        | 3.00317.301                    | 3.00308.301                   | 4 1/2       | 3 1/8         | 2 3/4           |
|            |             |                        | Phenolic                          | Ball          | 3.00317.305                    | 3.00308.305                   | 4 1/2       | 3 1/8         | 2 3/4           |
|            |             |                        | Phenolic                          | Roller        | 3.00317.309                    | 3.00308.309                   | 4 1/2       | 3 1/8         | 2 3/4           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00317.101                    | 3.00308.101                   | 4 1/2       | 3 1/8         | 4 1/4           |
|            |             |                        | Cast Iron                         | Roller        | 3.00317.109                    | 3.00308.109                   | 4 1/2       | 3 1/8         | 4 1/4           |
| 4"         | 1 1/2"      | 255                    | Performa Rubber (Conductive Flat) | Roller        | 3.00417.449 COND               | 3.00408.449 COND              | 5 3/8       | 3 5/8         | 3 1/2           |
|            |             |                        | Performa Rubber (Flat/Grey)       | Delrin        | 3.00417.441                    | 3.00408.441                   | 5 3/8       | 3 5/8         | 3 1/2           |
|            |             | 325                    | Performa Rubber (Flat/Grey)       | Roller        | 3.00417.449                    | 3.00408.449                   | 5 3/8       | 3 5/8         | 3 1/2           |
|            |             |                        | Polyolefin                        | Delrin        | 3.00417.801                    | 3.00408.801                   | 5 3/8       | 3 5/8         | 3               |
|            |             | 375                    | Polyolefin                        | Roller        | 3.00417.809                    | 3.00408.809                   | 5 3/8       | 3 5/8         | 3               |
|            |             |                        | Maxim                             | Delrin        | 3.00417.501                    | 3.00408.501                   | 5 3/8       | 3 5/8         | 3 1/4           |
|            |             | 400                    | Maxim                             | Bronze        | 3.00417.504                    | 3.00408.504                   | 5 3/8       | 3 5/8         | 3 1/4           |
|            |             |                        | Maxim                             | Roller        | 3.00417.509                    | 3.00408.501                   | 5 3/8       | 3 5/8         | 3 1/4           |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00417.901                    | 3.00408.901                   | 5 3/8       | 3 5/8         | 3 1/4           |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00417.909                    | 3.00408.909                   | 5 3/8       | 3 5/8         | 3 1/4           |
|            |             |                        | Phenolic                          | Delrin        | 3.00417.301                    | 3.00408.301                   | 5 3/8       | 3 5/8         | 3 1/2           |
|            |             |                        | Phenolic                          | Ball          | 3.00417.305                    | 3.00408.305                   | 5 3/8       | 3 5/8         | 3 1/2           |
|            |             |                        | Phenolic                          | Roller        | 3.00417.309                    | 3.00408.309                   | 5 3/8       | 3 5/8         | 3 1/4           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00417.101                    | 3.00408.101                   | 5 3/8       | 3 5/8         | 4 1/2           |
|            |             |                        | Cast Iron                         | Roller        | 3.00417.109                    | 3.00408.109                   | 5 3/8       | 3 5/8         | 4 1/2           |
| 5"         | 1 1/2"      | 280                    | Performa Rubber (Conductive Flat) | Roller        | 3.00517.449 COND               | 3.00508.449 COND              | 6 3/8       | 4 1/8         | 3 1/2           |
|            |             |                        | Performa Rubber (Flat/Grey)       | Delrin        | 3.00517.441                    | 3.00508.441                   | 6 3/8       | 4 1/8         | 3 1/2           |
|            |             | 350                    | Performa Rubber (Flat/Grey)       | Roller        | 3.00517.449                    | 3.00508.449                   | 6 3/8       | 4 1/8         | 3 1/2           |
|            |             |                        | Polyolefin                        | Delrin        | 3.00517.801                    | 3.00508.801                   | 6 3/8       | 4 1/8         | 2 3/4           |
|            |             | 400                    | Polyolefin                        | Roller        | 3.00517.809                    | 3.00508.809                   | 6 3/8       | 4 1/8         | 2 3/4           |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00517.901                    | 3.00508.901                   | 6 3/8       | 4 1/8         | 3 1/2           |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00517.909                    | 3.00508.909                   | 6 3/8       | 4 1/8         | 3 1/2           |
|            |             |                        | Phenolic                          | Delrin        | 3.00517.301                    | 3.00508.301                   | 6 3/8       | 4 1/8         | 3               |
|            |             |                        | Phenolic                          | Ball          | 3.00517.305                    | 3.00508.305                   | 6 3/8       | 4 1/8         | 3               |
|            |             |                        | Phenolic                          | Roller        | 3.00517.309                    | 3.00508.309                   | 6 3/8       | 4 1/8         | 3 1/4           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00517.101                    | 3.00508.101                   | 6 3/8       | 4 1/8         | 5               |
|            |             |                        | Cast Iron                         | Roller        | 3.00517.109                    | 3.00508.109                   | 6 3/8       | 4 1/8         | 5               |
| 6"         | 1 1/2"      | 300                    | Performa Rubber (Conductive Flat) | Roller        | 3.00617.449 COND               | 3.00608.449 COND              | 7 3/8       | 4 5/8         | 3 3/4           |
|            |             |                        | Performa Rubber (Flat/Grey)       | Delrin        | 3.00617.441                    | 3.00608.441                   | 7 3/8       | 4 5/8         | 3 3/4           |
|            |             | 375                    | Performa Rubber (Flat/Grey)       | Roller        | 3.00617.449                    | 3.00608.449                   | 7 3/8       | 4 5/8         | 3 3/4           |
|            |             |                        | Polyolefin                        | Delrin        | 3.00617.801                    | 3.00608.801                   | 7 3/8       | 4 5/8         | 3               |
|            |             | 400                    | Polyolefin                        | Roller        | 3.00617.809                    | 3.00608.809                   | 7 3/8       | 4 5/8         | 3               |
|            |             |                        | Polyurethane HI-TECH              | Delrin        | 3.00617.901                    | 3.00608.901                   | 7 3/8       | 4 5/8         | 3 3/4           |
|            |             |                        | Polyurethane HI-TECH              | Roller        | 3.00617.909                    | 3.00608.909                   | 7 3/8       | 4 5/8         | 3 3/4           |
|            |             |                        | Phenolic                          | Delrin        | 3.00617.301                    | 3.00608.301                   | 7 3/8       | 4 5/8         | 3 1/2           |
|            |             |                        | Phenolic                          | Ball          | 3.00617.305                    | 3.00608.305                   | 7 3/8       | 4 5/8         | 3 1/2           |
|            |             |                        | Phenolic                          | Roller        | 3.00617.309                    | 3.00608.309                   | 7 3/8       | 4 5/8         | 3 3/4           |
|            |             |                        | Cast Iron                         | Delrin        | 3.00617.101                    | 3.00608.101                   | 7 3/8       | 4 5/8         | 6               |
|            |             |                        | Cast Iron                         | Roller        | 3.00617.109                    | 3.00608.109                   | 7 3/8       | 4 5/8         | 6               |

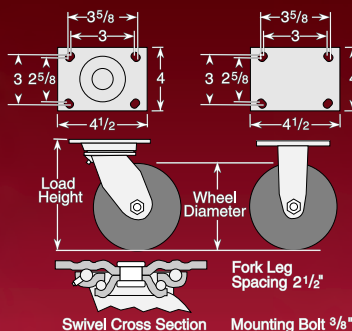
Roller Bearing Options: Metal cage roller bearing (Specify **WB29**).

3 SERIES

# 4 SERIES

Capacity up to 800 lbs each

## Top Plate Swivel & Rigid



### Standard Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Permanent rivet king pin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

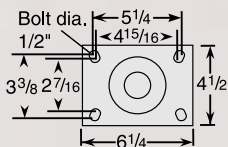
All 4 Series swivel forks are notched to accommodate four position swivel locks.

### Tech Lock® Brake Available!

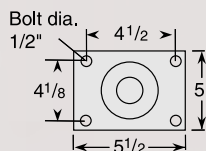


### Optional Top Plates

#2 Top Plate (Specify MTG2).



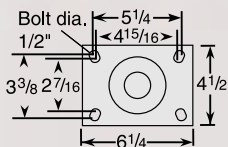
### #4 Top Plate (Specify MTG4).



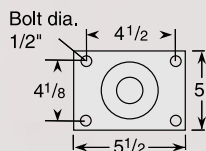
## Performance Options

### Optional Top Plates

#2 Top Plate (Specify MTG2).



### #4 Top Plate (Specify MTG4).



### Caster Brake

**Tech Lock®** (See page 12)  
Available on all swivel casters except 3" diameter and swivel lock models. Rigid 6" model available! (Specify **BRK2**).

**Tread Lock** (See page 12)  
Available on all swivel casters except 3" diameter models (Specify **BRK1**).

**Total Lock** (See page 12)  
Available on 4", 5", 6" & 8" swivel models (Specify **BRK4**).

### Fork/Wheel Options

**New Foot Activated Swivel Lock**  
(See page 13).

**Hand Activated Swivel Lock** (See page 13).

**DirtBan Swivel Seal** (See page 14)  
Not available on swivel lock models (Specify **SEAL**).

**NSF Listed** (See page 1)  
All models except thread guards and cast iron wheels (Specify **FSI**).



**Thread Guards** (See page 14)  
Available on many models (Specify **TG1** for metal **TG2** for plastic).

**Axle/Nut Options:** **AX2** Solid Axle  
**NT1** Thick lock nut

**Lube Options:**

|                 |             |       |             |
|-----------------|-------------|-------|-------------|
| No Grease       | <b>GRF1</b> | Wheel | <b>GRW1</b> |
| Double Grease   | <b>GRF2</b> |       | <b>GRW2</b> |
| 300° Continuous | <b>GRF3</b> |       | <b>GRW3</b> |
| 500° Continuous |             |       |             |

**Consult Factory**

## Wheel Selection



PERFORMA  
FLAT/GREY



PERFORMA  
CONDUCTIVE



POLYOLEFIN



MAXIM



THERMO



POLYURETHANE  
HI-TECH



PHENOLIC



CAST IRON

## 4 SERIES • Top Plate Swivel & Rigid • Capacity up to 800 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1 lb) |
|-----------|-------------|------------------------|-----------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|--------------------------------|
| 3"        | 1 1/2"      | 225                    | Performa Rubber (Conductive Flat) | 4.03109.449 COND                              | 4.03108.449 COND                             | —                                                 | 5 1/8       | 3 1/16        | 3 1/4                          |
|           |             | 250                    | Performa Rubber (Flat Grey)       | 4.03109.449                                   | 4.03108.449                                  | Delrin                                            | 5 1/8       | 3 1/16        | 3 1/4                          |
|           |             | 300                    | Polyolefin                        | 4.03109.819                                   | 4.03108.819                                  | Delrin, Plain                                     | 5 1/8       | 3 1/16        | 3 3/4                          |
|           |             |                        | Polyurethane HI-TECH              | 4.03109.919                                   | 4.03108.919                                  | Delrin                                            | 5 1/8       | 3 1/16        | 3 1/4                          |
|           |             | 425                    | Cast Iron                         | 4.03109.119                                   | 4.03108.119                                  | Delrin                                            | 5 1/8       | 3 1/16        | 5                              |
|           |             | 600                    | Phenolic                          | 4.03109.319                                   | 4.03108.319                                  | Delrin, Ball                                      | 5 1/8       | 3 1/16        | 3 3/4                          |
|           |             |                        | Thermo                            | 4.03109.819 HT                                | 4.03108.819 HT                               | Plain                                             | 5 1/8       | 3 1/16        | 4 3/4                          |
| 4"        | 1 1/2"      | 255                    | Performa Rubber (Conductive Flat) | 4.04109.449 COND                              | 4.04108.449 COND                             | —                                                 | 5 5/8       | 3 9/16        | 3 3/4                          |
|           |             | 325                    | Performa Rubber (Flat Grey)       | 4.04109.449                                   | 4.04108.449                                  | Delrin                                            | 5 5/8       | 3 9/16        | 3 3/4                          |
|           |             | 375                    | Polyolefin                        | 4.04109.819                                   | 4.04108.819                                  | Delrin, Plain                                     | 5 5/8       | 3 9/16        | 4                              |
|           |             | 400                    | Polyurethane HI-TECH              | 4.04109.919                                   | 4.04108.919                                  | Delrin                                            | 5 5/8       | 3 9/16        | 3 1/2                          |
|           |             | 600                    | Cast Iron                         | 4.04109.119                                   | 4.04108.119                                  | Delrin                                            | 5 5/8       | 3 9/16        | 5 1/4                          |
|           |             |                        | Phenolic                          | 4.04109.319                                   | 4.04108.319                                  | Delrin, Ball                                      | 5 5/8       | 3 9/16        | 3 3/4                          |
|           |             |                        | Maxim                             | 4.04109.519                                   | 4.04108.519                                  | Delrin, Bronze                                    | 5 5/8       | 3 9/16        | 3 3/4                          |
|           |             |                        | Thermo                            | 4.04109.819 HT                                | 4.04108.819 HT                               | Plain                                             | 5 5/8       | 3 9/16        | 4 3/4                          |
| 5"        | 1 1/2"      | 280                    | Performa Rubber (Conductive Flat) | 4.05109.449 COND                              | 4.05108.449 COND                             | —                                                 | 6 1/2       | 4 1/4         | 4 1/8                          |
|           |             | 350                    | Performa Rubber (Flat Grey)       | 4.05109.449                                   | 4.05108.449                                  | Delrin                                            | 6 1/2       | 4 1/4         | 4 1/8                          |
|           |             | 450                    | Polyolefin                        | 4.05109.819                                   | 4.05108.819                                  | Delrin, Plain                                     | 6 1/2       | 4 1/4         | 4 1/8                          |
|           |             | 500                    | Polyurethane HI-TECH              | 4.05109.919                                   | 4.05108.919                                  | Delrin                                            | 6 1/2       | 4 1/4         | 4 1/8                          |
|           |             | 600                    | Cast Iron                         | 4.05109.119                                   | 4.05108.119                                  | Delrin                                            | 6 1/2       | 4 1/4         | 5 1/2                          |
|           |             |                        | Phenolic                          | 4.05109.319                                   | 4.05108.319                                  | Delrin, Ball                                      | 6 1/2       | 4 1/4         | 3 3/4                          |
|           |             |                        | Thermo                            | 4.05109.819 HT                                | 4.05108.819 HT                               | Plain                                             | 6 1/2       | 4 1/4         | 4 3/4                          |
| 6"        | 1 1/2"      | 300                    | Performa Rubber (Conductive Flat) | 4.06109.449 COND                              | 4.06108.449 COND                             | —                                                 | 7 1/2       | 5             | 5                              |
|           |             | 375                    | Performa Rubber (Flat Grey)       | 4.06109.449                                   | 4.06108.449                                  | Delrin                                            | 7 1/2       | 5             | 5                              |
|           |             | 500                    | Polyolefin                        | 4.06109.819                                   | 4.06108.819                                  | Delrin, Plain                                     | 7 1/2       | 5             | 4 1/8                          |
|           |             | 600                    | Polyurethane HI-TECH              | 4.06109.919                                   | 4.06108.919                                  | Delrin                                            | 7 1/2       | 5             | 5                              |
|           |             |                        | Cast Iron                         | 4.06109.119                                   | 4.06108.119                                  | Delrin                                            | 7 1/2       | 5             | 6 1/2                          |
|           |             | 800                    | Phenolic                          | 4.06109.319                                   | 4.06108.319                                  | Delrin, Ball                                      | 7 1/2       | 5             | 4 1/4                          |
| 8"        | 1 1/2"      | 350                    | Performa Rubber (Conductive Flat) | 4.08199.449 COND                              | 4.08198.449 COND                             | —                                                 | 9 1/2       | 6 1/2         | 5 3/4                          |
|           |             | 500                    | Performa Rubber (Flat Grey)       | 4.08199.449                                   | 4.08198.449                                  | Delrin                                            | 9 1/2       | 6 1/2         | 5 3/4                          |
|           |             | 600                    | Polyolefin                        | 4.08199.819                                   | 4.08198.819                                  | Delrin, Plain                                     | 9 1/2       | 6 1/2         | 4 1/2                          |
|           |             | 800                    | Polyurethane HI-TECH              | 4.08199.919                                   | 4.08198.919                                  | Delrin                                            | 9 1/2       | 6 1/2         | 5 3/4                          |

**Roller Bearing Options:** Metal cage roller bearing (Specify **WB29**).

**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).

**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 4.06109.911).

**Ball Bearing Options:** To order change ninth digit in model number to "5" (Example: 4.06109.315).

**Bronze Bearing Options:** To order change ninth digit in model number to "4" (Example: 4.06109.534).

**Plain Bearing Options:** To order change ninth digit in model number to "2" (Example: 4.06109.812).

4 SERIES

# 4 SERIES

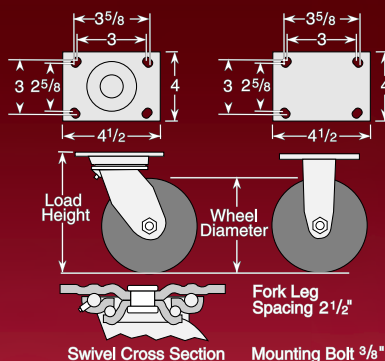
Capacity up to 1250 lbs each

## Top Plate Swivel & Rigid



All 4 Series swivel forks are notched to accommodate four position swivel locks.

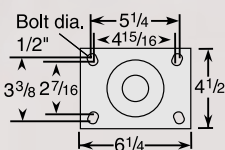
**Tech Lock® Brake Available!**



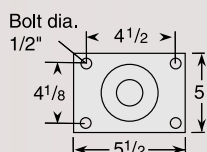
## Performance Options

### Optional Top Plates

#2 Top Plate (Specify MTG2).



#4 Top Plate (Specify MTG4).



### Caster Brake

**Tech Lock®** (See page 12)  
Available on all swivel casters except 3 1/4" diameter, V-Groove and Swivel Lock models. 6" Rigid model available! (Specify **BRK2**).

**Tread Lock** (See page 12)  
Available on all swivel casters except 3 1/4" diameter and V-Groove models (Specify **BRK1**).

**Side Lock** (See page 11)  
Available on swivel roller bearing and one piece Delrin models except 3 1/4" diameter (Specify **BRK3**).

**Total Lock** (See page 12)  
Available on 4", 5", 6" & 8" swivel models except V-Groove (Specify **BRK4**).

### Fork/Wheel Options

**Foot Activated Swivel Lock** (See page 13).

**Hand Activated Swivel Lock** (See page 13).

**DirtBan Swivel Seal** (See page 14)  
Not available on swivel lock models (Specify **SEAL**).

**NSF Listed** (See page 1)  
All models except swivel lock, thread guards, forged steel3 and cast iron core wheels (Specify **FSI**).



**Thread Guards** (See page 14) – Available on many models (Specify **TG1** for metal **TG2** for plastic).

**Load Height Option** – 6" dia. models with 7 1/4" load height. Only Side Lock brakes. (Specify **LH7.25**).

**Axle/Nut Options:** **AX2** Solid Axle  
**NT1** Thick lock nut

**Lube Options:**  
No Grease  
Double Grease  
300° Continuous  
500° Continuous

**Wheel**  
**GRF1**  
**GRF2**  
**GRF3**  
**Wheel**  
**GRW1**  
**GRW2**  
**GRW3**  
**Consult Factory**

## Wheel Selection



PERFORMA FLAT/  
GREY



PERFORMA FLAT/BLACK



PERFORMA  
ROUND



PERFORMA  
CONDUCTIVE FLAT



PERFORMA  
CONDUCTIVE ROUND



MOLDON  
RUBBER



POLYOLEFIN



MAXIM



ENDURA



MOLDON  
NYLON



POLYURETHANE  
HI-TECH



POLYURETHANE  
IRON



POLYURETHANE  
ALUMINUM



ROUND TREAD  
POLYURETHANE



PHENOLIC



THERMO



FORGED STEEL OR  
CAST IRON



V-GROOVE

## Standard Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Permanent rivet king pin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

# 4 SERIES • Top Plate Swivel & Rigid • Capacity up to 1250 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |
|-----------|-------------|------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|-----------------------------------|
| 3 1/4"    | 2"          | 700                    | Phenolic                             | 4.03109.339                                   | 4.03108.339                                  | Delrin                                            | 5 1/4       | 3 3/16        | 4 3/4                             |
|           |             |                        | Maxim                                | 4.03109.539                                   | 4.03108.539                                  | Delrin, Bronze                                    | 5 1/4       | 3 3/16        | 4 3/4                             |
| 4"        | 2"          | 300                    | Performa Rubber (Flat/Conductive)    | 4.04109.459 COND                              | 4.04108.459 COND                             | Ball                                              | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             | 350                    | Performa Rubber (Flat/Black)         | 4.04109.459.2                                 | 4.04108.459.2                                | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.04109.459                                   | 4.04108.459                                  | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             | 400                    | Moldon Rubber (Cast iron core)       | 4.04109.649.7                                 | 4.04108.649.7                                | Delrin                                            | 5 5/8       | 3 9/16        | 7 1/4                             |
|           |             | 500                    | Polyolefin                           | 4.04109.839                                   | 4.04108.839                                  | Delrin, Plain                                     | 5 5/8       | 3 9/16        | 4 1/2                             |
|           |             | 600                    | Polyurethane HI-TECH                 | 4.04109.929                                   | 4.04108.929                                  | Delrin                                            | 5 5/8       | 3 9/16        | 4 3/4                             |
|           |             | 700                    | Moldon Polyurethane (Aluminum core)  | 4.04109.939                                   | 4.04108.939                                  | Delrin                                            | 5 5/8       | 3 9/16        | 5 1/4                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.04109.949.7                                 | 4.04108.949.7                                | Delrin                                            | 5 5/8       | 3 9/16        | 7 1/4                             |
|           |             | 800                    | Maxim                                | 4.04109.539                                   | 4.04108.539                                  | Delrin, Bronze                                    | 5 5/8       | 3 9/16        | 4 1/8                             |
|           |             |                        | Phenolic                             | 4.04109.339                                   | 4.04108.339                                  | Delrin                                            | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             |                        | Thermo                               | 4.04109.839 HT                                | 4.04108.839 HT                               | Plain                                             | 5 5/8       | 3 9/16        | 6 3/4                             |
|           |             |                        | V-Groove                             | 4.04109.739                                   | 4.04108.739                                  | Delrin                                            | 5 5/8       | 3 9/16        | 8 1/8                             |
|           |             | 1000                   | Endura Solid Elastomer               | 4.04109.839 EN                                | 4.04108.839 EN                               | Delrin, Prec. Ball                                | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             |                        | Cast Iron                            | 4.04109.139                                   | 4.04108.139                                  | Delrin                                            | 5 5/8       | 3 9/16        | 7 7/8                             |
| 5"        | 2"          | 325                    | Performa Rubber (Flat/Conductive)    | 4.05109.459 COND                              | 4.05108.459 COND                             | Ball                                              | 6 1/2       | 4 1/4         | 6 1/8                             |
|           |             | 375                    | Performa Rubber (Flat/Black)         | 4.05109.459.2                                 | 4.05108.459.2                                | Delrin, Ball, Prec. Ball                          | 6 1/2       | 4 1/4         | 6 1/8                             |
|           |             | 400                    | Performa Rubber (Flat/Grey)          | 4.05109.459                                   | 4.05108.459                                  | Delrin, Ball, Prec. Ball                          | 6 1/2       | 4 1/4         | 6 1/8                             |
|           |             |                        | Moldon Rubber (Cast iron core)       | 4.05109.649.7                                 | 4.05108.649.7                                | Delrin                                            | 6 1/2       | 4 1/4         | 8 1/8                             |
|           |             | 650                    | Polyolefin                           | 4.05109.839                                   | 4.05108.839                                  | Delrin, Plain                                     | 6 1/2       | 4 1/4         | 4 7/8                             |
|           |             | 750                    | Polyurethane HI-TECH                 | 4.05109.929                                   | 4.05108.929                                  | Delrin                                            | 6 1/2       | 4 1/4         | 4 3/4                             |
|           |             | 1000                   | Maxim                                | 4.05109.539                                   | 4.05108.539                                  | Delrin, Bronze                                    | 6 1/2       | 4 1/4         | 4 1/2                             |
|           |             |                        | Endura Solid Elastomer               | 4.05109.839 EN                                | 4.05108.839 EN                               | Delrin, Prec. Ball                                | 6 1/2       | 4 1/4         | 5 3/4                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.05109.939                                   | 4.05108.939                                  | Delrin                                            | 6 1/2       | 4 1/4         | 6 1/8                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.05109.949.7                                 | 4.05108.949.7                                | Delrin                                            | 6 1/2       | 4 1/4         | 8 1/8                             |
|           |             |                        | Moldon Nylon                         | 4.05109.939.3                                 | 4.05108.939.3                                | Delrin                                            | 6 1/2       | 4 1/4         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.05109.339                                   | 4.05108.339                                  | Delrin                                            | 6 1/2       | 4 1/4         | 5 3/4                             |
|           |             |                        | Thermo                               | 4.05109.839 HT                                | 4.05108.839 HT                               | Plain                                             | 6 1/2       | 4 1/4         | 6 3/4                             |
|           |             |                        | Cast Iron                            | 4.05109.139                                   | 4.05108.139                                  | Delrin                                            | 6 1/2       | 4 1/4         | 8 7/8                             |
|           |             | 1250                   | Forged Steel                         | 4.05109.239                                   | 4.05108.239                                  | Delrin                                            | 6 1/2       | 4 1/4         | 9 1/4                             |
| 6"        | 2"          | 410                    | Performa Rubber (Flat/Conductive)    | 4.06109.459 COND                              | 4.06108.459 COND                             | Ball                                              | 7 1/2       | 5             | 6 1/8                             |
|           |             |                        | Performa Rubber (Round/Conductive)   | 4.06109.559 COND                              | 4.06108.559 COND                             | Ball                                              | 7 1/2       | 5             | 6 1/8                             |
|           |             | 450                    | Performa Rubber (Round/Grey)         | 4.06109.559                                   | 4.06108.559                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 5             | 6 1/8                             |
|           |             |                        | Moldon Rubber (Cast iron core)       | 4.06109.649.7                                 | 4.06108.649.7                                | Delrin                                            | 7 1/2       | 5             | 10 1/2                            |
|           |             | 600                    | Performa Rubber (Flat/Black)         | 4.06109.459.2                                 | 4.06108.459.2                                | Delrin, Ball, Prec. Ball                          | 7 1/2       | 5             | 6 1/8                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.06109.459                                   | 4.06108.459                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 5             | 6 1/8                             |
|           |             | 700                    | Polyolefin                           | 4.06109.839                                   | 4.06108.839                                  | Delrin, Plain                                     | 7 1/2       | 5             | 5 1/2                             |
|           |             | 900                    | Polyurethane HI-TECH                 | 4.06109.929                                   | 4.06108.929                                  | Delrin                                            | 7 1/2       | 5             | 5                                 |
|           |             | 1100                   | Endura Solid Elastomer               | 4.06109.839 EN                                | 4.06108.839 EN                               | Delrin, Prec. Ball                                | 7 1/2       | 5             | 7                                 |
|           |             | 1200                   | Maxim                                | 4.06109.539                                   | 4.06108.539                                  | Delrin, Bronze                                    | 7 1/2       | 5             | 4 3/4                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.06109.939                                   | 4.06108.939                                  | Delrin                                            | 7 1/2       | 5             | 7 1/2                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.06109.949.7                                 | 4.06108.949.7                                | Delrin                                            | 7 1/2       | 5             | 10 1/2                            |
|           |             |                        | Moldon Nylon                         | 4.06109.939.3                                 | 4.06108.939.3                                | Delrin                                            | 7 1/2       | 5             | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.06109.339                                   | 4.06108.339                                  | Delrin                                            | 7 1/2       | 5             | 7                                 |
|           |             |                        | V-Groove                             | 4.06109.739                                   | 4.06108.739                                  | Delrin                                            | 7 1/2       | 5             | 10 1/2                            |
|           |             | 1250                   | Cast Iron                            | 4.06109.139                                   | 4.06108.139                                  | Delrin                                            | 7 1/2       | 5             | 9 3/4                             |
|           |             |                        | Forged Steel                         | 4.06109.239                                   | 4.06108.239                                  | Delrin                                            | 7 1/2       | 5             | 10 1/4                            |
| 8"        | 2"          | 500                    | Performa Rubber (Flat/Conductive)    | 4.08199.459 COND                              | 4.08198.459 COND                             | Ball                                              | 9 1/2       | 6 1/2         | 6 1/4                             |
|           |             |                        | Performa Rubber (Round/Conductive)   | 4.08199.559 COND                              | 4.08198.559 COND                             | Ball                                              | 9 1/2       | 6 1/2         | 6 1/4                             |
|           |             |                        | Moldon Rubber (Cast iron core)       | 4.08199.649.7                                 | 4.08198.649.7                                | Delrin                                            | 9 1/2       | 6 1/2         | 13 1/4                            |
|           |             | 600                    | Performa Rubber (Round/Grey)         | 4.08199.559                                   | 4.08198.559                                  | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/2         | 6 1/4                             |
|           |             |                        | Performa Rubber (Flat/Black)         | 4.08199.459.2                                 | 4.08198.459.2                                | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/2         | 6 1/4                             |
|           |             | 675                    | Performa Rubber (Flat/Grey)          | 4.08199.459                                   | 4.08198.459                                  | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/2         | 6 1/4                             |
|           |             |                        | Polyolefin                           | 4.08199.839                                   | 4.08198.839                                  | Delrin, Plain                                     | 9 1/2       | 6 1/2         | 5 3/4                             |
|           |             | 1000                   | Polyurethane HI-TECH                 | 4.08199.929                                   | 4.08198.929                                  | Delrin                                            | 9 1/2       | 6 1/2         | 5 3/4                             |
|           |             | 1200                   | Endura Solid Elastomer               | 4.08199.839 EN                                | 4.08198.839 EN                               | Delrin, Prec. Ball                                | 9 1/2       | 6 1/2         | 5 3/4                             |
|           |             | 1250                   | Maxim                                | 4.08199.539                                   | 4.08198.539                                  | Delrin, Bronze                                    | 9 1/2       | 6 1/2         | 5 1/2                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.08199.939                                   | 4.08198.939                                  | Delrin                                            | 9 1/2       | 6 1/2         | 8 1/4                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.08199.949.7                                 | 4.08198.949.7                                | Delrin                                            | 9 1/2       | 6 1/2         | 13 1/4                            |
|           |             |                        | Moldon Nylon                         | 4.08199.939.3                                 | 4.08198.939.3                                | Delrin                                            | 9 1/2       | 6 1/2         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.08199.339                                   | 4.08198.339                                  | Delrin                                            | 9 1/2       | 6 1/2         | 8 1/2                             |
|           |             |                        | Cast Iron                            | 4.08199.139                                   | 4.08198.139                                  | Delrin                                            | 9 1/2       | 6 1/2         | 12 1/2                            |

**Roller Bearing Options:** Torrington style roller bearing with retainer (Specify **WB19**). Metal cage roller bearing (Specify **WB29**).

**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).

**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 4.06109.921). One-piece with steel thrust washers (Specify **WB11**).

**Ball Bearing Options:** To order change 8th & 9th digit in model number to "65" (Example: 4.06109.465). **Note:** Performa 6" to 8" capacity decreases (See wheel section).

**Precision Ball Bearings:** To order change 8th and 9th digits to "35" (Example 4.06109.435). Performa round tread, change wheel code to "555".

**Bronze Bearing Options:** To order change 9th digit in model number to "4" (Example: 4.06109.534).

**Plain Bearing Options:** To order change 9th digit to "2" (Example: 4.06109.832).

# 4 SERIES

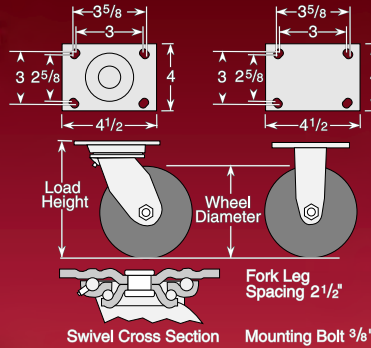
Capacity up to 1250 lbs each

STAINLESS  
STEEL

## Standard Features

- Polished stainless steel (Grade 304)
- 1/2" stainless steel hollow axle with grease zerk, nut and lock washer
- 1/4" steel top plate for durability
- Permanent rivet king pin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures
- NSF Listed

## Stainless Steel Top Plate Swivel & Rigid



All 4 Series swivel forks are notched to accommodate four position swivel locks.

## Performance Options

### Caster Brake

**Tech Lock®** (See page 12). Available on all swivel and 6" rigid casters (Specify **BRK2**).

**Side Lock** New stainless steel design available on all swivel casters with Delrin bearing. Field installable (Specify **BRK3** with one-piece Delrin bearing).

### Fork/Wheel Options

**New Foot Activated Swivel Lock** (See page 13).

**DirtBan Swivel Seal** (See page 14).

**Thread Guards** (See page 14) – Available on many models (Specify **TG2** for plastic).

## Wheel Selection



PERFORMA  
FLAT/GREY



PERFORMA  
FLAT/BLACK



PERFORMA  
ROUND/GREY



POLYOLEFIN



MAXIM



ENDURA



POLYURETHANE  
HI-TECH



PHENOLIC



THERMO



PERFORMA  
CONDUCTIVE FLAT



PERFORMA  
CONDUCTIVE ROUND

# 4 SERIES • Stainless Steel Top Plate Swivel & Rigid • Capacity up to 1250 lbs

| Wheel Dia.             | Tread Width            | Capacity Each (Pounds) | Wheel Descriptions                | Swivel Top Plate<br>SS Roller Bearing<br>Caster Models | Rigid Top Plate<br>SS Roller Bearing<br>Caster Models | Wheel Bearing                  | Load Height                   | Swivel Radius                  | Weight (Pounds)               |
|------------------------|------------------------|------------------------|-----------------------------------|--------------------------------------------------------|-------------------------------------------------------|--------------------------------|-------------------------------|--------------------------------|-------------------------------|
| 4"                     | 2"                     | 300                    | Performa Rubber (Flat/Conductive) | 4.04109.459 CONDSS                                     | 4.04108.459 CONDSS                                    | —                              | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>4</sub> |
|                        |                        | 350                    | Performa Rubber (Flat Black)      | 4.04109.459.2 SS                                       | 4.04108.459.2 SS                                      | Delrin, Bronze                 | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>4</sub> |
|                        |                        |                        | Performa Rubber (Flat Grey)       | 4.04109.459 SS                                         | 4.04108.459 SS                                        | Delrin, Bronze                 | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>4</sub> |
|                        |                        | 500                    | Polyolefin                        | 4.04109.839 SS                                         | 4.04108.839 SS                                        | Delrin, Bronze, Plain          | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 4 <sup>1</sup> / <sub>2</sub> |
|                        |                        | 600                    | Polyurethane HI-TECH              | 4.04109.929 SS                                         | 4.04108.929 SS                                        | Delrin, Bronze                 | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 4 <sup>3</sup> / <sub>4</sub> |
|                        |                        | 800                    | Maxim                             | 4.04109.539 SS                                         | 4.04108.539 SS                                        | Delrin, Bronze                 | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>4</sub> |
|                        |                        |                        | Phenolic                          | 4.04109.339 SS                                         | 4.04108.339 SS                                        | Delrin, Bronze                 | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>4</sub> |
|                        |                        |                        | Thermo                            | 4.04109.839 HT SS                                      | 4.04108.839 HT SS                                     | Plain, Bronze                  | 5 <sup>5</sup> / <sub>8</sub> | 3 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>4</sub> |
| 1000                   | Endura Solid Elastomer | 4.04109.839.EN SS      | 4.04108.839.EN SS                 | Delrin, Bronze                                         | 5 <sup>5</sup> / <sub>8</sub>                         | 3 <sup>9</sup> / <sub>16</sub> | 5 <sup>3</sup> / <sub>4</sub> |                                |                               |
| 5"                     | 2"                     | 325                    | Performa Rubber (Flat/Conductive) | 4.05109.459 CONDSS                                     | 4.05108.459 CONDSS                                    | —                              | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>8</sub> |
|                        |                        | 375                    | Performa Rubber (Flat Black)      | 4.05109.459.2 SS                                       | 4.05108.459.2 SS                                      | Delrin, Bronze                 | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>8</sub> |
|                        |                        |                        | Performa Rubber (Flat Grey)       | 4.05109.459 SS                                         | 4.05108.459 SS                                        | Delrin, Bronze                 | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 6 <sup>1</sup> / <sub>8</sub> |
|                        |                        | 650                    | Polyolefin                        | 4.05109.839 SS                                         | 4.05108.839 SS                                        | Delrin, Bronze, Plain          | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 47/8                          |
|                        |                        | 750                    | Polyurethane HI-TECH              | 4.05109.929 SS                                         | 4.05108.929 SS                                        | Delrin, Bronze                 | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 47/8                          |
|                        |                        | 1000                   | Maxim                             | 4.05109.539 SS                                         | 4.05108.539 SS                                        | Delrin, Bronze                 | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 57/8                          |
|                        |                        |                        | Thermo                            | 4.05109.339 SS                                         | 4.05108.339 SS                                        | Delrin, Bronze                 | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 57/8                          |
|                        |                        |                        | Phenolic                          | 4.05109.839 HT SS                                      | 4.05108.839 HT SS                                     | Plain, Bronze                  | 6 <sup>1</sup> / <sub>2</sub> | 4 <sup>1</sup> / <sub>4</sub>  | 57/8                          |
| Endura Solid Elastomer | 4.05109.839.EN SS      |                        | 4.05108.839.EN SS                 | Delrin, Bronze                                         | 6 <sup>1</sup> / <sub>2</sub>                         | 4 <sup>1</sup> / <sub>4</sub>  | 57/8                          |                                |                               |
| 6"                     | 2"                     | 410                    | Performa Rubber (Flat/Conductive) | 4.06109.459.2 CONDSS                                   | 4.06108.459.2 CONDSS                                  | —                              | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 6 <sup>1</sup> / <sub>8</sub> |
|                        |                        | 450                    | Performa Rubber (Round Grey)      | 4.06109.559 SS                                         | 4.06108.559 SS                                        | Delrin, Bronze                 | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 7 <sup>1</sup> / <sub>8</sub> |
|                        |                        | 600                    | Performa Rubber (Flat Black)      | 4.06109.459.2 SS                                       | 4.06108.459.2 SS                                      | Delrin, Bronze                 | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 7 <sup>1</sup> / <sub>8</sub> |
|                        |                        |                        | Performa Rubber (Flat Grey)       | 4.06109.459 SS                                         | 4.06108.459 SS                                        | Delrin, Bronze                 | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 7 <sup>1</sup> / <sub>8</sub> |
|                        |                        | 700                    | Polyolefin                        | 4.06109.839 SS                                         | 4.06108.839 SS                                        | Delrin, Bronze, Plain          | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 5 <sup>1</sup> / <sub>2</sub> |
|                        |                        | 900                    | Polyurethane HI-TECH              | 4.06109.929 SS                                         | 4.06108.929 SS                                        | Delrin, Bronze                 | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 5                             |
|                        |                        | 1100                   | Endura Solid Elastomer            | 4.06109.839.EN SS                                      | 4.06108.839.EN SS                                     | Delrin, Bronze                 | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 6                             |
|                        |                        |                        | Thermo                            | 4.06109.839 HT SS                                      | 4.06108.839 HT SS                                     | Plain, Bronze                  | 7 <sup>1</sup> / <sub>2</sub> | 5                              | 6                             |
| 1200                   | Maxim                  | 4.06109.539 SS         | 4.06108.539 SS                    | Delrin, Bronze                                         | 7 <sup>1</sup> / <sub>2</sub>                         | 5                              | 6                             |                                |                               |
|                        | Phenolic               | 4.06109.339 SS         | 4.06108.339 SS                    | Delrin, Bronze                                         | 7 <sup>1</sup> / <sub>2</sub>                         | 5                              | 6                             |                                |                               |
| 8"                     | 2"                     | 500                    | Performa Rubber (Flat/Conductive) | 4.08199.459 CONDSS                                     | 4.08198.459 CONDSS                                    | —                              | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 6 <sup>1</sup> / <sub>4</sub> |
|                        |                        | 600                    | Performa Rubber (Round Grey)      | 4.08199.559 SS                                         | 4.08198.559 SS                                        | Delrin, Bronze                 | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 8 <sup>1</sup> / <sub>8</sub> |
|                        |                        | 675                    | Performa Rubber (Flat Black)      | 4.08199.459.2 SS                                       | 4.08198.459.2 SS                                      | Delrin, Bronze                 | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 8 <sup>1</sup> / <sub>8</sub> |
|                        |                        |                        | Performa Rubber (Flat Grey)       | 4.08199.459 SS                                         | 4.08198.459 SS                                        | Delrin, Bronze                 | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 81/8                          |
|                        |                        | 900                    | Polyolefin                        | 4.08199.839 SS                                         | 4.08198.839 SS                                        | Delrin, Bronze, Plain          | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 5 <sup>3</sup> / <sub>4</sub> |
|                        |                        | 1000                   | Polyurethane HI-TECH              | 4.08199.929 SS                                         | 4.08198.929 SS                                        | Delrin, Bronze                 | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 5 <sup>3</sup> / <sub>4</sub> |
|                        |                        | 1200                   | Endura Solid Elastomer            | 4.08199.839.EN SS                                      | 4.08198.839.EN SS                                     | Delrin, Bronze                 | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> |
|                        |                        | 1250                   | Maxim                             | 4.08199.539 SS                                         | 4.08198.539 SS                                        | Delrin, Bronze                 | 9 <sup>1</sup> / <sub>2</sub> | 6 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> |
| Thermo                 | 4.08199.339 SS         |                        | 4.08198.339 SS                    | Delrin, Bronze                                         | 9 <sup>1</sup> / <sub>2</sub>                         | 6 <sup>1</sup> / <sub>2</sub>  | 6 <sup>3</sup> / <sub>4</sub> |                                |                               |

**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 4.06109.921SS). One piece with stainless steel thrust washer, specify WB11.

**Bronze Bearing Options:** To order, change the 9th digit in model number to "4" (Example: 4.06109.534)

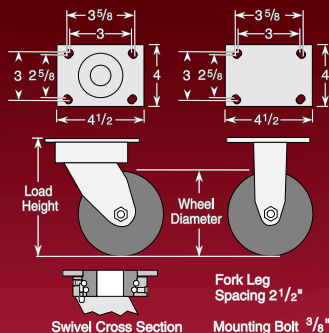
**Plain Bearing Option:** To order, change the 9th digit in model number to "2" (Example: 4.06109.832)

4 SERIES

# 4 SERIES IMPAK<sup>®</sup>

Capacity up to 1400 lbs each

## Kingpinless Top Plate Swivel & Rigid



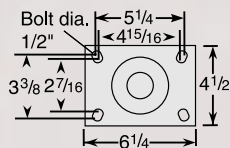
### Standard Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- Formed fork legs feature robotic welding
- 1/2" hollow axle with grease zerker and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 5/16" swivel steel top plate for durability, rigid top plate 1/4" steel
- 3/16" fork leg thickness
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

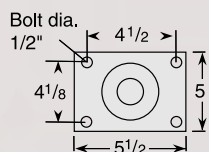
## Performance Options

### Optional Top Plates

#2 Top Plate (Specify MTG2).



#4 Top Plate (Specify MTG4).



### Caster Brake

**Tread Lock** (See page 12)  
Available on all swivel casters except V-Groove models (Specify BRK1).

**Side Lock** (See page 11)  
Available on swivel roller bearing models (Specify BRK3).

**Tech Lock** (See page 12)  
Available on 6" rigid models only except V-Groove models (Specify BRK2).

### Fork/Wheel Options

**Foot Activated Swivel Lock** (See page 13).  
**Hand Activated Swivel Lock** (See page 13).

**Thread Guards** (See page 14)  
Available on many models (Specify TG1 for metal TG2 for plastic).

**Axle/Nut Options:** AX2 Solid Axle

NT1 Thick lock nut

Wheel

GRW1

GRW2

Consult Factory

Consult Factory

**Lube Options:** Fork

No Grease GRF1

Double Grease GRF2

300° Continuous

500° Continuous

## Wheel Selection



# 4 SERIES • IMPAK Kingpinless Top Plate Swivel & Rigid • Capacity up to 1400 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |
|-----------|-------------|------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|-----------------------------------|
| 4"        | 2"          | 300                    | Performa Rubber (Conductive/Flat)    | 4.04179.459 COND                              | 4.04108.459 COND                             | Ball                                              | 5 5/8       | 3 1/4         | 5 3/4                             |
|           |             | 350                    | Performa Rubber (Flat/Black)         | 4.04179.459.2                                 | 4.04108.459.2                                | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 1/4         | 5 3/4                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.04179.459                                   | 4.04108.459                                  | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 1/4         | 5 3/4                             |
|           |             | 400                    | Moldon Rubber (Cast iron core)       | 4.04179.649.7                                 | 4.04108.649.7                                | Delrin                                            | 5 5/8       | 3 1/4         | 6                                 |
|           |             | 500                    | Polyolefin                           | 4.04179.839                                   | 4.04108.839                                  | Delrin, Plain                                     | 5 5/8       | 3 1/4         | 4 1/2                             |
|           |             | 600                    | Polyurethane HI-TECH                 | 4.04179.929                                   | 4.04108.929                                  | Delrin                                            | 5 5/8       | 3 1/4         | 4 3/4                             |
|           |             | 700                    | Moldon Polyurethane (Aluminum core)  | 4.04179.939                                   | 4.04108.939                                  | Delrin                                            | 5 5/8       | 3 1/4         | 5 1/4                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.04179.949.7                                 | 4.04108.949.7                                | Delrin                                            | 5 5/8       | 3 1/4         | 6                                 |
|           |             | 800                    | Maxim                                | 4.04179.539                                   | 4.04108.539                                  | Delrin, Bronze                                    | 5 5/8       | 3 1/4         | 5 1/8                             |
|           |             |                        | Phenolic                             | 4.04179.339                                   | 4.04108.339                                  | Delrin                                            | 5 5/8       | 3 1/4         | 5 3/4                             |
|           |             |                        | Thermo                               | 4.04179.839 HT                                | 4.04108.839 HT                               | Plain                                             | 5 5/8       | 3 1/4         | 6 3/4                             |
|           |             |                        | V-Groove                             | 4.04179.739                                   | 4.04108.739                                  | Delrin                                            | 5 5/8       | 3 1/4         | 8 1/8                             |
|           |             | 1000                   | Endura Solid Elastomer               | 4.04179.839 EN                                | 4.04108.839 EN                               | Delrin, Prec. Ball                                | 5 5/8       | 3 1/4         | 5 3/4                             |
|           |             |                        | Cast Iron                            | 4.04179.139                                   | 4.04108.139                                  | Delrin                                            | 5 5/8       | 3 1/4         | 7 7/8                             |
| 5"        | 2"          | 325                    | Performa Rubber (Conductive/Flat)    | 4.05179.459 COND                              | 4.05108.459 COND                             | Ball                                              | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             | 375                    | Performa Rubber (Flat/Black)         | 4.05179.459.2                                 | 4.05108.459.2                                | Delrin, Ball, Prec. Ball                          | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.05179.459                                   | 4.05108.459                                  | Delrin, Ball, Prec. Ball                          | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             | 400                    | Moldon Rubber (Cast iron core)       | 4.05179.649.7                                 | 4.05108.649.7                                | Delrin                                            | 6 1/2       | 3 7/8         | 7                                 |
|           |             | 650                    | Polyolefin                           | 4.05179.839                                   | 4.05108.839                                  | Delrin, Plain                                     | 6 1/2       | 3 7/8         | 4 7/8                             |
|           |             | 750                    | Polyurethane HI-TECH                 | 4.05179.929                                   | 4.05108.929                                  | Delrin                                            | 6 1/2       | 3 7/8         | 4 3/4                             |
|           |             | 1000                   | Maxim                                | 4.05179.539                                   | 4.05108.539                                  | Delrin, Bronze                                    | 6 1/2       | 3 7/8         | 5 1/2                             |
|           |             |                        | Endura Solid Elastomer               | 4.05179.839 EN                                | 4.05108.839 EN                               | Delrin, Prec. Ball                                | 6 1/2       | 3 7/8         | 5 3/4                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.05179.939                                   | 4.05108.939                                  | Delrin                                            | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.05179.949.7                                 | 4.05108.949.7                                | Delrin                                            | 6 1/2       | 3 7/8         | 7                                 |
|           |             |                        | Moldon Nylon                         | 4.05179.939.3                                 | 4.05108.939.3                                | Delrin                                            | 6 1/2       | 3 7/8         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.05179.339                                   | 4.05108.339                                  | Delrin                                            | 6 1/2       | 3 7/8         | 5 3/4                             |
|           |             |                        | Thermo                               | 4.05179.839 HT                                | 4.05108.839 HT                               | Plain                                             | 6 1/2       | 3 7/8         | 6 3/4                             |
|           |             |                        | Cast Iron                            | 4.05179.139                                   | 4.05108.139                                  | Delrin                                            | 6 1/2       | 3 7/8         | 8 7/8                             |
|           |             |                        | Forged Steel                         | 4.05179.239                                   | 4.05108.239                                  | Delrin                                            | 6 1/2       | 3 7/8         | 9 1/4                             |
|           |             | 1400                   | Forged Steel                         | 4.05179.239                                   | 4.05108.239                                  | Delrin                                            | 6 1/2       | 3 7/8         | 9 1/4                             |
| 6"        | 2"          | 410                    | Performa Rubber (Conductive/Flat)    | 4.06179.459 COND                              | 4.06108.459 COND                             | Ball                                              | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             |                        | Performa Rubber (Conductive/Round)   | 4.06179.559 COND                              | 4.06108.559 COND                             | Ball                                              | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             | 450                    | Performa Rubber (Round/Grey)         | 4.06179.559                                   | 4.06108.559                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             |                        | Moldon Rubber (Cast iron core)       | 4.06179.649.7                                 | 4.06108.649.7                                | Delrin                                            | 7 1/2       | 4 5/8         | 9                                 |
|           |             | 600                    | Performa Rubber (Flat/Black)         | 4.06179.459.2                                 | 4.06108.459.2                                | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.06179.459                                   | 4.06108.459                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             | 700                    | Polyolefin                           | 4.06179.839                                   | 4.06108.839                                  | Delrin, Plain                                     | 7 1/2       | 4 5/8         | 5 1/2                             |
|           |             | 900                    | Polyurethane HI-TECH                 | 4.06179.929                                   | 4.06108.929                                  | Delrin                                            | 7 1/2       | 4 5/8         | 5                                 |
|           |             | 1100                   | Endura Solid Elastomer               | 4.06179.839 EN                                | 4.06108.839 EN                               | Delrin, Prec. Ball                                | 7 1/2       | 4 5/8         | 7                                 |
|           |             |                        | Maxim                                | 4.06179.539                                   | 4.06108.539                                  | Delrin, Bronze                                    | 7 1/2       | 4 5/8         | 5 3/4                             |
|           |             | 1200                   | Moldon Polyurethane (Aluminum core)  | 4.06179.939                                   | 4.06108.939                                  | Delrin                                            | 7 1/2       | 4 5/8         | 7 1/2                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.06179.949.7                                 | 4.06108.949.7                                | Delrin                                            | 7 1/2       | 4 5/8         | 9                                 |
|           |             |                        | Moldon Nylon                         | 4.06179.939.3                                 | 4.06108.939.3                                | Delrin                                            | 7 1/2       | 4 5/8         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.06179.339                                   | 4.06108.339                                  | Delrin                                            | 7 1/2       | 4 5/8         | 7                                 |
|           |             |                        | V-Groove                             | 4.06179.739                                   | 4.06108.739                                  | Delrin                                            | 7 1/2       | 4 5/8         | 10 1/2                            |
|           |             | 1400                   | Cast Iron                            | 4.06179.139                                   | 4.06108.139                                  | Delrin                                            | 7 1/2       | 4 5/8         | 9 3/4                             |
|           |             |                        | Forged Steel                         | 4.06179.239                                   | 4.06108.239                                  | Delrin                                            | 7 1/2       | 4 5/8         | 10 1/4                            |
| 8"        | 2"          | 500                    | Performa Rubber (Conductive/Flat)    | 4.08179.459 COND                              | 4.08198.459 COND                             | Ball                                              | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Performa Rubber (Conductive/Round)   | 4.08179.559 COND                              | 4.08198.559 COND                             | Ball                                              | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Moldon Rubber (Cast iron core)       | 4.08179.649.7                                 | 4.08198.649.7                                | Delrin                                            | 9 1/2       | 6 1/8         | 11                                |
|           |             | 600                    | Performa Rubber (Round/Grey)         | 4.08179.559                                   | 4.08198.559                                  | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Performa Rubber (Flat/Black)         | 4.08179.459.2                                 | 4.08198.459.2                                | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             | 675                    | Performa Rubber (Flat/Grey)          | 4.08179.459                                   | 4.08198.459                                  | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Polyolefin                           | 4.08179.839                                   | 4.08198.839                                  | Delrin, Plain                                     | 9 1/2       | 6 1/8         | 5 3/4                             |
|           |             | 900                    | Polyurethane HI-TECH                 | 4.08179.929                                   | 4.08198.929                                  | Delrin                                            | 9 1/2       | 6 1/8         | 5 3/4                             |
|           |             | 1200                   | Endura Solid Elastomer               | 4.08179.839 EN                                | 4.08198.839 EN                               | Delrin, Prec. Ball                                | 9 1/2       | 6 1/8         | 8 1/2                             |
|           |             | 1400                   | Maxim                                | 4.08179.539                                   | 4.08198.539                                  | Delrin, Bronze                                    | 9 1/2       | 6 1/8         | 6 1/2                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.08179.939                                   | 4.08198.939                                  | Delrin                                            | 9 1/2       | 6 1/8         | 8 1/4                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.08179.949.7                                 | 4.08198.949.7                                | Delrin                                            | 9 1/2       | 6 1/8         | 11                                |
|           |             |                        | Moldon Nylon                         | 4.08179.939.3                                 | 4.08198.939.3                                | Delrin                                            | 9 1/2       | 6 1/8         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.08179.339                                   | 4.08198.339                                  | Delrin                                            | 9 1/2       | 6 1/8         | 8 1/2                             |
|           |             |                        | Cast Iron                            | 4.08179.139                                   | 4.08198.139                                  | Delrin                                            | 9 1/2       | 6 1/8         | 12 1/2                            |

**Roller Bearing Options:** Torrington style roller bearing with retainer (Specify **WB19**). Metal cage roller bearing (Specify **WB29**).

**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).

**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 4.06179.921). One-piece with steel thrust washers (Specify **WB11**).

**Ball Bearing Options:** To order change 8th & 9th digit in model number to "65" (Example: 4.06179.465). **Note:** Performa 6" to 8" capacity decreases (See wheel section).

**Precision Ball Bearings:** To order change 8th and 9th digits to "35" (Example 4.06179.435). Performa round tread, change wheel code to "555".

**Bronze Bearing Options:** To order change 9th digit in Maxim model number to "4" (Example: 4.06179.534).

**Plain Bearing Options:** To order change 9th digit to "2" (Example: 4.06179.832).

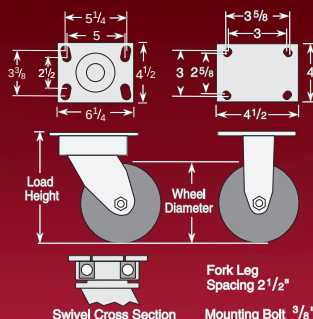
# 4 SERIES *enForcer*

Capacity up to 1400 lbs each

## Standard Features

- Attractive zinc plated finish
- Single ball hardened raceway
- Formed fork legs feature robotic welding
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 5/16" swivel steel top plate for durability
- Fork legs 1/4" thick x 2" wide
- Grease fittings: wheel bearing and swivel raceway
- Multi-temp grease lubricates in extreme hot and cold temperatures

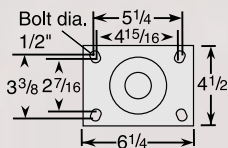
## Top Plate Swivel & Rigid



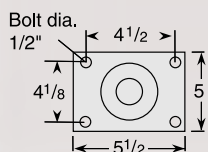
## Performance Options

### Optional Top Plates

#2 Top Plate (Specify MTG2).



#4 Top Plate (Specify MTG4).



### Caster Brake

**Tread Lock** (See page 12)  
Available on all swivel casters except V-Groove models (Specify BRK1).

### Fork/Wheel Options

**Hand Activated Swivel Lock** (See page 13).

**Thread Guards** (See page 14)  
Available on many models (Specify TG1 for metal TG2 for plastic).

**Axle/Nut Options:** AX2 Solid Axle

NT1 Thick lock nut **Lube Options:** Fork

**Extended Lead** – Available on 8" models with 10 1/8" load height (Specify EL). For 9 1/2" load height, consult factory.

**NEW!**

**3 1/2" Extended Lead Fork**



Specially designed for towing applications.

## Wheel Selection



# 4 SERIES • Enforcer Top Plate Swivel & Rigid • Capacity up to 1400 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |
|-----------|-------------|------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|-----------------------------------|
| 4"        | 2"          | 300                    | Performa Rubber (Conductive/Flat)    | 4.04189.459 COND                              | 4.04108.459 COND                             | Ball                                              | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             | 350                    | Performa Rubber (Flat/Black)         | 4.04189.459.2                                 | 4.04108.459.2                                | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.04189.459                                   | 4.04108.459                                  | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             | 400                    | Moldon Rubber (Cast iron core)       | 4.04189.649.7                                 | 4.04108.649.7                                | Delrin                                            | 5 5/8       | 3 9/16        | 6                                 |
|           |             | 500                    | Polyolefin                           | 4.04189.839                                   | 4.04108.839                                  | Delrin, Plain                                     | 5 5/8       | 3 9/16        | 4 1/2                             |
|           |             | 600                    | Polyurethane HI-TECH                 | 4.04189.929                                   | 4.04108.929                                  | Delrin                                            | 5 5/8       | 3 9/16        | 4 3/4                             |
|           |             | 700                    | Moldon Polyurethane (Aluminum core)  | 4.04189.939                                   | 4.04108.939                                  | Delrin                                            | 5 5/8       | 3 9/16        | 5 1/4                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.04189.949.7                                 | 4.04108.949.7                                | Delrin                                            | 5 5/8       | 3 9/16        | 6                                 |
|           |             | 800                    | Maxim                                | 4.04189.539                                   | 4.04108.539                                  | Delrin, Bronze                                    | 5 5/8       | 3 9/16        | 5 1/8                             |
|           |             |                        | Phenolic                             | 4.04189.339                                   | 4.04108.339                                  | Delrin                                            | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             |                        | Thermo                               | 4.04189.839 HT                                | 4.04108.839 HT                               | Plain, Bronze                                     | 5 5/8       | 3 9/16        | 6 3/4                             |
|           |             |                        | V-Groove                             | 4.04189.739                                   | 4.04108.739                                  | Delrin                                            | 5 5/8       | 3 9/16        | 8 1/8                             |
|           |             | 1000                   | Endura Solid Elastomer               | 4.04189.839 EN                                | 4.04108.839. EN                              | Delrin, Prec. Ball                                | 5 5/8       | 3 9/16        | 5 3/4                             |
|           |             |                        | Cast Iron                            | 4.04189.139                                   | 4.04108.139                                  | Delrin                                            | 5 5/8       | 3 9/16        | 7 7/8                             |
| 5"        | 2"          | 325                    | Performa Rubber (Conductive/Flat)    | 4.05189.459 COND                              | 4.05108.459 COND                             | Ball                                              | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             | 375                    | Performa Rubber (Flat/Black)         | 4.05189.459.2                                 | 4.05108.459.2                                | Delrin, Ball, Prec. Ball                          | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.05189.459                                   | 4.05108.459                                  | Delrin, Ball, Prec. Ball                          | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             | 400                    | Moldon Rubber (Cast iron core)       | 4.05189.649.7                                 | 4.05108.649.7                                | Delrin                                            | 6 1/2       | 3 7/8         | 7                                 |
|           |             | 650                    | Polyolefin                           | 4.05189.839                                   | 4.05108.839                                  | Delrin, Plain                                     | 6 1/2       | 3 7/8         | 4 7/8                             |
|           |             | 750                    | Polyurethane HI-TECH                 | 4.05189.929                                   | 4.05108.929                                  | Delrin                                            | 6 1/2       | 3 7/8         | 4 3/4                             |
|           |             | 1000                   | Maxim                                | 4.05189.539                                   | 4.05108.539                                  | Delrin, Bronze                                    | 6 1/2       | 3 7/8         | 5 1/2                             |
|           |             |                        | Endura Solid Elastomer               | 4.05189.839 EN                                | 4.05108.839. EN                              | Delrin, Prec. Ball                                | 6 1/2       | 3 7/8         | 5 3/4                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.05189.939                                   | 4.05108.939                                  | Delrin                                            | 6 1/2       | 3 7/8         | 6 1/8                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.05189.949.7                                 | 4.05108.949.7                                | Delrin                                            | 6 1/2       | 3 7/8         | 7                                 |
|           |             |                        | Moldon Nylon                         | 4.05189.939.3                                 | 4.05108.939.3                                | Delrin                                            | 6 1/2       | 3 7/8         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.05189.339                                   | 4.05108.339                                  | Delrin                                            | 6 1/2       | 3 7/8         | 5 3/4                             |
|           |             |                        | Thermo                               | 4.05189.839 HT                                | 4.05108.839 HT                               | Plain, Bronze                                     | 6 1/2       | 3 7/8         | 6 3/4                             |
|           |             |                        | Cast Iron                            | 4.05189.139                                   | 4.05108.139                                  | Delrin                                            | 6 1/2       | 3 7/8         | 8 7/8                             |
|           |             | 1400                   | Forged Steel                         | 4.05189.239                                   | 4.05108.239                                  | Delrin                                            | 6 1/2       | 3 7/8         | 9 1/4                             |
| 6"        | 2"          | 410                    | Performa Rubber (Conductive/Flat)    | 4.06189.459 COND                              | 4.06108.459 COND                             | Ball                                              | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             |                        | Performa Rubber (Conductive/Round)   | 4.06189.559 COND                              | 4.06108.559 COND                             | Ball                                              | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             | 450                    | Performa Rubber (Round/Grey)         | 4.06189.559                                   | 4.06108.559                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             |                        | Moldon Rubber (Cast iron core)       | 4.06189.649.7                                 | 4.06108.649.7                                | Delrin                                            | 7 1/2       | 4 5/8         | 9                                 |
|           |             | 600                    | Performa Rubber (Flat/Black)         | 4.06189.459.2                                 | 4.06108.459.2                                | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.06189.459                                   | 4.06108.459                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 5/8         | 6 1/8                             |
|           |             | 700                    | Polyolefin                           | 4.06189.839                                   | 4.06108.839                                  | Delrin, Plain                                     | 7 1/2       | 4 5/8         | 5 1/2                             |
|           |             | 900                    | Polyurethane HI-TECH                 | 4.06189.929                                   | 4.06108.929                                  | Delrin                                            | 7 1/2       | 4 5/8         | 5                                 |
|           |             | 1100                   | Endura Solid Elastomer               | 4.06189.839 EN                                | 4.06108.839. EN                              | Delrin, Prec. Ball                                | 7 1/2       | 4 5/8         | 7                                 |
|           |             | 1200                   | Maxim                                | 4.06189.539                                   | 4.06108.539                                  | Delrin, Bronze                                    | 7 1/2       | 4 5/8         | 5 3/4                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.06189.939                                   | 4.06108.939                                  | Delrin                                            | 7 1/2       | 4 5/8         | 7 1/2                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.06189.949.7                                 | 4.06108.949.7                                | Delrin                                            | 7 1/2       | 4 5/8         | 9                                 |
|           |             |                        | Moldon Nylon                         | 4.06189.939.3                                 | 4.06108.939.3                                | Delrin                                            | 7 1/2       | 4 5/8         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.06189.339                                   | 4.06108.339                                  | Delrin                                            | 7 1/2       | 4 5/8         | 7                                 |
|           |             |                        | Thermo                               | 4.06189.739                                   | 4.06108.839 HT                               | Plain, Bronze                                     | 7 1/2       | 4 5/8         | 10 1/2                            |
|           |             |                        | V-Groove                             | 4.06189.739                                   | 4.06108.739                                  | Delrin                                            | 7 1/2       | 4 5/8         | 10 1/2                            |
|           |             | 1400                   | Cast Iron                            | 4.06189.139                                   | 4.06108.139                                  | Delrin                                            | 7 1/2       | 4 5/8         | 9 3/4                             |
|           |             |                        | Forged Steel                         | 4.06189.239                                   | 4.06108.239                                  | Delrin                                            | 7 1/2       | 4 5/8         | 10 1/4                            |
| 8"        | 2"          | 500                    | Performa Rubber (Conductive/Flat)    | 4.08189.459 COND                              | 4.08198.459 COND                             | Ball                                              | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Performa Rubber (Conductive/Round)   | 4.08189.559 COND                              | 4.08198.459 COND                             | Ball                                              | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Moldon Rubber (Cast iron core)       | 4.08189.649.7                                 | 4.08198.649.7                                | Delrin                                            | 9 1/2       | 6 1/8         | 11                                |
|           |             | 600                    | Performa Rubber (Round/Grey)         | 4.08189.559                                   | 4.08198.559                                  | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Performa Rubber (Flat/Black)         | 4.08189.459.2                                 | 4.08198.459.2                                | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             | 675                    | Performa Rubber (Flat/Black)         | 4.08189.459                                   | 4.08198.459                                  | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             |                        | Performa Rubber (Flat/Grey)          | 4.08189.459                                   | 4.08198.459                                  | Delrin, Ball, Prec. Ball                          | 9 1/2       | 6 1/8         | 6 1/4                             |
|           |             | 900                    | Polyolefin                           | 4.08189.839                                   | 4.08198.839                                  | Delrin, Plain                                     | 9 1/2       | 6 1/8         | 5 3/4                             |
|           |             | 1000                   | Polyurethane HI-TECH                 | 4.08189.929                                   | 4.08198.929                                  | Delrin                                            | 9 1/2       | 6 1/8         | 5 3/4                             |
|           |             | 1200                   | Endura Solid Elastomer               | 4.08189.839 EN                                | 4.08198.839. EN                              | Delrin, Prec. Ball                                | 9 1/2       | 6 1/8         | 8 1/2                             |
|           |             | 1400                   | Maxim                                | 4.08189.539                                   | 4.08198.539                                  | Delrin, Bronze                                    | 9 1/2       | 6 1/8         | 6 1/2                             |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 4.08189.939                                   | 4.08198.939                                  | Delrin                                            | 9 1/2       | 6 1/8         | 8 1/4                             |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 4.08189.949.7                                 | 4.08198.949.7                                | Delrin                                            | 9 1/2       | 6 1/8         | 11                                |
|           |             |                        | Moldon Nylon                         | 4.08189.939.3                                 | 4.08198.939.3                                | Delrin                                            | 9 1/2       | 6 1/8         | 9 1/4                             |
|           |             |                        | Phenolic                             | 4.08189.339                                   | 4.08198.339                                  | Delrin                                            | 9 1/2       | 6 1/8         | 8 1/2                             |
|           |             |                        | Cast Iron                            | 4.08189.139                                   | 4.08198.139                                  | Delrin                                            | 9 1/2       | 6 1/8         | 12 1/2                            |

**Roller Bearing Options:** Torrington style roller bearing with retainer (Specify **WB19**). Metal cage roller bearing (Specify **WB29**).

**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).

**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 4.06179.921). One-piece with steel thrust washers (Specify **WB11**).

**Ball Bearing Options:** To order change 8th & 9th digit in model number to "65" (Example: 4.06179.465).

**Precision Ball Bearings:** To order change 8th and 9th digits to "35" (Example 4.06179.435). Performa round tread, change wheel code to "555".

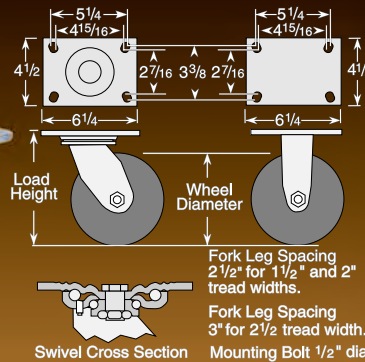
**Bronze Bearing Options:** To order change 9th digit in Maxim model number to "4" (Example: 4.06179.534).

**Plain Bearing Options:** To order change 9th digit to "2" (Example: 4.06179.832).

# 5 SERIES

Capacity up to 1300 lbs each

## Top Plate Swivel & Rigid



### Standard Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Heat treated bolt and nut king pin with 3/4" diameter bolt
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Caster Brake

**Tread Lock** (See page 12)  
Available on all swivel casters with 2" tread widths except V-Groove models (Specify **BRK1**).

**Tech Lock** (See page 10)  
Available on 6" x 2" rigid models only except V-Groove models (Specify **BRK2**).

### Fork/Wheel Options

**Hand Activated Swivel Lock** (See page 13).

**Thread Guards** (See page 14) – Available on many models (Specify **TG1** for metal **TG2** for plastic).

**Axle/Nut Options:** **AX2** Solid Axle (2" tread width)  
**NT1** Thick lock nut  
**NT2** Thin lock nut

|                      |                        |             |
|----------------------|------------------------|-------------|
| <b>Lube Options:</b> | Fork                   | Wheel       |
| No Grease            | <b>GRF1</b>            | <b>GRW1</b> |
| Double Grease        | <b>GRF2</b>            | <b>GRW2</b> |
| 300° Continuous      | <b>GRF3</b>            | <b>GRW3</b> |
| 500° Continuous      | <b>Consult Factory</b> |             |

## Wheel Selection



PERFORMA  
FLAT/GREY



PERFORMA  
FLAT/BLACK



PERFORMA  
ROUND/GREY



PERFORMA  
CONDUCTIVE



PERFORMA  
CONDUCTIVE ROUND



MOLDON RUBBER  
CAST IRON OR ALUM.



POLYOLEFIN



MAXIM



ENDURA



MOLDON  
NYLON



POLYURETHANE  
HI-TECH



POLYURETHANE  
ALUMINUM



POLYURETHANE  
CAST IRON



ROUND TREAD  
POLYURETHANE



PHENOLIC



THERMO



FORGED STEEL



CAST IRON



V-GROOVE

# 5 SERIES • Top Plate Swivel & Rigid • Capacity up to 1300 lbs

| Wheel Dia                          | Tread Width                          | Capacity Each (Pounds)               | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height      | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |         |
|------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|------------------|---------------|-----------------------------------|---------|
| 4"                                 | 1 1/2"                               | 600                                  | Moldon Polyurethane (Aluminum core)  | 5.04209.919                                   | 5.04208.919                                  | Delrin                                            | 5 5/8            | 3 9/16        | 6 1/4                             |         |
|                                    |                                      | 1200                                 | Forged Steel                         | 5.04209.219                                   | 5.04208.219                                  | Delrin                                            | 5 5/8            | 3 9/16        | 7 1/2                             |         |
|                                    | 2"                                   | 300                                  | Performa Rubber (Conductive Flat)    | 5.04209.459 COND                              | 5.04208.459 COND                             | Ball                                              | 5 5/8            | 3 9/16        | 6                                 |         |
|                                    |                                      | 325                                  | Moldon Rubber (Cast iron core)       | 5.04209.649.7                                 | 5.04208.649.7                                | Delrin                                            | 5 5/8            | 3 9/16        | 8 3/4                             |         |
|                                    |                                      | 350                                  | Performa Rubber (Flat/Black)         | 5.04209.459.2                                 | 5.04208.459.2                                | Delrin, Ball, Prec. Ball                          | 5 5/8            | 3 9/16        | 6                                 |         |
|                                    |                                      |                                      | Performa Rubber (Flat/Grey)          | 5.04209.459                                   | 5.04208.459                                  | Delrin, Ball, Prec. Ball                          | 5 5/8            | 3 9/16        | 6                                 |         |
|                                    |                                      | 500                                  | Polyolefin                           | 5.04209.839                                   | 5.04208.839                                  | Delrin, Plain                                     | 5 5/8            | 3 9/16        | 6                                 |         |
|                                    |                                      | 600                                  | Polyurethane HI-TECH                 | 5.04209.929                                   | 5.04208.929                                  | Delrin                                            | 5 5/8            | 3 9/16        | 6 1/2                             |         |
|                                    |                                      |                                      | 700                                  | Moldon Polyurethane (Aluminum core)           | 5.04209.939                                  | 5.04208.939                                       | Delrin           | 5 5/8         | 3 9/16                            | 6 3/4   |
|                                    |                                      | Moldon Polyurethane (Cast iron core) |                                      | 5.04209.949.7                                 | 5.04208.949.7                                | Delrin                                            | 5 5/8            | 3 9/16        | 8 3/4                             |         |
|                                    |                                      | 800                                  | Maxim                                | 5.04209.539                                   | 5.04208.539                                  | Delrin, Bronze                                    | 5 5/8            | 3 9/16        | 5 3/8                             |         |
|                                    |                                      |                                      | Phenolic                             | 5.04209.339                                   | 5.04208.339                                  | Delrin                                            | 5 5/8            | 3 9/16        | 6                                 |         |
|                                    |                                      | 800                                  | Thermo                               | 5.04209.839 HT                                | 5.04208.839 HT                               | Plain                                             | 5 5/8            | 3 9/16        | 7                                 |         |
|                                    |                                      |                                      | V-Groove                             | 5.04209.739                                   | 5.04208.739                                  | Delrin                                            | 5 5/8            | 3 9/16        | 7 1/4                             |         |
|                                    |                                      | 1000                                 | Endura Solid Elastomer               | 5.04209.839 EN                                | 5.04208.839 EN                               | Delrin, Prec. Ball                                | 5 5/8            | 3 9/16        | 6                                 |         |
|                                    |                                      |                                      | Cast Iron                            | 5.04209.139                                   | 5.04208.139                                  | Delrin                                            | 5 5/8            | 3 9/16        | 7 3/4                             |         |
| 5"                                 | 2"                                   | 325                                  | Performa Rubber (Conductive Flat)    | 5.05209.459 COND                              | 5.05208.459 COND                             | Ball                                              | 6 1/2            | 4 1/16        | 6 3/4                             |         |
|                                    |                                      | 375                                  | Performa Rubber (Flat/Black)         | 5.05209.459.2                                 | 5.05208.459.2                                | Delrin, Ball, Prec. Ball                          | 6 1/2            | 4 1/16        | 6 3/4                             |         |
|                                    |                                      |                                      | Performa Rubber (Flat/Grey)          | 5.05209.459                                   | 5.05208.459                                  | Delrin, Ball, Prec. Ball                          | 6 1/2            | 4 1/16        | 6 3/4                             |         |
|                                    |                                      | 400                                  | Moldon Rubber (Cast iron core)       | 5.05209.649.7                                 | 5.05208.649.7                                | Delrin                                            | 6 1/2            | 4 1/16        | 11 1/4                            |         |
|                                    |                                      | 650                                  | Polyolefin                           | 5.05209.839                                   | 5.05208.839                                  | Delrin, Plain                                     | 6 1/2            | 4 1/16        | 6 3/4                             |         |
|                                    |                                      | 750                                  | Polyurethane HI-TECH                 | 5.05209.929                                   | 5.05208.929                                  | Delrin                                            | 6 1/2            | 4 1/16        | 6 1/2                             |         |
|                                    |                                      | 1000                                 | Maxim                                | 5.05209.539                                   | 5.05208.539                                  | Delrin, Bronze                                    | 6 1/2            | 4 1/16        | 5 3/4                             |         |
|                                    |                                      |                                      | Endura Solid Elastomer               | 5.05209.839 EN                                | 5.05208.839 EN                               | Delrin, Prec. Ball                                | 6 1/2            | 4 1/16        | 7 1/2                             |         |
|                                    |                                      |                                      | Moldon Polyurethane (Aluminum core)  | 5.05209.939                                   | 5.05208.939                                  | Delrin                                            | 6 1/2            | 4 1/16        | 9 1/4                             |         |
|                                    |                                      |                                      | Moldon Polyurethane (Cast iron core) | 5.05209.949.7                                 | 5.05208.949.7                                | Delrin                                            | 6 1/2            | 4 1/16        | 11 1/4                            |         |
|                                    |                                      |                                      | Moldon Nylon                         | 5.05209.939.3                                 | 5.05208.939.3                                | Delrin                                            | 6 1/2            | 4 1/16        | 7 1/2                             |         |
|                                    |                                      |                                      | Phenolic                             | 5.05209.339                                   | 5.05208.339                                  | Delrin                                            | 6 1/2            | 4 1/16        | 7 1/2                             |         |
|                                    |                                      |                                      | Thermo                               | 5.05209.839 HT                                | 5.05208.839 HT                               | Plain                                             | 6 1/2            | 4 1/16        | 8 1/2                             |         |
|                                    |                                      |                                      | Cast Iron                            | 5.05209.139                                   | 5.05208.139                                  | Delrin                                            | 6 1/2            | 4 1/16        | 9 3/4                             |         |
|                                    |                                      |                                      | Forged Steel                         | 5.05209.239                                   | 5.05208.239                                  | Delrin                                            | 6 1/2            | 4 1/16        | 9 3/4                             |         |
|                                    |                                      | 6"                                   | 2"                                   | 410                                           | Performa Rubber (Conductive Flat)            | 5.06209.459 COND                                  | 5.06208.459 COND | Ball          | 7 1/2                             | 4 13/16 |
| Performa Rubber (Conductive Round) | 5.06209.559 COND                     |                                      |                                      |                                               | 5.06208.559 COND                             | Ball                                              | 7 1/2            | 4 13/16       | 6 3/4                             |         |
| 450                                | Performa Rubber (Round/Grey)         |                                      |                                      | 5.06209.559                                   | 5.06208.559                                  | Delrin, Ball, Prec. Ball                          | 7 1/2            | 4 13/16       | 6 3/4                             |         |
|                                    | Moldon Rubber (Cast iron core)       |                                      |                                      | 5.06209.649.7                                 | 5.06208.649.7                                | Delrin                                            | 7 1/2            | 4 13/16       | 10 1/2                            |         |
| 600                                | Performa Rubber (Flat/Black)         |                                      |                                      | 5.06209.459.2                                 | 5.06208.459.2                                | Delrin, Ball, Prec. Ball                          | 7 1/2            | 4 13/16       | 6 3/4                             |         |
|                                    | Performa Rubber (Flat/Grey)          |                                      |                                      | 5.06209.459                                   | 5.06208.459                                  | Delrin, Ball, Prec. Ball                          | 7 1/2            | 4 13/16       | 6 3/4                             |         |
| 700                                | Polyolefin                           |                                      |                                      | 5.06209.839                                   | 5.06208.839                                  | Delrin, Plain                                     | 7 1/2            | 4 13/16       | 7                                 |         |
| 900                                | Polyurethane HI-TECH                 |                                      |                                      | 5.06209.929                                   | 5.06208.929                                  | Delrin                                            | 7 1/2            | 4 13/16       | 6 3/4                             |         |
| 1100                               | Endura Solid Elastomer               |                                      |                                      | 5.06209.839 EN                                | 5.06208.839 EN                               | Delrin, Prec. Ball                                | 7 1/2            | 4 13/16       | 7 3/4                             |         |
| 1200                               | Maxim                                |                                      |                                      | 5.06209.539                                   | 5.06208.539                                  | Delrin, Bronze                                    | 7 1/2            | 4 13/16       | 6 1/8                             |         |
|                                    | Moldon Polyurethane (Aluminum core)  |                                      |                                      | 5.06209.939                                   | 5.06208.939                                  | Delrin                                            | 7 1/2            | 4 13/16       | 7 1/2                             |         |
|                                    | Moldon Polyurethane (Cast iron core) |                                      |                                      | 5.06209.949.7                                 | 5.06208.949.7                                | Delrin                                            | 7 1/2            | 4 13/16       | 11 1/2                            |         |
|                                    | Moldon Nylon                         |                                      |                                      | 5.06209.939.3                                 | 5.06208.939.3                                | Delrin                                            | 7 1/2            | 4 13/16       | 7 3/4                             |         |
|                                    | Phenolic                             |                                      |                                      | 5.06209.339                                   | 5.06208.339                                  | Delrin                                            | 7 1/2            | 4 13/16       | 7 3/4                             |         |
|                                    | V-Groove                             |                                      |                                      | 5.06209.739                                   | 5.06208.739                                  | Delrin                                            | 7 1/2            | 4 13/16       | 10 3/4                            |         |
|                                    | 1300                                 |                                      |                                      | Cast Iron                                     | 5.06209.139                                  | 5.06208.139                                       | Delrin           | 7 1/2         | 4 13/16                           | 11 1/4  |
|                                    | Forged Steel                         | 5.06209.239                          | 5.06208.239                          | Delrin                                        | 7 1/2                                        | 4 13/16                                           | 11               |               |                                   |         |
|                                    | 2 1/2"                               | 540                                  | Moldon Rubber (Aluminum core)        | 5.06259.669                                   | 5.06258.669                                  | —                                                 | 7 1/2            | 4 13/16       | 9 1/4                             |         |
| 1300                               |                                      | Moldon Polyurethane (Aluminum core)  | 5.06259.969                          | 5.06258.969                                   | —                                            | 7 1/2                                             | 4 13/16          | 8 3/4         |                                   |         |
|                                    |                                      | Phenolic                             | 5.06259.369                          | 5.06258.369                                   | —                                            | 7 1/2                                             | 4 13/16          | 9             |                                   |         |
|                                    |                                      | Cast Iron                            | 5.06259.169                          | 5.06258.169                                   | —                                            | 7 1/2                                             | 4 13/16          | 12 3/4        |                                   |         |
|                                    |                                      | 8"                                   | 2"                                   | 500                                           | Performa Rubber (Conductive Flat)            | 5.08299.459 COND                                  | 5.08298.459 COND | Ball          | 9 1/2                             | 6 5/16  |
| Performa Rubber (Conductive Round) |                                      |                                      |                                      |                                               | 5.08299.559 COND                             | 5.08298.559 COND                                  | Ball             | 9 1/2         | 6 5/16                            | 7 1/2   |
| 600                                | Moldon Rubber (Cast iron core)       |                                      |                                      | 5.08299.649.7                                 | 5.08298.649.7                                | Delrin                                            | 9 1/2            | 6 5/16        | 13 3/4                            |         |
|                                    | Performa Rubber (Round/Grey)         |                                      |                                      | 5.08299.559                                   | 5.08298.559                                  | Delrin, Ball, Prec. Ball                          | 9 1/2            | 6 5/16        | 7 1/2                             |         |
| 675                                | Performa Rubber (Flat/Black)         |                                      |                                      | 5.08299.459.2                                 | 5.08298.459.2                                | Delrin, Ball, Prec. Ball                          | 9 1/2            | 6 5/16        | 7 3/4                             |         |
|                                    | Performa Rubber (Flat/Grey)          |                                      |                                      | 5.08299.459                                   | 5.08298.459                                  | Delrin, Ball, Prec. Ball                          | 9 1/2            | 6 5/16        | 7 3/4                             |         |
| 900                                | Polyolefin                           |                                      |                                      | 5.08299.839                                   | 5.08298.839                                  | Delrin, Plain                                     | 9 1/2            | 6 5/16        | 7 1/2                             |         |
| 1000                               | Polyurethane HI-TECH                 |                                      |                                      | 5.08299.929                                   | 5.08298.929                                  | Delrin                                            | 9 1/2            | 6 5/16        | 7 1/4                             |         |
| 1200                               | Endura Solid Elastomer               |                                      |                                      | 5.08299.839 EN                                | 5.08298.839 EN                               | Delrin, Prec. Ball                                | 9 1/2            | 6 5/16        | 9 1/2                             |         |
|                                    | Maxim                                |                                      |                                      | 5.08299.539                                   | 5.08298.539                                  | Delrin, Bronze                                    | 9 1/2            | 6 5/16        | 7                                 |         |
|                                    | Moldon Polyurethane (Aluminum core)  |                                      |                                      | 5.08299.939                                   | 5.08298.939                                  | Delrin                                            | 9 1/2            | 6 5/16        | 8 3/4                             |         |
|                                    | Moldon Polyurethane (Cast iron core) |                                      |                                      | 5.08299.949.7                                 | 5.08298.949.7                                | Delrin                                            | 9 1/2            | 6 5/16        | 13 3/4                            |         |
|                                    | Moldon Nylon                         |                                      |                                      | 5.08299.939.3                                 | 5.08298.939.3                                | Delrin                                            | 9 1/2            | 6 5/16        | 7 3/4                             |         |
|                                    | Phenolic                             |                                      |                                      | 5.08299.339                                   | 5.08298.339                                  | Delrin                                            | 9 1/2            | 6 5/16        | 9 1/2                             |         |
|                                    | Cast Iron                            |                                      |                                      | 5.08299.139                                   | 5.08298.139                                  | Delrin                                            | 9 1/2            | 6 5/16        | 14 1/4                            |         |
|                                    | 670                                  |                                      |                                      | Moldon Rubber (Aluminum core)                 | 5.08259.669                                  | 5.08258.669                                       | —                | 9 1/2         | 6 5/16                            | 11      |
| 2 1/2"                             | 1300                                 | Moldon Polyurethane (Aluminum core)  | 5.08259.969                          | 5.08258.969                                   | —                                            | 9 1/2                                             | 6 5/16           | 9 3/4         |                                   |         |
|                                    |                                      | Phenolic                             | 5.08259.369                          | 5.08258.369                                   | —                                            | 9 1/2                                             | 6 5/16           | 11 1/4        |                                   |         |
|                                    |                                      | Cast Iron                            | 5.08259.169                          | 5.08258.169                                   | —                                            | 9 1/2                                             | 6 5/16           | 16            |                                   |         |
|                                    |                                      | 10"                                  | 2 1/2"                               | 790                                           | Moldon Rubber (Aluminum core)                | 5.10259.669                                       | 5.10258.669      | —             | 11 1/2                            | 7 27/32 |
| 1300                               | Phenolic                             |                                      |                                      | 5.10259.369                                   | 5.10258.369                                  | —                                                 | 11 1/2           | 7 27/32       | 13                                |         |
|                                    | Cast Iron                            |                                      |                                      | 5.10259.169                                   | 5.10258.169                                  | —                                                 | 11 1/2           | 7 27/32       | 19 3/4                            |         |

**Roller Bearing Options:** Torrington style roller bearing with retainer (Specify **WB19**). Metal cage roller bearing (Specify **WB29**).

**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).

**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 5.06209.921). One-piece with steel thrust washers (Specify **WB11**).

**Ball Bearing Options:** To order change 8th & 9th digit in model number to "65" (Example: 5.06209.465). **Note:** Performa 6" to 8" capacity decreases (See wheel section).

**Precision Ball Bearings:** To order change 8th and 9th digits to "35" (Example 5.06209.435). Performa round tread, change wheel code to "555".

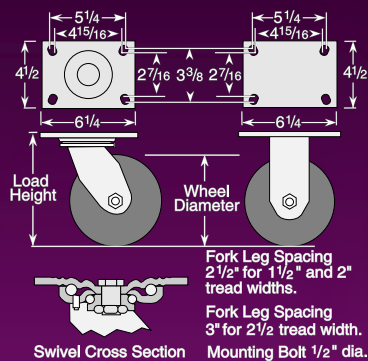
**Bronze Bearing Options:** To order change 9th digit in Maxim model number to "4" (Example: 5.06209.534).

**Plain Bearing Options:** To order change 9th digit to "2" (Example: 5.06209.832).

# 6 SERIES

Capacity up to 1500 lbs each

## Top Plate Swivel & Rigid



### Standard Features

- Attractive zinc plated finish
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 5/16" steel top plate for durability (1/4" rigid top plate)
- Heat treated bolt and nut king pin with 3/4" diameter bolt
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Caster Brake

**Tread Lock** (See page 12)  
Available on all swivel casters with 2" tread widths except V-Groove models (Specify **BRK1**).

### Fork/Wheel Options

**Hand Activated Swivel Lock** (See page 13)

**Thread Guards** (See page 14) – Available on many models (Specify **TG1** for metal **TG2** for plastic).

**Axle/Nut Options:** **AX2** Solid Axle (2" Tread Width)  
**NT1** Thick lock nut  
**NT2** Thin lock nut

**Lube Options:**

|                 |                        |             |
|-----------------|------------------------|-------------|
| No Grease       | <b>GRF1</b>            | <b>GRW1</b> |
| Double Grease   | <b>GRF2</b>            | <b>GRW2</b> |
| 300° Continuous | <b>GRF3</b>            | <b>GRW3</b> |
| 500° Continuous | <b>Consult Factory</b> |             |

## Wheel Selection



PERFORMA  
FLAT/GREY



PERFORMA  
FLAT/BLACK



PERFORMA  
ROUND/GREY



PERFORMA  
CONDUCTIVE



PERFORMA  
CONDUCTIVE ROUND



MOLDON RUBBER  
CAST IRON OR ALUM.



POLYOLEFIN



MAXIM



ENDURA



MOLDON  
NYLON



POLYURETHANE  
HI-TECH



POLYURETHANE  
ALUMINUM



POLYURETHANE  
CAST IRON



ROUND TREAD  
POLYURETHANE



PHENOLIC



THERMO



FORGED STEEL



CAST IRON



V-GROOVE

# 6 SERIES • Top Plate Swivel & Rigid • Capacity up to 1500 lbs

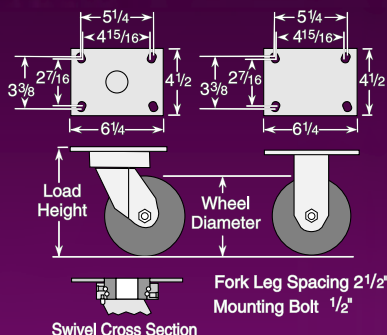
| Wheel Dia                          | Tread Width                          | Capacity Each (Pounds)              | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height      | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |
|------------------------------------|--------------------------------------|-------------------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|------------------|---------------|-----------------------------------|
| 4"                                 | 1 1/2"                               | 600                                 | Moldon Polyurethane (Aluminum core)  | 6.04209.919                                   | 6.04208.919                                  | Delrin                                            | 5 5/8            | 3 5/8         | 7                                 |
|                                    |                                      | 1400                                | Forged Steel                         | 6.04209.219                                   | 6.04208.219                                  | Delrin                                            | 5 5/8            | 3 5/8         | 8 3/4                             |
|                                    | 2"                                   | 300                                 | Performa Rubber (Conductive Flat)    | 6.04209.459 COND                              | 6.04208.459 COND                             | Ball                                              | 5 5/8            | 3 5/8         | 7 1/4                             |
|                                    |                                      | 325                                 | Moldon Rubber (Cast iron core)       | 6.04209.649.7                                 | 6.04208.649.7                                | Delrin                                            | 5 5/8            | 3 5/8         | 9 1/4                             |
|                                    |                                      | 350                                 | Performa Rubber (Flat/Black)         | 6.04209.459.2                                 | 6.04208.459.2                                | Delrin, Ball, Prec. Ball                          | 5 5/8            | 3 5/8         | 7 1/4                             |
|                                    |                                      |                                     | Performa Rubber (Flat/Grey)          | 6.04209.459                                   | 6.04208.459                                  | Delrin, Ball, Prec. Ball                          | 5 5/8            | 3 5/8         | 7 1/4                             |
|                                    |                                      | 500                                 | Polyolefin                           | 6.04209.839                                   | 6.04208.839                                  | Delrin, Plain                                     | 5 5/8            | 3 5/8         | 7 1/4                             |
|                                    |                                      | 600                                 | Polyurethane HI-TECH                 | 6.04209.929                                   | 6.04208.929                                  | Delrin                                            | 5 5/8            | 3 5/8         | 7 1/2                             |
|                                    |                                      | 700                                 | Moldon Polyurethane (Aluminum core)  | 6.04209.939                                   | 6.04208.939                                  | Delrin                                            | 5 5/8            | 3 5/8         | 7 1/2                             |
|                                    |                                      |                                     | Moldon Polyurethane (Cast iron core) | 6.04209.949.7                                 | 6.04208.949.7                                | Delrin                                            | 5 5/8            | 3 5/8         | 9 1/4                             |
|                                    |                                      | 800                                 | Maxim                                | 6.04209.539                                   | 6.04208.539                                  | Delrin, Bronze                                    | 5 5/8            | 3 5/8         | 6 3/8                             |
|                                    |                                      |                                     | Phenolic                             | 6.04209.339                                   | 6.04208.339                                  | Delrin                                            | 5 5/8            | 3 5/8         | 7 1/4                             |
|                                    |                                      |                                     | Thermo                               | 6.04209.839 HT                                | 6.04208.839 HT                               | Plain                                             | 5 5/8            | 3 5/8         | 8 1/4                             |
|                                    |                                      |                                     | V-Groove                             | 6.04209.739                                   | 6.04208.739                                  | Delrin                                            | 5 5/8            | 3 5/8         | 11                                |
|                                    |                                      | 1000                                | Endura Solid Elastomer               | 6.04209.839 EN                                | 6.04208.839 EN                               | Delrin, Prec. Ball                                | 5 5/8            | 3 5/8         | 7 1/4                             |
|                                    |                                      |                                     | Cast Iron                            | 6.04209.139                                   | 6.04208.139                                  | Delrin                                            | 5 5/8            | 3 5/8         | 9                                 |
| 5"                                 | 2"                                   | 325                                 | Performa Rubber (Conductive Flat)    | 6.05209.459 COND                              | 6.05208.459 COND                             | Ball                                              | 6 1/2            | 4 5/16        | 9                                 |
|                                    |                                      | 375                                 | Performa Rubber (Flat/Black)         | 6.05209.459.2                                 | 6.05208.459.2                                | Delrin, Ball, Prec. Ball                          | 6 1/2            | 4 5/16        | 9                                 |
|                                    |                                      |                                     | Performa Rubber (Flat/Grey)          | 6.05209.459                                   | 6.05208.459                                  | Delrin, Ball, Prec. Ball                          | 6 1/2            | 4 5/16        | 9                                 |
|                                    |                                      | 400                                 | Moldon Rubber (Cast iron core)       | 6.05209.649.7                                 | 6.05208.649.7                                | Delrin                                            | 6 1/2            | 4 5/16        | 11 1/4                            |
|                                    |                                      | 650                                 | Polyolefin                           | 6.05209.839                                   | 6.05208.839                                  | Delrin, Plain                                     | 6 1/2            | 4 5/16        | 9                                 |
|                                    |                                      | 750                                 | Polyurethane HI-TECH                 | 6.05209.929                                   | 6.05208.929                                  | Delrin                                            | 6 1/2            | 4 5/16        | 8 1/2                             |
|                                    |                                      | 1000                                | Maxim                                | 6.05209.539                                   | 6.05208.539                                  | Delrin, Bronze                                    | 6 1/2            | 4 5/16        | 6 3/4                             |
|                                    |                                      |                                     | Endura Solid Elastomer               | 6.05209.839 EN                                | 6.05208.839 EN                               | Delrin, Prec. Ball                                | 6 1/2            | 4 5/16        | 8                                 |
|                                    |                                      |                                     | Moldon Polyurethane (Aluminum core)  | 6.05209.939                                   | 6.05208.939                                  | Delrin                                            | 6 1/2            | 4 5/16        | 8 3/4                             |
|                                    |                                      |                                     | Moldon Polyurethane (Cast iron core) | 6.05209.949.7                                 | 6.05208.949.7                                | Delrin                                            | 6 1/2            | 4 5/16        | 11 1/4                            |
|                                    |                                      |                                     | Moldon Nylon                         | 6.05209.939.3                                 | 6.05208.939.3                                | Delrin                                            | 6 1/2            | 4 5/16        | 8                                 |
|                                    |                                      |                                     | Phenolic                             | 6.05209.339                                   | 6.05208.339                                  | Delrin                                            | 6 1/2            | 4 5/16        | 8                                 |
|                                    |                                      |                                     | Thermo                               | 6.05209.839 HT                                | 6.05208.839 HT                               | Plain                                             | 6 1/2            | 4 5/16        | 9                                 |
|                                    |                                      |                                     | Cast Iron                            | 6.05209.139                                   | 6.05208.139                                  | Delrin                                            | 6 1/2            | 4 5/16        | 10 3/4                            |
|                                    |                                      |                                     | Forged Steel                         | 6.05209.239                                   | 6.05208.239                                  | Delrin                                            | 6 1/2            | 4 5/16        | 11 1/4                            |
|                                    |                                      | 6"                                  | 2"                                   | 410                                           | Performa Rubber (Conductive Flat)            | 6.06209.459 COND                                  | 6.06208.459 COND | Ball          | 7 1/2                             |
| Performa Rubber (Conductive Round) | 6.06209.559 COND                     |                                     |                                      |                                               | 6.06208.559 COND                             | Ball                                              | 7 1/2            | 4 3/4         | 7 3/4                             |
| 450                                | Performa Rubber (Round/Grey)         |                                     |                                      | 6.06209.559                                   | 6.06208.559                                  | Delrin, Ball, Prec. Ball                          | 7 1/2            | 4 3/4         | 7 3/4                             |
|                                    | Moldon Rubber (Cast iron core)       |                                     |                                      | 6.06209.649.7                                 | 6.06208.649.7                                | Delrin                                            | 7 1/2            | 4 3/4         | 12 1/4                            |
| 600                                | Performa Rubber (Flat/Black)         |                                     |                                      | 6.06209.459.2                                 | 6.06208.459.2                                | Delrin, Ball, Prec. Ball                          | 7 1/2            | 4 3/4         | 7 3/4                             |
|                                    | Performa Rubber (Flat/Grey)          |                                     |                                      | 6.06209.459                                   | 6.06208.459                                  | Delrin, Ball, Prec. Ball                          | 7 1/2            | 4 3/4         | 7 3/4                             |
| 700                                | Polyolefin                           |                                     |                                      | 6.06209.839                                   | 6.06208.839                                  | Delrin, Plain                                     | 7 1/2            | 4 3/4         | 8 1/2                             |
| 900                                | Polyurethane HI-TECH                 |                                     |                                      | 6.06209.929                                   | 6.06208.929                                  | Delrin                                            | 7 1/2            | 4 3/4         | 7 3/4                             |
| 1100                               | Endura Solid Elastomer               |                                     |                                      | 6.06209.839 EN                                | 6.06208.839 EN                               | Delrin, Prec. Ball                                | 7 1/2            | 4 3/4         | 9 1/4                             |
|                                    | Maxim                                |                                     |                                      | 6.06209.539                                   | 6.06208.539                                  | Delrin, Bronze                                    | 7 1/2            | 4 3/4         | 7 1/8                             |
| 1200                               | Moldon Polyurethane (Aluminum core)  |                                     |                                      | 6.06209.939                                   | 6.06208.939                                  | Delrin                                            | 7 1/2            | 4 3/4         | 9 1/4                             |
|                                    | Moldon Polyurethane (Cast iron core) |                                     |                                      | 6.06209.949.7                                 | 6.06208.949.7                                | Delrin                                            | 7 1/2            | 4 3/4         | 12 1/2                            |
|                                    | Moldon Nylon                         |                                     |                                      | 6.06209.939.3                                 | 6.06208.939.3                                | Delrin                                            | 7 1/2            | 4 3/4         | 9 1/4                             |
|                                    | Phenolic                             |                                     |                                      | 6.06209.339                                   | 6.06208.339                                  | Delrin                                            | 7 1/2            | 4 3/4         | 9 1/4                             |
|                                    | V-Groove                             |                                     |                                      | 6.06209.739                                   | 6.06208.739                                  | Delrin                                            | 7 1/2            | 4 3/4         | 12                                |
|                                    | Cast Iron                            |                                     |                                      | 6.06209.139                                   | 6.06208.139                                  | Delrin                                            | 7 1/2            | 4 3/4         | 12 1/2                            |
| 1500                               | Forged Steel                         | 6.06209.239                         | 6.06208.239                          | Delrin                                        | 7 1/2                                        | 4 3/4                                             | 12 1/2           |               |                                   |
|                                    | 2 1/2"                               | 540                                 | Moldon Rubber (Aluminum core)        | 6.06259.669                                   | 6.06258.669                                  | —                                                 | 7 1/2            | 4 3/4         | 10 3/4                            |
|                                    |                                      | Moldon Polyurethane (Aluminum core) | 6.06259.969                          | 6.06258.969                                   | —                                            | 7 1/2                                             | 4 3/4            | 9 3/4         |                                   |
|                                    | 1500                                 | Phenolic                            | 6.06259.369                          | 6.06258.369                                   | —                                            | 7 1/2                                             | 4 3/4            | 10 1/4        |                                   |
|                                    |                                      | Cast Iron                           | 6.06259.169                          | 6.06258.169                                   | —                                            | 7 1/2                                             | 4 3/4            | 15 3/4        |                                   |
|                                    | 8"                                   | 2"                                  | 500                                  | Performa Rubber (Conductive Flat)             | 6.08299.459 COND                             | 6.08298.459 COND                                  | Ball             | 9 1/2         | 6 1/4                             |
| Performa Rubber (Conductive Round) |                                      |                                     |                                      | 6.08299.559 COND                              | 6.08298.559 COND                             | Ball                                              | 9 1/2            | 6 1/4         | 8 1/2                             |
| 600                                |                                      |                                     | Moldon Rubber (Cast iron core)       | 6.08299.649.7                                 | 6.08298.649.7                                | Delrin                                            | 9 1/2            | 6 1/4         | 16 1/4                            |
|                                    |                                      |                                     | Performa Rubber (Round/Grey)         | 6.08299.559                                   | 6.08298.559                                  | Delrin, Ball, Prec. Ball                          | 9 1/2            | 6 1/4         | 8 1/2                             |
| 675                                |                                      |                                     | Performa Rubber (Flat/Black)         | 6.08299.459.2                                 | 6.08298.459.2                                | Delrin, Ball, Prec. Ball                          | 9 1/2            | 6 1/4         | 8 1/2                             |
|                                    |                                      |                                     | Performa Rubber (Flat/Grey)          | 6.08299.459                                   | 6.08298.459                                  | Delrin, Ball, Prec. Ball                          | 9 1/2            | 6 1/4         | 8 1/2                             |
| 900                                |                                      |                                     | Polyolefin                           | 6.08299.839                                   | 6.08298.839                                  | Delrin, Plain                                     | 9 1/2            | 6 1/4         | 10 1/4                            |
| 1000                               |                                      |                                     | Polyurethane HI-TECH                 | 6.08299.929                                   | 6.08298.929                                  | Delrin                                            | 9 1/2            | 6 1/4         | 9 1/2                             |
| 1200                               |                                      |                                     | Endura Solid Elastomer               | 6.08299.839 EN                                | 6.08298.839 EN                               | Delrin, Prec. Ball                                | 9 1/2            | 6 1/4         | 11 1/2                            |
|                                    |                                      |                                     | Phenolic                             | 6.08299.339                                   | 6.08298.339                                  | Delrin                                            | 9 1/2            | 6 1/4         | 11 1/2                            |
| 1400                               |                                      |                                     | Maxim                                | 6.08299.539                                   | 6.08298.539                                  | Delrin, Bronze                                    | 9 1/2            | 6 1/4         | 8                                 |
|                                    |                                      |                                     | Moldon Polyurethane (Aluminum core)  | 6.08299.939                                   | 6.08298.939                                  | Delrin                                            | 9 1/2            | 6 1/4         | 11 1/4                            |
| 1500                               |                                      |                                     | Moldon Polyurethane (Cast iron core) | 6.08299.949.7                                 | 6.08298.949.7                                | Delrin                                            | 9 1/2            | 6 1/4         | 16 1/4                            |
|                                    |                                      |                                     | Moldon Nylon                         | 6.08299.939.3                                 | 6.08298.939.3                                | Delrin                                            | 9 1/2            | 6 1/4         | 11 1/4                            |
|                                    |                                      |                                     | Cast Iron                            | 6.08299.139                                   | 6.08298.139                                  | Delrin                                            | 9 1/2            | 6 1/4         | 16 1/4                            |
|                                    |                                      |                                     | 670                                  | Moldon Rubber (Aluminum core)                 | 6.08259.669                                  | 6.08258.669                                       | —                | 9 1/2         | 6 1/4                             |
| 2 1/2"                             | 1500                                 | Moldon Polyurethane (Aluminum core) | 6.08259.969                          | 6.08258.969                                   | —                                            | 9 1/2                                             | 6 1/4            | 12            |                                   |
|                                    |                                      | Phenolic                            | 6.08259.369                          | 6.08258.369                                   | —                                            | 9 1/2                                             | 6 1/4            | 13 1/4        |                                   |
|                                    |                                      | Cast Iron                           | 6.08259.169                          | 6.08258.169                                   | —                                            | 9 1/2                                             | 6 1/4            | 18            |                                   |
| 10"                                | 2 1/2"                               | 790                                 | Moldon Rubber (Aluminum core)        | 6.10259.669                                   | 6.10258.669                                  | —                                                 | 11 1/2           | 7 25/32       | 15 3/4                            |
|                                    |                                      | Phenolic                            | 6.10259.369                          | 6.10258.369                                   | —                                            | 11 1/2                                            | 7 25/32          | 14 3/4        |                                   |
|                                    |                                      | Cast Iron                           | 6.10259.169                          | 6.10258.169                                   | —                                            | 11 1/2                                            | 7 25/32          | 22 1/2        |                                   |

**Roller Bearing Options:** Torrington style roller bearing with retainer (Specify **WB19**). Metal cage roller bearing (Specify **WB29**).  
**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).  
**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 6.06209.921). One-piece with steel thrust washers (Specify **WB11**).  
**Ball Bearing Options:** To order change 8th & 9th digit in model number to "65" (Example: 6.06209.465). **Note:** Performa 6" to 8" capacity decreases (See wheel section).  
**Precision Ball Bearings:** To order change 8th and 9th digits to "35" (Example: 6.06209.435). Performa round tread, change wheel code to "555".  
**Bronze Bearing Options:** To order change 9th digit in Maxim model number to "4" (Example: 6.06209.534).  
**Plain Bearing Options:** To order change 9th digit to "2" (Example: 6.06209.832).

# 6 SERIES IMPAK<sup>®</sup>

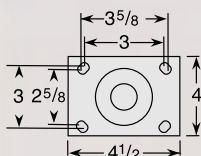
Capacity up to 1500 lbs each

## Kingpinless Top Plate Swivel & Rigid

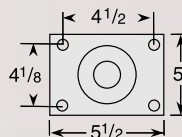


### Optional Top Plates

# 1 Top Plate  
(Specify **MTG1**).



# 4 Top Plate  
(Specify **MTG4**).



## Performance Options

### Caster Brake

**Tread Lock** (See page 12)  
Available on all swivel casters except V-Groove models (Specify **BRK1**).

### Fork/Wheel Options

**Hand Activated Swivel Lock** (See page 13)

**Thread Guards** (See page 14) – Available on many models (Specify **TG1** for metal **TG2** for plastic).

**Optional Load height**—Optional 9 1/2" load height (6 1/4" swivel radius) available for 8" swivel & rigid casters (Specify **LH9.5**).

**Axle/Nut Options:**  
**NT1** Thick lock nut  
**NT2** Thin lock nut

**Lube Options:**  
No Grease  
Double Grease  
300° Continuous  
500° Continuous

**Fork**  
**GRF1**  
**GRF2**  
**GRF3**  
**Consult Factory**

**Wheel**  
**GRW1**  
**GRW2**  
**GRW3**

## Wheel Selection



PERFORMA  
FLAT/GREY



PERFORMA  
FLAT/BLACK



PERFORMA  
ROUND/GREY



PERFORMA  
CONDUCTIVE



PERFORMA  
CONDUCTIVE ROUND



MOLDON RUBBER  
CAST IRON OR ALUM.



POLYOLEFIN



MAXIM



ENDURA



MOLDON  
NYLON



POLYURETHANE  
HI-TECH



POLYURETHANE  
ALUMINUM



POLYURETHANE  
CAST IRON



ROUND TREAD  
POLYURETHANE



PHENOLIC



THERMO



FORGED STEEL



CAST IRON



V-GROOVE

## Standard Features

- Attractive zinc plated finish
- 1/4" fork leg thickness
- Full double ball hardened raceways
- 1/2" hollow axle with grease zerker and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 5/16" steel top plate for durability (1/4" rigid top plate)
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

# 6 SERIES • IMPAK • Kingpinless Top Plate Swivel & Rigid • Capacity up to 1500 lbs

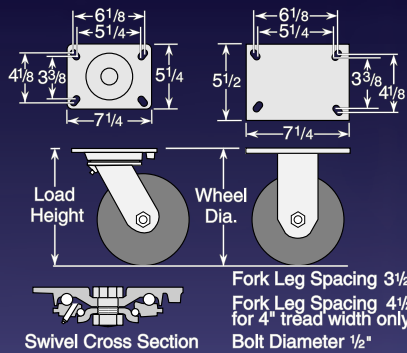
| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 2 lbs) |
|-----------|-------------|------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|---------------------------------|
| 4"        | 2"          | 300                    | Performa Rubber (Conductive Flat)    | 6.04279.459 COND                              | 6.04208.459 COND                             | Ball                                              | 5 5/8       | 3 15/32       | 7 1/4                           |
|           |             | 350                    | Performa Rubber (Flat/Black)         | 6.04279.459.2                                 | 6.04208.459.2                                | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 15/32       | 7 1/4                           |
|           |             |                        | Performa Rubber (Flat/Grey)          | 6.04279.459                                   | 6.04208.459                                  | Delrin, Ball, Prec. Ball                          | 5 5/8       | 3 15/32       | 7 1/4                           |
|           |             | 400                    | Moldon Rubber (Cast iron core)       | 6.04279.649.7                                 | 6.04208.649.7                                | Delrin                                            | 5 5/8       | 3 15/32       | 8                               |
|           |             | 500                    | Polyolefin                           | 6.04279.839                                   | 6.04208.839                                  | Delrin, Plain                                     | 5 5/8       | 3 15/32       | 7 1/4                           |
|           |             | 600                    | Polyurethane HI-TECH                 | 6.04279.929                                   | 6.04208.929                                  | Delrin                                            | 5 5/8       | 3 15/32       | 7 1/2                           |
|           |             | 700                    | Moldon Polyurethane (Aluminum core)  | 6.04279.939                                   | 6.04208.939                                  | Delrin                                            | 5 5/8       | 3 15/32       | 7 1/2                           |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 6.04279.949.7                                 | 6.04208.949.7                                | Delrin                                            | 5 5/8       | 3 15/32       | 9 1/4                           |
|           |             | 800                    | Maxim                                | 6.04279.539                                   | 6.04208.539                                  | Delrin, Bronze                                    | 5 5/8       | 3 15/32       | 5 7/8                           |
|           |             |                        | Phenolic                             | 6.04279.339                                   | 6.04208.339                                  | Delrin                                            | 5 5/8       | 3 15/32       | 7 1/4                           |
|           |             |                        | Thermo                               | 6.04279.839 HT                                | 6.04208.839 HT                               | Plain                                             | 5 5/8       | 3 15/32       | 8 1/4                           |
|           |             |                        | V-Groove                             | 6.04279.739                                   | 6.04208.739                                  | Delrin                                            | 5 5/8       | 3 15/32       | 11                              |
|           |             | 1000                   | Endura Solid Elastomer               | 6.04279.839 EN                                | 6.04208.839 EN                               | Delrin, Prec. Ball                                | 5 5/8       | 3 15/32       | 7 1/4                           |
|           |             |                        | Cast Iron                            | 6.04279.139                                   | 6.04208.139                                  | Delrin                                            | 5 5/8       | 3 15/32       | 9                               |
| 5"        | 2"          | 325                    | Performa Rubber (Conductive Flat)    | 6.05279.459 COND                              | 6.05208.459 COND                             | Ball                                              | 6 1/2       | 3 29/32       | 9                               |
|           |             | 375                    | Performa Rubber (Flat/Black)         | 6.05279.459.2                                 | 6.05208.459.2                                | Delrin, Ball, Prec. Ball                          | 6 1/2       | 3 29/32       | 9                               |
|           |             |                        | Performa Rubber (Flat/Grey)          | 6.05279.459                                   | 6.05208.459                                  | Delrin, Ball, Prec. Ball                          | 6 1/2       | 3 29/32       | 9                               |
|           |             | 400                    | Moldon Rubber (Cast iron core)       | 6.05279.649.7                                 | 6.05208.649.7                                | Delrin                                            | 6 1/2       | 3 29/32       | 8                               |
|           |             | 650                    | Polyolefin                           | 6.05279.839                                   | 6.05208.839                                  | Delrin, Plain                                     | 6 1/2       | 3 29/32       | 9                               |
|           |             | 750                    | Polyurethane HI-TECH                 | 6.05279.929                                   | 6.05208.929                                  | Delrin                                            | 6 1/2       | 3 29/32       | 8 1/2                           |
|           |             | 1000                   | Maxim                                | 6.05279.539                                   | 6.05208.539                                  | Delrin, Bronze                                    | 6 1/2       | 3 29/32       | 6 1/4                           |
|           |             |                        | Endura Solid Elastomer               | 6.05279.839 EN                                | 6.05208.839 EN                               | Delrin, Prec. Ball                                | 6 1/2       | 3 29/32       | 8                               |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 6.05279.939                                   | 6.05208.939                                  | Delrin                                            | 6 1/2       | 3 29/32       | 8 3/4                           |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 6.05279.949.7                                 | 6.05208.949.7                                | Delrin                                            | 6 1/2       | 3 29/32       | 11 1/4                          |
|           |             |                        | Moldon Nylon                         | 6.05279.939.3                                 | 6.05208.939.3                                | Delrin                                            | 6 1/2       | 3 29/32       | 8                               |
|           |             |                        | Phenolic                             | 6.05279.339                                   | 6.05208.339                                  | Delrin                                            | 6 1/2       | 3 29/32       | 8                               |
|           |             |                        | Thermo                               | 6.05279.839 HT                                | 6.05208.839 HT                               | Plain                                             | 6 1/2       | 3 29/32       | 9                               |
|           |             |                        | Cast Iron                            | 6.05279.139                                   | 6.05208.139                                  | Delrin                                            | 6 1/2       | 3 29/32       | 10 3/4                          |
|           |             |                        | Forged Steel                         | 6.05279.239                                   | 6.05208.239                                  | Delrin                                            | 6 1/2       | 3 29/32       | 11 1/4                          |
|           |             | 1500                   | Forged Steel                         | 6.05279.239                                   | 6.05208.239                                  | Delrin                                            | 6 1/2       | 3 29/32       | 11 1/4                          |
| 6"        | 2"          | 410                    | Performa Rubber (Conductive Flat)    | 6.06279.459 COND                              | 6.06208.459 COND                             | Ball                                              | 7 1/2       | 4 11/16       | 7 3/4                           |
|           |             |                        | Performa Rubber (Conductive Round)   | 6.06279.559 COND                              | 6.06208.559 COND                             | Ball                                              | 7 1/2       | 4 11/16       | 7 3/4                           |
|           |             | 450                    | Performa Rubber (Round/Grey)         | 6.06279.559                                   | 6.06208.559                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 11/16       | 7 3/4                           |
|           |             |                        | Moldon Rubber (Cast iron core)       | 6.06279.649.7                                 | 6.06208.649.7                                | Delrin                                            | 7 1/2       | 4 11/16       | 14                              |
|           |             | 600                    | Performa Rubber (Flat/Black)         | 6.06279.459.2                                 | 6.06208.459.2                                | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 11/16       | 7 3/4                           |
|           |             |                        | Performa Rubber (Flat/Grey)          | 6.06279.459                                   | 6.06208.459                                  | Delrin, Ball, Prec. Ball                          | 7 1/2       | 4 11/16       | 7 3/4                           |
|           |             | 700                    | Polyolefin                           | 6.06279.839                                   | 6.06208.839                                  | Delrin, Plain                                     | 7 1/2       | 4 11/16       | 10                              |
|           |             | 900                    | Polyurethane HI-TECH                 | 6.06279.929                                   | 6.06208.929                                  | Delrin                                            | 7 1/2       | 4 11/16       | 9                               |
|           |             | 1100                   | Endura Solid Elastomer               | 6.06279.839 EN                                | 6.06208.839 EN                               | Delrin, Prec. Ball                                | 7 1/2       | 4 11/16       | 9 1/4                           |
|           |             |                        | Maxim                                | 6.06279.539                                   | 6.06208.539                                  | Delrin, Bronze                                    | 7 1/2       | 4 11/16       | 6 5/8                           |
|           |             |                        | Moldon Polyurethane (Aluminum core)  | 6.06279.939                                   | 6.06208.939                                  | Delrin                                            | 7 1/2       | 4 11/16       | 9 1/4                           |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 6.06279.949.7                                 | 6.06208.949.7                                | Delrin                                            | 7 1/2       | 4 11/16       | 12 1/2                          |
|           |             |                        | Moldon Nylon                         | 6.06279.939.3                                 | 6.06208.939.3                                | Delrin                                            | 7 1/2       | 4 11/16       | 9 1/4                           |
|           |             |                        | Phenolic                             | 6.06279.339                                   | 6.06208.339                                  | Delrin                                            | 7 1/2       | 4 11/16       | 9 1/4                           |
|           |             |                        | V-Groove                             | 6.06279.739                                   | 6.06208.739                                  | Delrin                                            | 7 1/2       | 4 11/16       | 12                              |
|           |             |                        | Cast Iron                            | 6.06279.139                                   | 6.06208.139                                  | Delrin                                            | 7 1/2       | 4 11/16       | 12 1/2                          |
|           |             | 1500                   | Forged Steel                         | 6.06279.239                                   | 6.06208.239                                  | Delrin                                            | 7 1/2       | 4 11/16       | 12 1/2                          |
|           |             |                        | Forged Steel                         | 6.06279.239                                   | 6.06208.239                                  | Delrin                                            | 7 1/2       | 4 11/16       | 12 1/2                          |
| 8"        | 2"          | 500                    | Performa Rubber (Conductive Flat)    | 6.08279.459 COND                              | 6.08278.459 COND                             | Ball                                              | 10 1/8      | 6 1/2         | 8 1/2                           |
|           |             |                        | Performa Rubber (Conductive Round)   | 6.08279.559 COND                              | 6.08278.559 COND                             | Ball                                              | 10 1/8      | 6 1/2         | 8 1/2                           |
|           |             |                        | Moldon Rubber (Cast iron core)       | 6.08279.649.7                                 | 6.08278.649.7                                | Delrin                                            | 10 1/8      | 6 1/2         | 16 1/4                          |
|           |             | 600                    | Performa Rubber (Round/Grey)         | 6.08279.559                                   | 6.08278.559                                  | Delrin, Ball, Prec. Ball                          | 10 1/8      | 6 1/2         | 8 1/2                           |
|           |             |                        | Performa Rubber (Flat/Black)         | 6.08279.459.2                                 | 6.08278.459.2                                | Delrin, Ball, Prec. Ball                          | 10 1/8      | 6 1/2         | 8 1/2                           |
|           |             | 675                    | Performa Rubber (Flat/Grey)          | 6.08279.459                                   | 6.08278.459                                  | Delrin, Ball, Prec. Ball                          | 10 1/8      | 6 1/2         | 8 1/2                           |
|           |             |                        | Polyolefin                           | 6.08279.839                                   | 6.08278.839                                  | Delrin, Plain                                     | 10 1/8      | 6 1/2         | 10 1/4                          |
|           |             | 900                    | Polyurethane HI-TECH                 | 6.08279.929                                   | 6.08278.929                                  | Delrin                                            | 10 1/8      | 6 1/2         | 9 1/2                           |
|           |             | 1200                   | Endura Solid Elastomer               | 6.08279.839 EN                                | 6.08278.839 EN                               | Delrin, Prec. Ball                                | 10 1/8      | 6 1/2         | 11 1/2                          |
|           |             |                        | Maxim                                | 6.08279.539                                   | 6.08278.539                                  | Delrin, Bronze                                    | 10 1/8      | 6 1/2         | 7 1/2                           |
|           |             |                        | Phenolic                             | 6.08279.339                                   | 6.08278.339                                  | Delrin                                            | 10 1/8      | 6 1/2         | 11 1/2                          |
|           |             | 1500                   | Moldon Polyurethane (Aluminum core)  | 6.08279.939                                   | 6.08278.939                                  | Delrin                                            | 10 1/8      | 6 1/2         | 11 1/4                          |
|           |             |                        | Moldon Polyurethane (Cast iron core) | 6.08279.949.7                                 | 6.08278.949.7                                | Delrin                                            | 10 1/8      | 6 1/2         | 16 1/4                          |
|           |             |                        | Moldon Nylon                         | 6.08279.939.3                                 | 6.08278.939.3                                | Delrin                                            | 10 1/8      | 6 1/2         | 11 1/4                          |
|           |             |                        | Cast Iron                            | 6.08279.139                                   | 6.08278.139                                  | Delrin                                            | 10 1/8      | 6 1/2         | 16 1/4                          |

**Roller Bearing Options:** Torrington style roller bearing with retainer (Specify **WB19**). Metal cage roller bearing (Specify **WB29**).  
**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).  
**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 6.06279.921). One-piece with steel thrust washers (Specify **WB11**).  
**Ball Bearing Options:** To order change 8th & 9th digit in model number to "65" (Example: 6.06279.465). **Note:** Performa 6" to 8" capacity decreases (See wheel section).  
**Precision Ball Bearings:** To order change 8th and 9th digits to "35" (Example 6.06279.435). Performa round tread, change wheel code to "555".  
**Bronze Bearing Options:** To order change 9th digit in Maxim model number to "4" (Example: 6.06279.534).  
**Plain Bearing Options:** To order change 9th digit to "2" (Example: 6.06279.832).

# 7 SERIES

Capacity up to 3500 lbs each

## Top Plate Swivel & Rigid



### Standard Features

- Attractive zinc plated finish
- Full double ball raceways
- 3/4" solid axle
- 5/16" SAE 1045 drop forged steel top plate, 3/8" rigid
- Heat treated 1" diameter bolt and nut kingpin construction (nut is slotted with cotter pin)
- Heat treated wheel thrust washers
- Grease fittings: wheel bearing and swivel raceway
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options Fork/Wheel Options

**2-Position Hand Activated Swivel Lock**  
(See page 13)

**Lube Options:**  
No Grease  
Double Grease  
300° Continuous  
500° Continuous

**Fork**  
GRF1  
GRF2  
GRF3  
**Consult Factory**

**Wheel**  
GRW1  
GRW2  
GRW3

## Wheel Selection



PERFORMA  
FLAT/BLACK



MOLDON RUBBER  
ALUMINUM CORE



MOLDON RUBBER  
CAST IRON



PHENOLIC



POLYURETHANE  
HI-TECH



POLYURETHANE  
ALUMINUM



POLYURETHANE  
CAST IRON



CAST IRON



FORGED STEEL



V-GROOVE

# 7 SERIES • Top Plate Swivel & Rigid • Capacity up to 3500 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 5 lbs) |
|-----------|-------------|------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|---------------------------------|
| 4"        | 4"          | 3000                   | Cast Iron                            | 7.04609.199                                   | —                                            | Delrin                                            | 6           | 5             | 23                              |
| 5"        | 2 1/2"      | 2000                   | Cast Iron                            | 7.05609.169                                   | —                                            | Delrin                                            | 7           | 5             | 20                              |
| 6"        | 2 1/2"      | 540                    | Moldon Rubber (Aluminum Core)        | 7.06609.669                                   | 7.06608.669                                  | Delrin                                            | 8           | 5 3/4         | 20                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.06609.669.7                                 | 7.06608.669.7                                | Delrin                                            | 8           | 5 3/4         | 25                              |
|           |             | 1600                   | Phenolic                             | 7.06609.369                                   | 7.06608.369                                  | Delrin                                            | 8           | 5 3/4         | 14 3/4                          |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.06609.969.7                                 | 7.06608.969.7                                | Delrin                                            | 8           | 5 3/4         | 21                              |
|           |             | 2500                   | Cast Iron                            | 7.06609.169                                   | 7.06608.169                                  | Delrin                                            | 8           | 5 3/4         | 24                              |
|           |             |                        | V-Groove                             | 7.06609.769                                   | 7.06608.769                                  | Delrin                                            | 8           | 5 3/4         | 24                              |
|           | 3"          | 3500                   | Forged Steel                         | 7.06609.269                                   | 7.06608.269                                  | Delrin                                            | 8           | 5 3/4         | 23                              |
|           |             | 680                    | Moldon Rubber (Aluminum Core)        | 7.06609.679                                   | 7.06608.679                                  | Delrin                                            | 8           | 5 3/4         | 19 3/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.06609.679.7                                 | 7.06608.679.7                                | Delrin                                            | 8           | 5 3/4         | 24 3/4                          |
|           |             | 2000                   | Moldon Polyurethane (Aluminum Core)  | 7.06609.979                                   | 7.06608.979                                  | Delrin                                            | 8           | 5 3/4         | 18 1/2                          |
|           |             |                        | Phenolic                             | 7.06609.379                                   | 7.06608.379                                  | Delrin                                            | 8           | 5 3/4         | 19 3/4                          |
|           |             | 2040                   | Moldon Polyurethane (Cast Iron Core) | 7.06609.979.7                                 | 7.06608.979.7                                | Delrin                                            | 8           | 5 3/4         | 23 1/2                          |
|           |             |                        | V-Groove                             | 7.06609.789                                   | 7.06608.789                                  | Delrin                                            | 8           | 5 3/4         | 36 3/4                          |
|           |             | 3500                   | V-Groove                             | 7.06609.789                                   | 7.06608.789                                  | Delrin                                            | 8           | 5 3/4         | 36 3/4                          |
| 8"        | 2 1/2"      | 670                    | Moldon Rubber (Aluminum Core)        | 7.08609.669                                   | 7.08608.669                                  | Delrin                                            | 10 1/2      | 6 3/4         | 24 3/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.08609.669.7                                 | 7.08608.669.7                                | Delrin                                            | 10 1/2      | 6 3/4         | 29 3/4                          |
|           |             | 1600                   | Cast Iron                            | 7.08609.169                                   | 7.08608.169                                  | Delrin                                            | 10 1/2      | 6 3/4         | 27                              |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.08609.969.7                                 | 7.08608.969.7                                | Delrin                                            | 10 1/2      | 6 3/4         | 28 3/4                          |
|           |             | 2000                   | Phenolic                             | 7.08609.369                                   | 7.08608.369                                  | Delrin                                            | 10 1/2      | 6 3/4         | 21                              |
|           | 3"          | 840                    | Moldon Rubber (Aluminum Core)        | 7.08609.679                                   | 7.08608.679                                  | Delrin                                            | 10 1/2      | 6 3/4         | 26                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.08609.679.7                                 | 7.08608.679.7                                | Delrin                                            | 10 1/2      | 6 3/4         | 31 3/4                          |
|           |             | 2500                   | Phenolic                             | 7.08609.379                                   | 7.08608.379                                  | Delrin                                            | 10 1/2      | 6 3/4         | 19 3/4                          |
|           |             |                        | Moldon Polyurethane (Aluminum Core)  | 7.08609.979                                   | 7.08608.979                                  | Delrin                                            | 10 1/2      | 6 3/4         | 23 1/2                          |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.08609.979.7                                 | 7.08608.979.7                                | Delrin                                            | 10 1/2      | 6 3/4         | 28 1/2                          |
|           |             |                        | Cast Iron                            | 7.08609.179                                   | 7.08608.179                                  | Delrin                                            | 10 1/2      | 6 3/4         | 33                              |
|           |             |                        | V-Groove                             | 7.08609.779                                   | 7.08608.779                                  | Delrin                                            | 10 1/2      | 6 3/4         | 32 3/4                          |
|           |             | 3500                   | Forged Steel                         | 7.08609.279                                   | 7.08608.279                                  | Delrin                                            | 10 1/2      | 6 3/4         | 36                              |
| 10"       | 2 1/2"      | 790                    | Moldon Rubber (Aluminum Core)        | 7.10609.669                                   | 7.10608.669                                  | Delrin                                            | 12 1/2      | 7 1/2         | 29 3/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.10609.669.7                                 | 7.10608.669.7                                | Delrin                                            | 12 1/2      | 7 1/2         | 34 3/4                          |
|           |             | 1000                   | Performa Rubber (Flat Black)         | 7.10609.459.2                                 | 7.10608.459.2                                | Delrin                                            | 12 1/2      | 7 1/2         | 26                              |
|           |             |                        | Polyurethane HI-TECH                 | 7.10609.959                                   | 7.10608.959                                  | Delrin                                            | 12 1/2      | 7 1/2         | 26                              |
|           |             | 1800                   | Cast Iron                            | 7.10609.169                                   | 7.10608.169                                  | Delrin                                            | 12 1/2      | 7 1/2         | 32 3/4                          |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.10609.969.7                                 | 7.10608.969.7                                | Delrin                                            | 12 1/2      | 7 1/2         | 34 3/4                          |
|           | 3"          | 2500                   | Phenolic                             | 7.10609.369                                   | 7.10608.369                                  | Delrin                                            | 12 1/2      | 7 1/2         | 24 1/4                          |
|           |             | 1000                   | Moldon Rubber (Aluminum Core)        | 7.10609.679                                   | 7.10608.679                                  | Delrin                                            | 12 1/2      | 7 1/2         | 35                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.10609.679.7                                 | 7.10608.679.7                                | Delrin                                            | 12 1/2      | 7 1/2         | 40                              |
|           |             | 2900                   | Phenolic                             | 7.10609.379                                   | 7.10608.379                                  | Delrin                                            | 12 1/2      | 7 1/2         | 29                              |
|           |             |                        | Moldon Polyurethane (Aluminum Core)  | 7.10609.979                                   | 7.10608.979                                  | Delrin                                            | 12 1/2      | 7 1/2         | 25 1/2                          |
|           |             | 3000                   | Moldon Polyurethane (Cast Iron Core) | 7.10609.979.7                                 | 7.10608.979.7                                | Delrin                                            | 12 1/2      | 7 1/2         | 30 1/2                          |
|           |             |                        | Cast Iron                            | 7.10609.179                                   | 7.10608.179                                  | Delrin                                            | 12 1/2      | 7 1/2         | 41                              |
|           |             | 3500                   | Forged Steel                         | 7.10609.279                                   | 7.10608.279                                  | Delrin                                            | 12 1/2      | 7 1/2         | 38                              |
| 12"       | 2 1/2"      | 950                    | Moldon Rubber (Aluminum Core)        | 7.12609.669                                   | 7.12608.669                                  | Delrin                                            | 15 1/2      | 9 1/4         | 34                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.12609.669.7                                 | 7.12608.669.7                                | Delrin                                            | 15 1/2      | 9 1/4         | 39                              |
|           |             | 2700                   | Moldon Polyurethane (Cast Iron Core) | 7.12609.969.7                                 | 7.12608.969.7                                | Delrin                                            | 15 1/2      | 9 1/4         | 39 3/4                          |
|           | 3"          | 1140                   | Moldon Rubber (Aluminum Core)        | 7.12609.679                                   | 7.12608.679                                  | Delrin                                            | 15 1/2      | 9 1/4         | 35                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.12609.679.7                                 | 7.12608.679.7                                | Delrin                                            | 15 1/2      | 9 1/4         | 40                              |
|           |             | 1700                   | Performa Rubber (Flat Black)         | 7.12609.459.2                                 | 7.12608.459.2                                | Delrin                                            | 15 1/2      | 9 1/4         | 29 1/2                          |
|           |             |                        | Polyurethane HI-TECH                 | 7.12609.989                                   | 7.12608.989                                  | Delrin                                            | 15 1/2      | 9 1/4         | 29 1/2                          |
|           |             | 3000                   | Cast Iron                            | 7.12609.179                                   | 7.12608.179                                  | Delrin                                            | 15 1/2      | 9 1/4         | 43 3/4                          |
|           |             |                        | Phenolic                             | 7.12609.379                                   | 7.12608.379                                  | Delrin                                            | 15 1/2      | 9 1/4         | 33 1/2                          |
|           |             | 3500                   | Moldon Polyurethane (Aluminum Core)  | 7.12609.979                                   | 7.12608.979                                  | Delrin                                            | 15 1/2      | 9 1/4         | 30 1/4                          |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.12609.979.7                                 | 7.12608.979.7                                | Delrin                                            | 15 1/2      | 9 1/4         | 35 1/4                          |

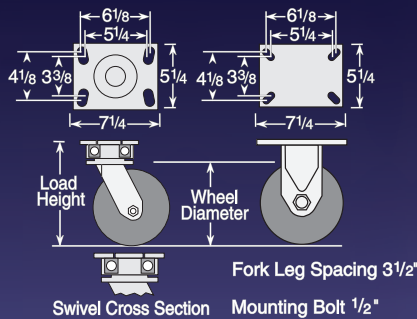
**Delrin Bearing Options:** For standard two-piece bearing change 9th digit to "1" (Example: 7.06609.661).

**Sealed Wheels:** Neoprene lip type seals vulcanized to bearing retainer washer. Available on roller bearing wheels only (Specify WSR3).

# 7 SERIES enForcer

Capacity up to 4500 lbs each

## Kingpinless Top Plate Swivel & Rigid



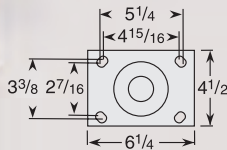
### Standard Features

- Attractive zinc plated finish
- Single ball hardened swivel raceway construction
- 3/4" solid axle with nut
- 5/16" steel top plate
- Formed fork legs feature robotic welding inside and out for consistent quality
- Fork legs 5/16" thick x 2 1/2" wide
- Recessed zerck grease fitting on swivel raceway to prevent damage, grease fitting on wheel bearing for easy maintenance
- Multi-temp grease lubricates in extreme hot and cold temperatures

## Performance Options

### Optional Top Plates

# 2 Top Plate  
(Specify **MTG2**).



### Caster Brake

**Tread Lock** (See page 13)  
Available on all swivel casters except V-Groove models (Specify **BRK1**).

### Fork/Wheel Options

**Hand Activated Swivel Lock** (See page 13).

**Nut Option: NT1** Thick lock nut

**Optional Load Heights:**

| Wheel Dia. | Load Ht. | Swi. Rad. | Specify |
|------------|----------|-----------|---------|
| 6"         | 8"       | 47/8      | LH8.0   |
| 8"         | 10 1/2"  | 65/8      | LH10.5  |
| 10"        | 12 1/2"  | 8 1/8     | LH12.5  |
| 12"        | 15 1/2"  | 10 1/8    | LH15.5  |

## Wheel Selection



PERFORMA  
FLAT/BLACK



MOLDON RUBBER  
ALUMINUM CORE



MOLDON RUBBER  
CAST IRON



PHENOLIC



POLYURETHANE  
HI-TECH



POLYURETHANE  
ALUMINUM



POLYURETHANE  
CAST IRON



CAST IRON



FORGED STEEL



V-GROOVE

# 7 SERIES ENFORCER • Kingpinless Top Plate Swivel & Rigid • Capacity up to 4500 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 5 lbs) |
|-----------|-------------|------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|---------------------------------|
| 6"        | 2 1/2"      | 540                    | Moldon Rubber (Aluminum Core)        | 7.06689.669                                   | 7.06688.669                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 11                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.06689.669.7                                 | 7.06688.669.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 16                              |
|           |             | 1600                   | Phenolic                             | 7.06689.369                                   | 7.06688.369                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 13 1/2                          |
|           |             | 1620                   | Moldon Polyurethane (Cast Iron Core) | 7.06689.969.7                                 | 7.06688.969.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 18 1/4                          |
|           |             | 2500                   | Cast Iron                            | 7.06689.169                                   | 7.06688.169                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 20                              |
|           |             |                        | V-Groove                             | 7.06689.769                                   | 7.06688.769                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 24                              |
|           |             | 4000                   | Forged Steel                         | 7.06689.269                                   | 7.06688.269                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 24                              |
|           | 3"          | 680                    | Moldon Rubber (Aluminum Core)        | 7.06689.679                                   | 7.06688.679                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 12                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.06689.679.7                                 | 7.06688.679.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 17                              |
|           |             | 2000                   | Moldon Polyurethane (Aluminum Core)  | 7.06689.979                                   | 7.06688.979                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 14 1/4                          |
|           |             |                        | Phenolic                             | 7.06689.379                                   | 7.06688.379                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 14 1/4                          |
|           |             | 2040                   | Moldon Polyurethane (Cast Iron Core) | 7.06689.979.7                                 | 7.06688.979.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 19 1/4                          |
|           |             | 4500                   | V-Groove                             | 7.06689.789                                   | 7.06688.789                                  | Delrin, Roller                                    | 7 1/2       | 4 3/4         | 21 1/4                          |
| 8"        | 2 1/2"      | 670                    | Moldon Rubber (Aluminum Core)        | 7.08689.669                                   | 7.08688.669                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 14                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.08689.669.7                                 | 7.08688.669.7                                | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 19                              |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.08689.969.7                                 | 7.08688.969.7                                | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 23                              |
|           |             | 2000                   | Phenolic                             | 7.08689.369                                   | 7.08688.369                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 15 1/2                          |
|           |             | 2500                   | Cast Iron                            | 7.08689.169                                   | 7.08688.169                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 23 1/4                          |
|           | 3"          | 840                    | Moldon Rubber (Aluminum Core)        | 7.08689.679                                   | 7.08688.679                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 19 3/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.08689.679.7                                 | 7.08688.679.7                                | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 24 3/4                          |
|           |             |                        | Phenolic                             | 7.08689.379                                   | 7.08688.379                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 16 1/2                          |
|           |             |                        | Moldon Polyurethane (Aluminum Core)  | 7.08689.979                                   | 7.08688.979                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 23 3/4                          |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.08689.979.7                                 | 7.08688.979.7                                | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 27 3/4                          |
|           |             |                        | Cast Iron                            | 7.08689.179                                   | 7.08688.179                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 27 3/4                          |
|           |             |                        | V-Groove                             | 7.08689.779                                   | 7.08688.779                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 31 1/4                          |
|           |             | 4500                   | Forged Steel                         | 7.08689.279                                   | 7.08688.279                                  | Delrin, Roller                                    | 10 1/8      | 6 9/16        | 31 1/4                          |
| 10"       | 2 1/2"      | 790                    | Moldon Rubber (Aluminum Core)        | 7.10689.669                                   | 7.10688.669                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 19 1/2                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.10689.669.7                                 | 7.10688.669.7                                | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 24 1/2                          |
|           |             | 1000                   | Performa Rubber (Flat Black)         | 7.10689.459.2                                 | 7.10688.459.2                                | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 18 1/4                          |
|           |             | 1200                   | Polyurethane HI-TECH                 | 7.10689.959                                   | 7.10688.959                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 18 1/4                          |
|           |             | 1800                   | Cast Iron                            | 7.10689.169                                   | 7.10688.169                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 29                              |
|           |             | 2300                   | Moldon Polyurethane (Cast Iron Core) | 7.10689.969.7                                 | 7.10688.969.7                                | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 31 1/4                          |
|           | 3"          | 2500                   | Phenolic                             | 7.10689.369                                   | 7.10688.369                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 19 1/2                          |
|           |             |                        | Moldon Rubber (Aluminum Core)        | 7.10689.679                                   | 7.10688.679                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 20 1/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.10689.679.7                                 | 7.10688.679.7                                | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 25 1/4                          |
|           |             | 2900                   | Phenolic                             | 7.10689.379                                   | 7.10688.379                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 19 1/2                          |
|           |             |                        | Moldon Polyurethane (Aluminum Core)  | 7.10689.979                                   | 7.10688.979                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 26 1/2                          |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 7.10689.979.7                                 | 7.10688.979.7                                | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 31 1/2                          |
|           |             |                        | Cast Iron                            | 7.10689.179                                   | 7.10688.179                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 31 1/2                          |
|           |             | 4500                   | Forged Steel                         | 7.10689.279                                   | 7.10688.279                                  | Delrin, Roller                                    | 11 1/2      | 7 5/8         | 37 1/2                          |
| 12"       | 2 1/2"      | 950                    | Moldon Rubber (Aluminum Core)        | 7.12689.669                                   | 7.12688.669                                  | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 22 1/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.12689.669.7                                 | 7.12688.669.7                                | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 27 1/4                          |
|           |             | 2700                   | Moldon Polyurethane (Cast Iron Core) | 7.12689.969.7                                 | 7.12688.969.7                                | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 26 1/2                          |
|           | 3"          | 1140                   | Moldon Rubber (Aluminum Core)        | 7.12689.679                                   | 7.12688.679                                  | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 23 3/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 7.12689.679.7                                 | 7.12688.679.7                                | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 28 3/4                          |
|           |             |                        | Performa Rubber (Flat Black)         | 7.12689.459.2                                 | 7.12688.459.2                                | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 22 1/4                          |
|           |             |                        | Polyurethane HI-TECH                 | 7.12689.989                                   | 7.12688.989                                  | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 22 1/4                          |
|           |             | 3000                   | Cast Iron                            | 7.12689.179                                   | 7.12688.179                                  | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 35 3/4                          |
|           |             |                        | Phenolic                             | 7.12689.379                                   | 7.12688.379                                  | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 24 3/4                          |
|           |             |                        | Moldon Polyurethane (Aluminum Core)  | 7.12689.979                                   | 7.12688.979                                  | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 35                              |
|           |             | 3500                   | Moldon Polyurethane (Cast Iron Core) | 7.12689.979.7                                 | 7.12688.979.7                                | Delrin, Roller                                    | 13 1/2      | 9 1/8         | 40                              |

**Roller Bearing Options:** Metal cage roller bearing (Specify **WB29**).

**Roller Bearing Washer Options:** Metal thrust & retainer washers (Specify **WSR1**). Sintered iron step washers (Specify **WSR2**). Sealed metal retainer washer (Specify **WSR3**).

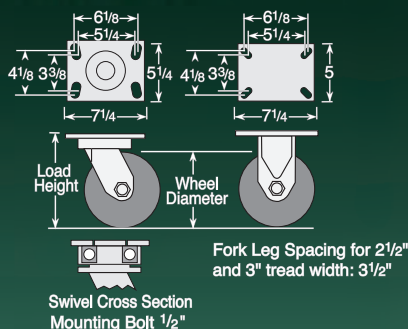
**Delrin Bearing Options:** For standard two-piece bearing change ninth digit to "1" (Example: 7.12679.981).

7 SERIES

# 8 SERIES *enForcer*

Capacity up to 8000 lbs each

## Kingpinless Top Plate Swivel & Rigid



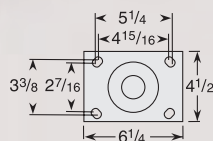
### Standard Features

- Attractive zinc plated finish
- Single ball hardened swivel raceway construction
- 3/4" solid axle with nut
- 3/8" steel top plate
- Formed fork legs feature robotic welding inside and out for consistent quality
- Fork legs 3/8" thick x 3" wide
- Recessed zerK grease fitting on swivel raceway to prevent damage, grease fitting on wheel bearing for easy maintenance
- Multi-temp grease lubricates in extreme hot and cold temperatures

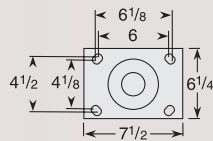
## Performance Options

### Optional Top Plates (Consult Factory)

# 2 Top Plate  
(Specify MTG2).



# 3 Top Plate  
(Specify MTG3).



### Caster Brake

**Tread Lock** (See page 12)  
Available on all swivel casters except V-Groove models  
(Specify BRK1).

### Fork/Wheel Options

**Hand Activated Swivel Lock** (See page 13)

**Nut Option:** NT1 Thick lock nut

**Optional Load Heights:**

| Wheel Dia. | Load Ht. | Swi. Rad. | Specify |
|------------|----------|-----------|---------|
| 6"         | 8"       | 47/8      | LH8.0   |
| 8"         | 10 1/2"  | 65/8      | LH10.5  |
| 10"        | 12 1/2"  | 8 1/8     | LH12.5  |
| 12"        | 15 1/2"  | 10 1/8    | LH15.5  |

## Wheel Selection



PERFORMA  
FLAT/BLACK



MOLDON RUBBER  
ALUMINUM CORE



MOLDON RUBBER  
CAST IRON



PHENOLIC



POLYURETHANE  
HI-TECH



POLYURETHANE  
ALUMINUM



POLYURETHANE  
CAST IRON



CAST IRON



FORGED STEEL



V-GROOVE

# 8 SERIES ENFORCER • Kingpinless Top Plate Swivel & Rigid • Capacity up to 8000 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height | Swivel Radius | Weight lbs (Rigid Deduct 5 lbs) |
|-----------|-------------|------------------------|--------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|-------------|---------------|---------------------------------|
| 6"        | 2 1/2"      | 540                    | Moldon Rubber (Aluminum Core)        | 8.06689.669                                   | 8.06688.669                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 11                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.06689.669.7                                 | 8.06688.669.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 16                              |
|           |             | 1600                   | Phenolic                             | 8.06689.369                                   | 8.06688.369                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 13 1/2                          |
|           |             | 1620                   | Moldon Polyurethane (Cast Iron Core) | 8.06689.969.7                                 | 8.06688.969.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 18 1/4                          |
|           |             | 2500                   | Cast Iron                            | 8.06689.169                                   | 8.06688.169                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 20                              |
|           |             |                        | V-Groove                             | 8.06689.769                                   | 8.06688.769                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 20                              |
|           |             | 4000                   | Forged Steel                         | 8.06689.269                                   | 8.06688.269                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 24                              |
|           | 3"          | 680                    | Moldon Rubber (Aluminum Core)        | 8.06689.679                                   | 8.06688.679                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 12                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.06689.679.7                                 | 8.06688.679.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 17                              |
|           |             | 2000                   | Moldon Polyurethane (Aluminum Core)  | 8.06689.979                                   | 8.06688.979                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 14 1/4                          |
|           |             |                        | Phenolic                             | 8.06689.379                                   | 8.06688.379                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 14 1/4                          |
|           |             | 2040                   | Moldon Polyurethane (Cast Iron Core) | 8.06689.979.7                                 | 8.06688.979.7                                | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 19 1/4                          |
|           |             | 8000                   | V-Groove                             | 8.06689.789                                   | 8.06688.789                                  | Delrin, Roller                                    | 7 1/2       | 4 3/8         | 21 1/4                          |
| 8"        | 2 1/2"      | 670                    | Moldon Rubber (Aluminum Core)        | 8.08689.669                                   | 8.08688.669                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 14                              |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.08689.669.7                                 | 8.08688.669.7                                | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 19                              |
|           |             | 2000                   | Moldon Polyurethane (Cast Iron Core) | 8.08689.969.7                                 | 8.08688.969.7                                | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 23                              |
|           |             | 2500                   | Phenolic                             | 8.08689.369                                   | 8.08688.369                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 15 1/2                          |
|           |             |                        | Cast Iron                            | 8.08689.169                                   | 8.08688.169                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 23 1/4                          |
|           |             |                        |                                      | 8.08689.169                                   | 8.08688.169                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 19 3/4                          |
|           | 3"          | 840                    | Moldon Rubber (Aluminum Core)        | 8.08689.679                                   | 8.08688.679                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 19 3/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.08689.679.7                                 | 8.08688.679.7                                | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 24 3/4                          |
|           |             | 2500                   | Phenolic                             | 8.08689.379                                   | 8.08688.379                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 16 1/2                          |
|           |             |                        | Moldon Polyurethane (Aluminum Core)  | 8.08689.979                                   | 8.08688.979                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 23 3/4                          |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 8.08689.979.7                                 | 8.08688.979.7                                | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 27 3/4                          |
|           |             |                        | Cast Iron                            | 8.08689.179                                   | 8.08688.179                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 27 3/4                          |
|           |             | 4500                   | Forged Steel                         | 8.08689.279                                   | 8.08688.279                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 31 1/4                          |
|           |             | 2500                   | V-Groove                             | 8.06689.779                                   | 8.06688.779                                  | Delrin, Roller                                    | 10 1/8      | 6 3/16        | 31 1/4                          |
| 10"       | 2 1/2"      | 790                    | Moldon Rubber (Aluminum Core)        | 8.10689.669                                   | 8.10688.669                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 19 1/2                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.10689.669.7                                 | 8.10688.669.7                                | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 24 1/2                          |
|           |             | 1000                   | Performa Rubber (Flat Black)         | 8.10689.459.2                                 | 8.10688.459.2                                | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 18 1/4                          |
|           |             | 1200                   | Polyurethane HI-TECH                 | 8.10689.959                                   | 8.10688.959                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 18 1/4                          |
|           |             | 1800                   | Cast Iron                            | 8.10689.169                                   | 8.10688.169                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 29                              |
|           |             | 2300                   | Moldon Polyurethane (Cast Iron Core) | 8.10689.969.7                                 | 8.10688.969.7                                | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 31 1/4                          |
|           | 3"          | 2500                   | Phenolic                             | 8.10689.369                                   | 8.10688.369                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 19 1/2                          |
|           |             | 1000                   | Moldon Rubber (Aluminum Core)        | 8.10689.679                                   | 8.10688.679                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 20 1/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.10689.679.7                                 | 8.10688.679.7                                | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 25 1/4                          |
|           |             |                        | Phenolic                             | 8.10689.379                                   | 8.10688.379                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 19 1/2                          |
|           |             |                        | Moldon Polyurethane (Aluminum Core)  | 8.10689.979                                   | 8.10688.979                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 26 1/2                          |
|           |             | 3000                   | Moldon Polyurethane (Cast Iron Core) | 8.10689.979.7                                 | 8.10688.979.7                                | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 31 1/2                          |
|           |             |                        | Cast Iron                            | 8.10689.179                                   | 8.10688.179                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 31 1/2                          |
|           |             | 4500                   | Forged Steel                         | 8.10689.279                                   | 8.10688.279                                  | Delrin, Roller                                    | 11 1/2      | 7 3/8         | 37 1/2                          |
| 12"       | 2 1/2"      | 950                    | Moldon Rubber (Aluminum Core)        | 8.12689.669                                   | 8.12688.669                                  | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 22 1/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.12689.669.7                                 | 8.12688.669.7                                | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 27 1/4                          |
|           |             | 2700                   | Moldon Polyurethane (Cast Iron Core) | 8.12689.969.7                                 | 8.12688.969.7                                | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 26 1/2                          |
|           | 3"          | 1140                   | Moldon Rubber (Aluminum Core)        | 8.12689.679                                   | 8.12688.679                                  | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 23 3/4                          |
|           |             |                        | Moldon Rubber (Cast Iron Core)       | 8.12689.679.7                                 | 8.12688.679.7                                | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 28 3/4                          |
|           |             | 1700                   | Performa Rubber (Flat Black)         | 8.12689.459.2                                 | 8.12688.459.2                                | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 22 1/4                          |
|           |             |                        | Polyurethane HI-TECH                 | 8.12689.989                                   | 8.12688.989                                  | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 22 1/4                          |
|           |             | 3000                   | Cast Iron                            | 8.12689.179                                   | 8.12688.179                                  | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 35 3/4                          |
|           |             |                        | Phenolic                             | 8.12689.379                                   | 8.12688.379                                  | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 24 3/4                          |
|           |             | 3500                   | Moldon Polyurethane (Aluminum Core)  | 8.12689.979                                   | 8.12688.979                                  | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 35                              |
|           |             |                        | Moldon Polyurethane (Cast Iron Core) | 8.12689.979.7                                 | 8.12688.979.7                                | Delrin, Roller                                    | 13 1/2      | 8 7/8         | 40                              |

Roller Bearing Options: Metal cage roller bearing (Specify **WB29**).

Roller Bearing Washer Options: Metal thrust & retainer washers (Specify **WSR1**).

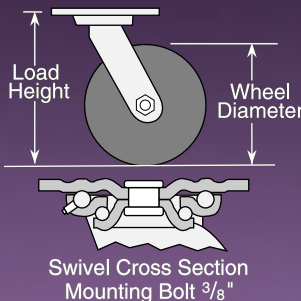
Delrin Bearing Options: For standard two-piece bearing change ninth digit to "1" (Example: 7.12679.981).

8 SERIES

# Pneumatic Casters

## Standard Features

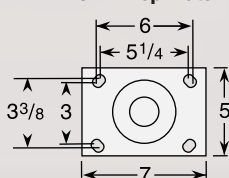
- Zinc plated finish is attractive and durable
- Full double ball raceways for better performance and greater durability
- Grease holes on wheel bearing for greater convenience
- "Colson 45" multi-temp grease lubricates in extreme hot and cold temperatures



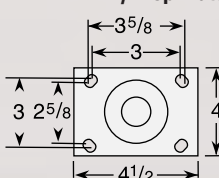
## Pneumatic Caster Options

**Top Plate Options** (See chart below for both options).

**5 x 7 Top Plate**



**4 x 4 1/2 Top Plate**



**Side Lock Brake.** Available on swivel casters. Larger foot pedal makes brake easier to operate and provides better foot placement. To order with caster specify "BRK3". To field install, order part number 05093.44PN for 8", 05093.45PN for 10" models.



| Wheel Dia.                        | Tire Size   | Capacity Each (Pounds) | Wheel Descriptions | Tire Pressure | Wheel Bearing | Swivel Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|-----------------------------------|-------------|------------------------|--------------------|---------------|---------------|----------------------------|-------------------------------|-------------|---------------|-----------------|
| <b>5" x 7" Top Plate Size</b>     |             |                        |                    |               |               |                            |                               |             |               |                 |
| <b>8"</b>                         | 2.8-2.5 x 4 | 300                    | 4-Ply Saw Tooth    | 50 PSI        | Ball          | 4.08319.93                 | 4.08318.93                    | 10 1/8      | 6 3/4         | 9               |
| <b>10"</b>                        | 4.1-3.5 x 4 | 350                    | 4-Ply Saw Tooth    | 50 PSI        | Ball          | 4.10319.93                 | 4.10318.93                    | 12 1/2      | 8 1/4         | 10              |
| <b>4" x 4 1/2" Top Plate Size</b> |             |                        |                    |               |               |                            |                               |             |               |                 |
| <b>8"</b>                         | 2.8-2.5 x 4 | 300                    | 4-Ply Saw Tooth    | 50 PSI        | Ball          | 4.08119.93                 | 4.08118.93                    | 10 1/8      | 6 3/4         | 9               |
| <b>10"</b>                        | 4.1-3.5 x 4 | 350                    | 4-Ply Saw Tooth    | 50 PSI        | Ball          | 4.10119.93                 | 4.10118.93                    | 12 1/2      | 8 1/4         | 10              |
| <b>12"</b>                        | 4.1-3.5 x 6 | 350                    | 4-Ply Rib Tread    | 50 PSI        | Ball          | 4.12119.93                 | 4.12118.93                    | 14 1/2      | 9 1/2         | 10              |

## Casters for Special Applications

With more than 35,000 different casters, Colson probably has the caster you need as standard. However, if you have a unique problem that requires a special caster, Colson engineers will work with you to design a practical solution. Contact us with your special requirements.



Available in zinc and black oxide finishes with a polyurethane spring. Fits most Colson 2-Series wheel types and diameter sizes from 2.5" through 5".



Special threaded stem caster used on food service equipment (03089177980 brake model, 03089.06177980 non-brake model).



Plain stem caster with 2" diameter wheel for use on mobile safety ladders (030017178694 black tread model, 0300188182698 grey tread model).



Caster with conductive rubber wheel used on missile stands.



Dual pneumatic caster with brake and swivel lock. Found on airport cargo handling systems.



Shock absorbing caster used on floor cleaning machines (03164.95 fork model, 03164.96 complete caster).

# Business Machine Casters

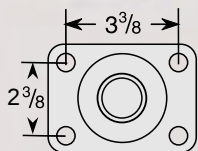


## Standard Features

- Corrosion resistant Zinc finish
- Hardened double ball raceways
- Operating temperature rating -45°F to 180°F
- Ultra-tough, thermoplastic wheel, resists hard impacts and supports high dynamic loads

## Performance Options

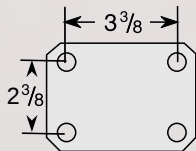
### Top Plate Sizes



700 lb Top Plate

### Caster Brake

Consult factory for Brake Options.



1200 lb Top Plate

## Business Machine Casters · Capacity up to 1200 lbs

| Wheel Dia | Tread Width | Capacity Each (Pounds) | Wheel Descriptions | Wheel Bearing | Swivel Top Plate Caster Models | Load Height | Swivel Radius | Weight lbs |
|-----------|-------------|------------------------|--------------------|---------------|--------------------------------|-------------|---------------|------------|
| 3"        | 1 13/16"    | 500                    | Glass Filled Nylon | Roller        | S4.3305.351                    | 4 1/8       | 2 3/4         | 3          |
|           |             | 700                    | Glass Filled Nylon | Roller        | S4.3307.351                    | 4 1/8       | 2 3/4         | 4 3/4      |
|           |             | 1200                   | Glass Filled Nylon | Roller        | S4.3312.351                    | 4 1/8       | 2 1/2         | 5          |

SPECIALTY CASTERS

## NEXT GENERATION NYLON (NG) AND NYLON PLUS STAINLESS (NS)

### TOP PLATE MODELS

FREE SWIVEL • TOTAL LOCK • DIRECTION LOCK



### APPLICATIONS

- Food Service Equipment
- Case Carts
- Utility Carts
- Medical Equipment
- Institutional Equipment
- Hospital Carts
- Animal Cage Carts



Custom Colors Available



Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

### FEATURES

- Maintenance free
- Sealed precision bearing raceway, smooth and quiet
- Total Lock Brake models lock both swivel and wheel
- Directional lock models lock swivel only (helps with steering)
- Wheels feature sealed precision ball bearings and full thread guards
- Resistance to most chemicals
- Zinc plated top plate
- Recessed axle with plastic cap covers

Our NG series is made of glass filled nylon for added strength and durability. Precision ball bearings are insert molded into the swivel raceway.

Our NS series is similar to NG Series but with the added benefit of 304 stainless components making it excellent for wet environments.

### SWIVEL TOP PLATE MODELS

Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

| Wheel Diameter (Inches) | Tread Width (Inches) | Wheel Description  | Capacity (Lbs) | Load Height Inches (mm) | Swivel Radius Inches (mm) | Wheel Bearing  | Model Number         |
|-------------------------|----------------------|--------------------|----------------|-------------------------|---------------------------|----------------|----------------------|
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/32" (109)           | 2-13/16" (72)             | Precision Ball | NG-03QDP-125-SW-TP01 |
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/32" (109)           | 2-13/16" (72)             | Plain          | NG-03QDO-125-SW-TP01 |
| 3                       | 1-1/4                | Anti-Microbial TPR | 200            | 4-9/32" (109)           | 2-13/16" (72)             | Precision Ball | NG-03AMP-125-SW-TP01 |
| 4                       | 1-1/4                | QuikStart TPR      | 275            | 5-9/16" (141)           | 3-1/2" (89)               | Precision Ball | NG-04QDP-125-SW-TP01 |
| 4                       | 1-1/4                | Anti-Microbial TPR | 275            | 5-9/16" (141)           | 3-1/2" (89)               | Precision Ball | NG-04AMP-125-SW-TP01 |
| 5                       | 1-1/4                | QuikStart TPR      | 325            | 6-7/8" (174)            | 3-1/2" (89)               | Precision Ball | NG-05QDP-125-SW-TP01 |
| 5                       | 1-1/4                | Anti-Microbial TPR | 325            | 6-7/8" (174)            | 3-1/2" (89)               | Precision Ball | NG-05AMP-125-SW-TP01 |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-11/16" (194)          | 4-5/8" (117)              | Precision Ball | NG-06QDP-125-SW-TP01 |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-11/16" (194)          | 4-5/8" (117)              | Plain          | NG-06QDO-125-SW-TP01 |
| 6                       | 1-1/4                | Anti-Microbial TPR | 325            | 7-11/16" (194)          | 4-5/8" (117)              | Precision Ball | NG-06AMP-125-SW-TP01 |



**Swivel Top Plate Total Lock Models**, change 11th and 12th digits to **TL**. (Example: NG-03QDP-125-**TL**-TP01)

**Swivel Top Plate Directional Lock Models**, change 11th and 12th digits to **DL**. (Example: NG-03QDP-125-**DL**-TP01)

**For Nylon Plus Stainless**, change 1st and 2nd digits to **NS**. (Example: **NS**-03QDP-125-SW-TP01)

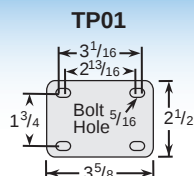
**Anti-Static** models available! Change Series code from "NG" to "NA". Example: **NA**-03QDP-125-SW-TP01

**Rigid** model available for 5" and 6" diameter wheels. Change SW to RG.

**316SS** fittings available for non-magnetic applications. Consult factory.

### TOP PLATE FITTING

Swivel Top  
Plate Pattern



Anti-Static



Stainless



Total Lock



Directional  
Lock



## NEXT GENERATION NYLON (NG) AND NYLON PLUS STAINLESS (NS)

### HOLLOW KINGPIN MODELS

FREE SWIVEL • TOTAL LOCK • DIRECTION LOCK



#### APPLICATIONS

- Food Service Equipment
- Case Carts
- Utility Carts
- Medical Equipment
- Institutional Equipment
- Hospital Carts
- Animal Cage Carts



Custom Colors Available



Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

#### FEATURES

- Maintenance free
- Sealed precision bearing raceway, smooth and quiet
- Total Lock Brake models lock both swivel and wheel
- Directional lock models lock swivel only (helps with steering)
- Wheels feature sealed precision ball bearings and full thread guards
- Resistance to most chemicals
- Zinc plated top plate
- Recessed axle with plastic cap covers

Our NG series is made of glass filled nylon for added strength and durability. Precision ball bearings are insert molded into the swivel raceway.

Our NS series is similar to NG Series but with the added benefit of 304 stainless components making it excellent for wet environments.

### HOLLOW KINGPIN MODELS

Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

| Wheel Diameter (Inches) | Tread Width (Inches) | Wheel Description  | Capacity (Lbs) | Load Height Inches (mm) | Swivel Radius Inches (mm) | Wheel Bearing  | Model Number         |
|-------------------------|----------------------|--------------------|----------------|-------------------------|---------------------------|----------------|----------------------|
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Precision Ball | NG-03QDP-125-SW-HKU1 |
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Plain          | NG-03QDO-125-SW-HKU1 |
| 3                       | 1-1/4                | Anti-Microbial TPR | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Precision Ball | NG-03AMP-125-SW-HKU1 |
| 4                       | 1-1/4                | QuikStart TPR      | 275            | 5-13/32" (137)          | 3-1/2" (89)               | Precision Ball | NG-04QDP-125-SW-HKU1 |
| 4                       | 1-1/4                | Anti-Microbial TPR | 275            | 5-13/32" (137)          | 3-1/2" (89)               | Precision Ball | NG-04AMP-125-SW-HKU1 |
| 5                       | 1-1/4                | QuikStart TPR      | 325            | 6-1/2" (165)            | 3-1/2" (89)               | Precision Ball | NG-05QDP-125-SW-HKU1 |
| 5                       | 1-1/4                | Anti-Microbial TPR | 325            | 6-1/2" (165)            | 3-1/2" (89)               | Precision Ball | NG-05AMP-125-SW-HKU1 |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Precision Ball | NG-06QDP-125-SW-HKU1 |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Plain          | NG-06QDO-125-SW-HKU1 |
| 6                       | 1-1/4                | Anti-Microbial TPR | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Precision Ball | NG-06AMP-125-SW-HKU1 |



**Hollow Kingpin Total Lock Models**, change 11th and 12th digits to **TL**. (Example: NG-03QDP-125-**TL**-HKU1)

**Hollow Kingpin Directional Lock Models**, change 11th and 12th digits to **DL**. (Example: NG-03QDP-125-**DL**-HKU1)

**For Nylon Plus Stainless**, change 1st and 2nd digits to **NS**. (Example: **NS**-03QDP-125-SW-HKU1)

**Anti-Static** models available! Change Series code from "NG" to "NA". Example: **NA**-03QDP-125-SW-HKU1

Our Directional Lock casters are designed to lock the swivel but not the wheel allowing you to steer your equipment. The directional lock feature is designed to break free under heavier load when the unit is traversing a corner only to lock back into position when the unit resumes a straight course.

**316SS** fittings available for non-magnetic applications. Consult factory.

### HOLLOW KINGPIN

Caster is provided unassembled to make it easy to add your choice of fitting. If you would like these assembled change HKU1 to HK01. 1/2 I.D.



Anti-Static



Stainless



Total Lock



Directional Lock

**MedCaster**

SPECIALTY CASTERS

## NEXT GENERATION NYLON (NG)

### GRIP RING STEM MODELS

FREE SWIVEL • TOTAL LOCK • DIRECTION LOCK



- APPLICATIONS**
- Food Service Equipment
  - Case Carts
  - Utility Carts
  - Medical Equipment
  - Institutional Equipment
  - Hospital Carts
  - Animal Cage Carts



Custom Colors Available



Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

- FEATURES**
- Maintenance free
  - Sealed precision bearing raceway, smooth and quiet
  - Total Lock Brake models lock both swivel and wheel
  - Directional lock models lock swivel only (helps with steering)
  - Wheels feature sealed precision ball bearings and full thread guards
  - Resistance to most chemicals
  - Zinc plated top plate
  - Recessed axle with plastic cap covers

Our NG series is made of glass filled nylon for added strength and durability. Precision ball bearings are insert molded into the swivel raceway.

### GRIP RING STEM MODELS

Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

| Wheel Diameter (Inches) | Tread Width (Inches) | Wheel Description  | Capacity (Lbs) | Load Height Inches (mm) | Swivel Radius Inches (mm) | Wheel Bearing  | Model Number       |
|-------------------------|----------------------|--------------------|----------------|-------------------------|---------------------------|----------------|--------------------|
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Precision Ball | NG-03QDP-125-SW-__ |
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Plain          | NG-03QDO-125-SW-__ |
| 3                       | 1-1/4                | Anti-Microbial TPR | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Precision Ball | NG-03AMP-125-SW-__ |
| 4                       | 1-1/4                | QuikStart TPR      | 275            | 5-13/32" (137)          | 3-1/2" (89)               | Precision Ball | NG-04QDP-125-SW-__ |
| 4                       | 1-1/4                | Anti-Microbial TPR | 275            | 5-13/32" (137)          | 3-1/2" (89)               | Precision Ball | NG-04AMP-125-SW-__ |
| 5                       | 1-1/4                | QuikStart TPR      | 325            | 6-1/2" (165)            | 3-1/2" (89)               | Precision Ball | NG-05QDP-125-SW-__ |
| 5                       | 1-1/4                | Anti-Microbial TPR | 325            | 6-1/2" (165)            | 3-1/2" (89)               | Precision Ball | NG-05AMP-125-SW-__ |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Precision Ball | NG-06QDP-125-SW-__ |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Plain          | NG-06QDO-125-SW-__ |
| 6                       | 1-1/4                | Anti-Microbial TPR | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Precision Ball | NG-06AMP-125-SW-__ |



**Grip Ring Stem Total Lock Models**, change 11th and 12th digits to **TL**. (Example: NG-03QDP-125-TL-\_\_)

**Grip Ring Stem Directional Lock Models**, change 11th and 12th digits to **DL**. (Example: NG-03QDP-125-DL-\_\_)

**Anti-Static** models available! Change Series code from "NG" to "NA". Example: NA-03QDP-125-SW-GR02



Specify Grip Ring Stem (GR) code, see fittings below for dimensions.

### GRIP RING STEM FITTINGS

See fittings page for more options.

| GR02    | GR04   | GR05   | GR07   | GR09    | GR10   |
|---------|--------|--------|--------|---------|--------|
| 1-7/16" | 1-5/8" | 1-5/8" | 1-7/8" | 2-3/16" | 1-3/8" |
| 7/16"   | 5/8"   | 3/4"   | 1"     | .845"   | .716"  |



# NEXT GENERATION NYLON (NG) AND NYLON PLUS STAINLESS (NS)

## THREADED STEM MODELS

FREE SWIVEL • TOTAL LOCK • DIRECTION LOCK

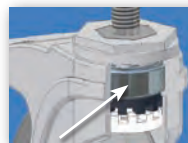


### APPLICATIONS

- Food Service Equipment
- Case Carts
- Utility Carts
- Medical Equipment
- Institutional Equipment
- Hospital Carts
- Animal Cage Carts



Custom Colors Available



Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

### FEATURES

- Maintenance free
- Sealed precision bearing raceway, smooth and quiet
- Total Lock Brake models lock both swivel and wheel
- Directional lock models lock swivel only (helps with steering)
- Wheels feature sealed precision ball bearings and full thread guards
- Resistance to most chemicals
- Zinc plated top plate
- Recessed axle with plastic cap covers

Our NG series is made of glass filled nylon for added strength and durability. Precision ball bearings are insert molded into the swivel raceway.

Our NS series is similar to NG Series but with the added benefit of 304 stainless components making it excellent for wet environments.

## THREADED STEM MODELS

Precision sealed ball bearing raceway design for smooth, quiet maintenance free ride.

| Wheel Diameter (Inches) | Tread Width (Inches) | Wheel Description  | Capacity (Lbs) | Load Height Inches (mm) | Swivel Radius Inches (mm) | Wheel Bearing  | Model Number       |
|-------------------------|----------------------|--------------------|----------------|-------------------------|---------------------------|----------------|--------------------|
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Precision Ball | NG-03QDP-125-SW-__ |
| 3                       | 1-1/4                | QuikStart TPR      | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Plain          | NG-03QDO-125-SW-__ |
| 3                       | 1-1/4                | Anti-Microbial TPR | 200            | 4-9/64" (105)           | 3-3/4" (95)               | Precision Ball | NG-03AMP-125-SW-__ |
| 4                       | 1-1/4                | QuikStart TPR      | 275            | 5-13/32" (137)          | 3-1/2" (89)               | Precision Ball | NG-04QDP-125-SW-__ |
| 4                       | 1-1/4                | Anti-Microbial TPR | 275            | 5-13/32" (137)          | 3-1/2" (89)               | Precision Ball | NG-04AMP-125-SW-__ |
| 5                       | 1-1/4                | QuikStart TPR      | 325            | 6-1/2" (165)            | 3-1/2" (89)               | Precision Ball | NG-05QDP-125-SW-__ |
| 5                       | 1-1/4                | Anti-Microbial TPR | 325            | 6-1/2" (165)            | 3-1/2" (89)               | Precision Ball | NG-05AMP-125-SW-__ |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Precision Ball | NG-06QDP-125-SW-__ |
| 6                       | 1-1/4                | QuikStart TPR      | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Plain          | NG-06QDO-125-SW-__ |
| 6                       | 1-1/4                | Anti-Microbial TPR | 325            | 7-1/2" (191)            | 4-5/8" (117)              | Precision Ball | NG-06AMP-125-SW-__ |



**Threaded Stem Total Lock Models**, change 11th and 12th digits to **TL**. (Example: NG-03QDP-125-TL-\_\_)

**Threaded Stem Directional Lock Models**, change 11th and 12th digits to **DL**. (Example: NG-03QDP-125-DL-\_\_)

**For Nylon Plus Stainless**, change 1st and 2nd digits to **NS**. (Example: **NS**-03QDP-125-SW-\_\_)

**Anti-Static** models available! Change Series code from "NG" to "NA". Example: **NA**-03QDP-125-SW-TP01

**316SS** fittings available for non-magnetic applications. Consult factory.

Our Directional Lock casters are designed to lock the swivel but not the wheel allowing you to steer your equipment. The directional lock feature is designed to break free under heavier load when the unit is traversing a corner only to lock back into position when the unit resumes a straight course.

Specify Threaded Stem (TS) code, see fittings below for dimensions:

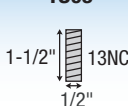
## THREADED STEM FITTINGS

Easy to install stem. See fittings page for more options.

**TS02**



**TS03**



**TS05**



Anti-Static



Stainless



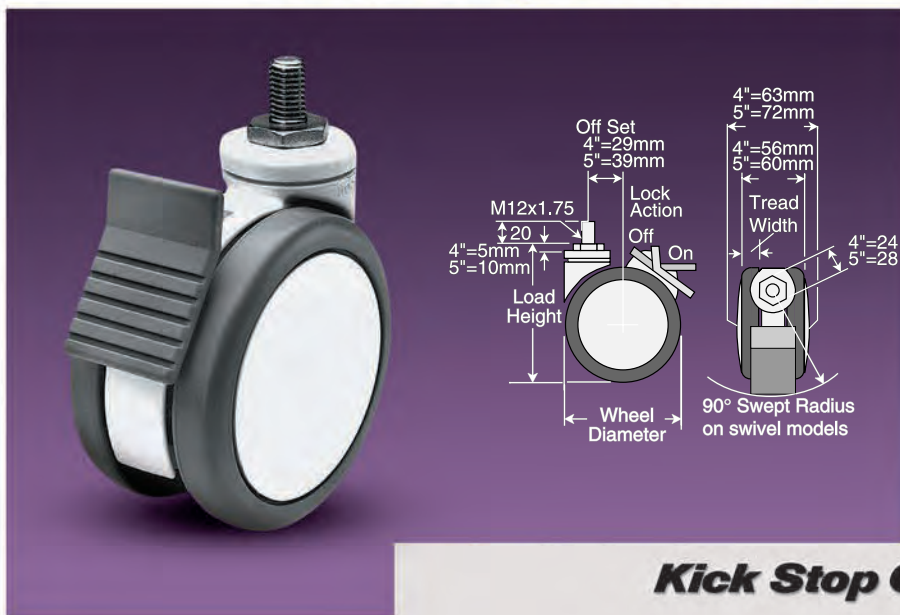
Total Lock



Directional Lock

**MedCaster**

## Kick Stop® Casters



### Standard Features

- Foot brake easily engaged; mechanically locks both swivel and wheel rotation
- Strong pressure diecast metal construction for lasting performance and maximum reliability
- Precision axle built to exacting tolerances for smooth operation and extended service life
- Aluminum die cast body and wheel centers
- Standard finish is white or ball burnished and lacquered

### Kick Stop Casters

Colson Kick Stop casters give you the benefits of twin-wheel design with the convenience of a foot brake to lock both wheel and swivel simultaneously. This modern design features two wheels that spin independently of each other for easier turning in tight spots and for improved stability. Custom colors are available to match your equipment (Consult factory).

#### Applications

- Medical and diagnostic equipment
- Computer equipment
- Electronic equipment
- High-tech products

### Kick Stop Casters • Capacity up to 175 lbs

| Wheel Diameter     | Tread Width      | Capacity Per Caster | Wheel Type                 | Bearing          | Model Number                 |                              | Fitting Type                          | Approx. Wt.ea.      | Load Height                                  | Swivel Radius                                                                                             |
|--------------------|------------------|---------------------|----------------------------|------------------|------------------------------|------------------------------|---------------------------------------|---------------------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------|
|                    |                  |                     |                            |                  | Kick Stop                    | Free Swivel                  |                                       |                     |                                              |                                                                                                           |
| <b>3"</b><br>75mm  | 19/32"<br>(15mm) | 132lbs<br>(70kg)    | Grey Polyurethane          | Delrin           | 2.3502.409.8                 | 2.3504.409.8                 | Threaded<br>M10x1.5mm<br>x15mm long   | .77 lb<br>(.35kg)   | 3 <sup>37</sup> / <sub>64</sub> "<br>(91mm)  | 2 <sup>9</sup> / <sub>16</sub> "<br>(65mm)                                                                |
|                    |                  |                     | Black Polyurethane         | Delrin           | 2.3502.409.7                 | 2.3504.409.7                 |                                       |                     |                                              |                                                                                                           |
| <b>4"</b><br>100mm | 19/32"<br>(15mm) | 132lbs<br>(70kg)    | Black Rubber (Anti-static) | Roller           | 2.4502.409.4                 | 2.4504.409.4                 | Threaded<br>M12x1.75mm<br>x20mm long  | 1.78 lbs<br>(.81kg) | 4 <sup>3</sup> / <sub>4</sub> "<br>(120mm)   | Total Lock<br>3 <sup>9</sup> / <sub>16</sub> "<br>(90mm) Swivel<br>3 <sup>1</sup> / <sub>8</sub> " (79mm) |
|                    |                  |                     | Grey Rubber                | Roller<br>Delrin | 2.4502.409.1<br>2.4502.401.1 | 2.4504.409.1<br>2.4504.401.1 |                                       |                     |                                              |                                                                                                           |
| <b>5"</b><br>125mm | 5/8"<br>(16mm)   | 175lbs<br>(80kg)    | Black Rubber (Anti-static) | Roller           | 2.5502.409.4                 | 2.5504.409.4                 | Threaded<br><br>M16x2mm<br>x20mm long | 3 lbs<br>(1.36kg)   | 5 <sup>13</sup> / <sub>16</sub> "<br>(148mm) | Total Lock<br>and Swivel<br>4 <sup>3</sup> / <sub>16</sub> "<br>(106mm)                                   |
|                    |                  |                     | Grey Rubber                | Roller<br>Delrin | 2.5502.409.1<br>2.5502.401.1 | 2.5504.409.1<br>2.5504.401.1 |                                       |                     |                                              |                                                                                                           |

**Note:** Kick Stop casters have improved load capacity with harder wheel types. Consult factory. Changes to above caster specifications can be considered to suit individual requirements. Such modifications may depend on the size of order and are subject to special quotation and delivery. All specifications and dimensions are accurate for present manufacture but subject to change without notice. Kick Stop casters are covered by worldwide patents and designs.

# Contour Solus Casters



## Standard Features

- Foot brake easily engaged; mechanically locks both swivel and wheel rotation
- Aluminum shell hides nuts and bolts
- Quiet operation
- Precision axle built to exacting tolerance for smooth operation and extended life
- Precision bearings reduce maintenance and improve maneuverability
- Choose from a wide variety of colors

## Contour Solus Casters

These Euro-Design casters combine a sleek, modern look with the functionality of the Total Lock brake mechanism. With a simple press of the foot, you can lock both wheel and swivel simultaneously in any position. Another press of the foot releases the caster for free swiveling and rolling ease in any direction (Free swivel models also are available which have no braking action).

The unique shell design of the Contour Solus helps keep dirt out of the internal mechanism of the caster for a long service life. For routine maintenance, the outer shell can be removed from the caster for access to the internal braking mechanism.

### Applications:

- Medical and diagnostic equipment
- Computer equipment
- Electronic equipment
- High-tech products

## Contour Solus Casters • Capacity up to 242 lbs

| Wheel Diameter | Tread Width                                 | Capacity Per Caster | Wheel Type        | Bearing          | Model Number          |                      | Fitting Type                        | Approx. Wt. ea.                               | Load Height                                  | Swivel Radius                                |
|----------------|---------------------------------------------|---------------------|-------------------|------------------|-----------------------|----------------------|-------------------------------------|-----------------------------------------------|----------------------------------------------|----------------------------------------------|
|                |                                             |                     |                   |                  | Kick Stop             | Free Swivel          |                                     |                                               |                                              |                                              |
| 4"<br>100mm    | 1 <sup>15</sup> / <sub>32</sub> "<br>(30mm) | 220lbs<br>(100kg)   | Grey Polyurethane | Sealed Precision | 32-4402-404-64-700-85 | 32-4404-404-64-01-85 | M10 x 15 mm long screwed pin fixing | 1 <sup>5</sup> / <sub>8</sub> lbs<br>(.79kg)  | 5 <sup>19</sup> / <sub>32</sub> "<br>(142mm) | 3 <sup>15</sup> / <sub>16</sub> "<br>(100mm) |
| 5"<br>125mm    | 1 <sup>21</sup> / <sub>32</sub> "<br>(32mm) | 242lbs<br>(110kg)   | Grey Polyurethane | Sealed Precision | 32-5402-404-07-700-85 | 32-5404-404-07-01-85 | M12 x 20 mm long screwed pin fixing | 2 <sup>5</sup> / <sub>8</sub> lbs<br>(1.30kg) | 6 <sup>13</sup> / <sub>16</sub> "<br>(173mm) | 4 <sup>15</sup> / <sub>16</sub> "<br>(125mm) |

# Performa Rubber Wheels



Get the rolling and swiveling ease of a hard tread wheel and the smooth, quiet ride of a soft tread wheel.

- **Absorbs shock to provide a cushion ride that protects your equipment, cargo and floors**
- **Superior impact resistance (better than cast iron core moldon rubber wheels)**
- **Resists “flat spotting” even when equipment rests under a load over time**
- **Silent operating to prevent distracting and annoying wheel noise**
- **Handles tough environments (inside or outside) without corrosion**
- **Maximum low temperature flexibility for superior performance even in freezing temperatures**
- **Maximum resistance to chemicals, acids, bases, alcohols, water and steam**
- **Makes your equipment easier to handle and more responsive**
- **Lasting performance even in the most punishing applications**



## **USE THE PERFORMA WHEEL IN APPLICATIONS**

- **Factories**
- **Hospitals**
- **Schools**
- **Restaurants**
- **Warehouses**
- **And more!**

***The applications are endless. Performa wheels are at home any place equipment must move easily and efficiently. Colson Performa is truly a multi-purpose wheel loaded with maximum performance features.***

### **Custom Colors Available** (Consult Factory)



### **Conductive Wheels Available**



Maximum impact resistance and shock absorption help protect equipment, cargo and floors



Performa wheels handle tough environments—inside or outside, in hot or cold temperatures—without corrosion.



Performa wheels reject floor debris including metal shavings, chips, sand and gravel.



**WHEEL SELECTION**

## Performa Rubber Wheels

**Capacity up to 325 lbs each • 1-2 SERIES • Flat Grey Tread**



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris

such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 65(±5) Durometer Shore A scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 1 5/8"     | 7/8"        | 60                     | Delrin  | 1.00001.441        | 5/16"        | 1/2"              | 1 1/32"    | —               | —       | —                                          | 1/4             |
| 2"         | 7/8"        | 75                     | Delrin  | 1.00002.441        | 5/16"        | 1/2"              | 1 1/32"    | —               | —       | —                                          | 1/4             |
| 2 1/2"     | 1 1/4"      | 140                    | Delrin  | 2.00002.441        | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | —                                          | 1/4             |
|            |             |                        | Ball    | 2.00002.445        | 3/8"         | —                 | 1 1/2"     | —               | —       | —                                          | 3/8             |
| 3"         | 7/8"        | 125                    | Delrin  | 1.00003.441        | 7/16"        | 39/64"            | 1 1/32"    | 5/16"           | 1 7/64" | TG1: 57852.03                              | 1/4             |
| 3 1/2"     | 1 1/4"      | 250                    | Delrin  | 2.00003.441        | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57854.01                              | 3/8             |
|            |             |                        | Ball    | 2.00003.445        | 3/8"         | —                 | 1 1/2"     | —               | —       | TG2: 57852.39                              | 1/2             |
| 4"         | 7/8"        | 135                    | Delrin  | 1.00004.441        | 7/16"        | 39/64"            | 1 1/32"    | 5/16"           | 1 7/64" | —                                          | 1/4             |
|            | 1 1/4"      | 300                    | Delrin  | 2.00004.441        | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57854.01                              | 5/8             |
|            |             |                        | Ball    | 2.00004.445        | 3/8"         | —                 | 1 1/2"     | —               | —       |                                            | 3/4             |
| 5"         | 7/8"        | 145                    | Delrin  | 1.00005.441        | 7/16"        | 39/64"            | 1 1/32"    | 5/16"           | 1 7/64" | TG2: 57852.42                              | 1/4             |
|            | 1 1/4"      | 325                    | Delrin  | 2.00005.441        | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57866.03                              | 3/4             |
|            |             |                        | Ball    | 2.00005.445        | 3/8"         | —                 | 1 1/2"     | —               | —       | TG2: 57852.43                              | 7/8             |

### New Performa Shopping Cart Caster Wheel



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing     | Wheel Model Number | Wheel Bearing Bore | Wheel Hub Length | Thread Guard Option | Weight (Pounds) | Hardness:                             |
|------------|-------------|------------------------|-------------|--------------------|--------------------|------------------|---------------------|-----------------|---------------------------------------|
| 5"         | 1 1/4"      | 225                    | Sealed Ball | 2.00005.448        | 5/16"              | 1 5/8"           | TG2                 | 3/4             | 75(±5)<br>Durometer<br>Shore A scale. |



**Capacity up to 250 lbs each • 2 SERIES • Round Grey Tread**

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3 1/2"     | 1 5/16"     | 210                    | Delrin  | 2.00003.561        | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2" | —                                          | 1/2             |
|            |             |                        | Ball    | 2.00003.565        | 3/8"         | —                 | 1 1/2"     | —               | —      | —                                          | 5/8             |
| 5"         | 1 5/16"     | 250                    | Delrin  | 2.00005.561        | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2" | TG1: 57854.01                              | 7/8             |
|            |             |                        | Ball    | 2.00005.565        | 3/8"         | —                 | 1 1/2"     | —               | —      | TG2: 57852.39                              | 1               |

#### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify "WB01B"
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic)
- Custom colors to match your equipment (consult factory)

## Performa Rubber Wheels

**Capacity up to 675 lbs each • 3-5 SERIES • Flat Grey Tread**

Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris

such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 65(±5) Durometer Shore A scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3"         | 1 1/2"      | 250                    | Delrin  | 3.00003.441        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 3/4             |
|            |             |                        | Roller  | 3.00003.449        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1               |
|            |             |                        | Delrin  | 4.00003.441        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 3/4             |
|            |             |                        | Roller  | 4.00003.449        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1               |
| 4"         | 1 1/2"      | 325                    | Delrin  | 3.00004.441        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1               |
|            |             |                        | Roller  | 3.00004.449        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 1/4           |
|            |             |                        | Delrin  | 4.00004.441        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1               |
|            |             |                        | Roller  | 4.00004.449        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 1/4           |
|            | 2"          | 350                    | Delrin  | 5.00004.451        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 1/4           |
|            |             |                        | Roller  | 5.00004.459        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 1/2           |
|            |             |                        | Ball    | 5.00004.465        | 1/2"         | 13/16"            | 27/16"     | —               | —      | —                                          | 1 1/2           |
|            |             |                        |         |                    |              |                   |            |                 |        |                                            |                 |
| 5"         | 1 1/2"      | 350                    | Delrin  | 3.00005.441        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 1/4           |
|            |             |                        | Roller  | 3.00005.449        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 1/2           |
|            |             |                        | Delrin  | 4.00005.441        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 1/4           |
|            |             |                        | Roller  | 4.00005.449        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 1/2           |
|            | 2"          | 375                    | Ball    | 5.00005.465        | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 57852.35                              | 1 1/2           |
|            |             |                        | Delrin  | 5.00005.451        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG2: 57852.34                              | 1 1/2           |
|            |             |                        | Roller  | 5.00005.459        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 1/2           |
|            |             |                        |         |                    |              |                   |            |                 |        |                                            |                 |
| 6"         | 1 1/2"      | 375                    | Delrin  | 3.00006.441        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 1/2           |
|            |             |                        | Roller  | 3.00006.449        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 3/4           |
|            |             |                        | Delrin  | 4.00006.441        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 1/2           |
|            |             |                        | Roller  | 4.00006.449        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 3/4           |
|            | 2"          | 500                    | Ball    | 5.00006.465        | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 59042.07                              | 1 3/4           |
|            |             | 600                    | Delrin  | 5.00006.451        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG2: 57852.29                              | 1 3/4           |
|            |             |                        | Roller  | 5.00006.459        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 3/4           |
|            |             |                        |         |                    |              |                   |            |                 |        |                                            |                 |
| 8"         | 1 1/2"      | 500                    | Delrin  | 4.00008.441        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 2 1/4           |
|            |             |                        | Roller  | 4.00008.449        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 2 1/4           |
|            |             | 500                    | Ball    | 5.00008.465        | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 57852.04                              | 2 1/2           |
|            | 2"          | 675                    | Delrin  | 5.00008.451        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG2: 57852.30                              | 2 1/2           |
|            |             |                        | Roller  | 5.00008.459        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 2 1/2           |
|            |             |                        |         |                    |              |                   |            |                 |        |                                            |                 |
|            |             |                        |         |                    |              |                   |            |                 |        |                                            |                 |
|            |             |                        |         |                    |              |                   |            |                 |        |                                            |                 |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- **PerformaPlus** Precision Sealed Ball Bearing (2" tread width): To order, change 8th digit in wheel model to **3**. Example 5.00006.435
- Metal cage roller bearing: Specify **"WB29"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic)
- Custom colors to match your equipment (consult factory)

## Performa Rubber Wheels

Capacity up to 1700 lbs each • 5-7 SERIES • Flat Black Tread



Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water

and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 65(±5) Durometer Shore A scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 4"         | 2"          | 350                    | Ball    | 5.00004.465.2      | 1/2"         | 13/16"            | 27/16"     | —               | —      | —                                          | 1 1/2           |
|            |             |                        | Delrin  | 5.00004.451.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 1/4           |
|            |             |                        | Roller  | 5.00004.459.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 1/2           |
| 5"         | 2"          | 375                    | Ball    | 5.00005.465.2      | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 57852.35<br>TG2: 57852.34             | 1 1/2           |
|            |             |                        | Delrin  | 5.00005.451.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 1/2           |
|            |             |                        | Roller  | 5.00005.459.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 1/2           |
| 6"         | 2"          | 500                    | Ball    | 5.00006.465.2      | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 59042.07<br>TG2: 57852.29             | 1 3/4           |
|            |             | 600                    | Delrin  | 5.00006.451.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 3/4           |
|            |             |                        | Roller  | 5.00006.459.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 3/4           |
| 8"         | 2"          | 500                    | Ball    | 5.00008.465.2      | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 57852.04<br>TG2: 57852.30             | 2 1/2           |
|            |             | 675                    | Delrin  | 5.00008.451.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 2 1/2           |
|            |             |                        | Roller  | 5.00008.459.2      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 2 1/2           |
| 10"        | 2 1/2"      | 1000                   | Delrin  | 7.00010.451.2      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 6               |
|            |             |                        | Roller  | 7.00010.459.2      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 6 1/4           |
| 12"        | 3"          | 1700                   | Delrin  | 7.00012.451.2      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 7               |
|            |             |                        | Roller  | 7.00012.459.2      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 7 1/2           |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- **PerformaPlus** Precision Sealed Ball Bearing (2" tread width): To order, change 8th digit in wheel model to **3**. Example 5.00006.435
- Metal cage roller bearing: Specify **"WB29"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic)
- Custom colors to match your equipment (consult factory)

## Performa Rubber Wheels

### Capacity up to 600 lbs each • 5 SERIES • Round Grey Tread

Performa wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Performa rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water

and steam, and rejects floor debris such as metal shavings. Thermoplastic elastomer tread is permanently bonded to ribbed polyolefin wheel core.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 65(±5) Durometer Shore A scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 6"         | 2"          | 450                    | Ball    | 5.00006.565        | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 59042.07                              | 15/8            |
|            |             |                        | Delrin  | 5.00006.551        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG2: 57852.29                              | 15/8            |
|            |             |                        | Roller  | 5.00006.559        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 15/8            |
| 8"         | 2"          | 500                    | Ball    | 5.00008.565        | 1/2"         | 13/16"            | 27/16"     | —               | —      | TG1: 57852.04                              | 21/4            |
|            |             | 600                    | Delrin  | 5.00008.551        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG2: 57852.30                              | 21/4            |
|            |             |                        | Roller  | 5.00008.559        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 21/4            |

#### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- **PerformaPlus** Precision Sealed Ball Bearing : To order, change last 3 digits in model number to **"555"** Example: 5.00006.**555**
- Metal cage roller bearing: Specify **"WB29"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**
- Thread Guards: Specify **"TG1"** (metal), **"TG2"** (plastic)
- Custom colors to match your equipment (consult factory)

WHEEL SELECTION

## Performa Conductive Rubber Wheels

**Capacity up to 250 lbs each • 2 SERIES • Flat Grey Tread**



Many computer manufacturers and electronics companies require conductive wheels on assembly carts to eliminate static build-up and discharge. Although conductive caster wheels have existed for years, almost all of them mark floors. Colson has solved this problem with our new selection of Performa Conductive Wheels. These new models combine a soft cushion ride with a non-marking tread design. All wheels

feature a cushion grey Performa tread (durometer 65±5 Shore A scale) bonded to a black Polyolefin wheel core. Performa Conductive wheels have been rigorously tested and approved by an independent lab and meet the requirements of federal specification FF-C-88C. This specification requires an average electrical resistance of less than 250,000 ohms. For other wheel sizes, please consult factory for availability.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 2 1/2"     | 1 1/4"      | 125                    | Ball    | 2.00002.445 COND   | 3/8"         | —                 | 1 1/2"     | —               | —      | —                                          | 3/8             |
| 3 1/2"     | 1 1/4"      | 225                    | Ball    | 2.00003.445 COND   | 3/8"         | —                 | 1 1/2"     | —               | —      | —                                          | 1/2             |
| 4"         | 1 1/4"      | 250                    | Ball    | 2.00004.445 COND   | 3/8"         | —                 | 1 1/2"     | —               | —      | —                                          | 3/4             |
| 5"         | 1 1/4"      | 250                    | Ball    | 2.00005.445 COND   | 3/8"         | —                 | 1 1/2"     | —               | —      | —                                          | 7/8             |

**Note:** Extended delivery item. Consult Factory.



**Capacity up to 250 lbs each • 2 SERIES • Round Grey Tread**

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3 1/2"     | 1 5/16"     | 210                    | Ball    | 2.00003.565 COND   | 3/8"         | —                 | 1 1/2"     | —               | —      | —                                          | 5/8             |
| 5"         | 1 5/16"     | 250                    | Ball    | 2.00005.565 COND   | 3/8"         | —                 | 1 1/2"     | —               | —      | —                                          | 1               |

**Note:** Extended delivery item. Consult Factory.

### IMPORTANT NOTICE

AS OIL IS INJURIOUS TO COMPOUNDS AND IMPAIRS THE ELECTRICAL CONDUCTIVITY OF THESE PRODUCTS, CONTACT WITH OIL SHOULD BE AVOIDED. CONDUCTIVE CHARACTERISTICS OF THE TREAD COMPOUNDS MAY DECREASE WITH, AMONG OTHER THINGS, SERVICE AND CONTACT WITH LUBRICANTS, WAXES, POLISHES AND CLEANING MATERIALS USED FOR FLOOR MAINTENANCE. SINCE COLSON HAS NO CONTROL OVER THESE CONDITIONS, NO WARRANTIES, EXPRESS OR IMPLIED, OF EITHER MERCHANTABILITY, FITNESS OR OTHERWISE WITH RESPECT TO THE CONTINUING LEVEL OF CONDUCTIVITY OF THE PRODUCT, ARE MADE.

## Performa Conductive Rubber Wheels

**Capacity up to 500 lbs each • 3-5 SERIES • Flat Grey Tread**

Many computer manufacturers and electronics companies require conductive wheels on assembly carts to eliminate static build-up and discharge. Although conductive caster wheels have existed for years, almost all of them mark floors. Colson has solved this problem with our new selection of Performa Conductive Wheels. These new models combine a soft cushion ride with a non-marking tread design. All wheels

feature a cushion grey Performa tread (durometer 65±5 Shore A scale) bonded to a black Polyolefin wheel core. Performa Conductive wheels have been rigorously tested and approved by an independent lab and meet the requirements of federal specification FF-C-88C. This specification requires an average electrical resistance of less than 250,000 ohms. For other wheel sizes, please consult factory for availability.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3"         | 1 1/2"      | 225                    | Roller  | 4.00003.449 COND   | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1               |
| 4"         | 1 1/2"      | 255                    | Roller  | 3.00004.449 COND   | 3/4"         | 13/16"            | 23/16"     | 3/8"            | 17/8"  | —                                          | 1 1/4           |
|            |             |                        | Roller  | 4.00004.449 COND   | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 1/4           |
|            | 2"          | 300                    | Ball    | 5.00004.465 COND   | 1/2"         | 13/16"            | 27/16"     | —               | —      | —                                          | 1 1/2           |
|            |             |                        | Roller  | 5.00004.459 COND   | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 1/2           |
| 5"         | 1 1/2"      | 280                    | Roller  | 3.00005.449 COND   | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 1/4           |
|            |             |                        | Roller  | 4.00005.449 COND   | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 1/4           |
|            | 2"          | 325                    | Ball    | 5.00005.465 COND   | 1/2"         | 13/16"            | 27/16"     | —               | —      | —                                          | 1 1/2           |
|            |             |                        | Roller  | 5.00005.459 COND   | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 1/2           |
| 6"         | 1 1/2"      | 300                    | Roller  | 3.00006.449 COND   | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 3/4           |
|            |             |                        | Roller  | 4.00006.449 COND   | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1 3/4           |
|            | 2"          | 410                    | Ball    | 5.00006.465 COND   | 1/2"         | 13/16"            | 23/16"     | —               | —      | —                                          | 1 3/4           |
|            |             |                        | Roller  | 5.00006.459 COND   | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 3/4           |
| 8"         | 1 1/2"      | 350                    | Roller  | 4.00008.449 COND   | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 2 1/4           |
|            | 2"          | 500                    | Ball    | 5.00008.465 COND   | 1/2"         | 13/16"            | 23/16"     | —               | —      | —                                          | 2 1/4           |
|            |             |                        | Roller  | 5.00008.459 COND   | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 2 1/2           |

**Note:** Extended delivery item. Consult Factory.

## Capacity up to 500 lbs each • 5 SERIES • Round Grey Tread

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 6"         | 2"          | 410                    | Ball    | 5.00006.565 COND   | 1/2"         | 13/16"            | 27/16"     | —               | —      | —                                          | 1 5/8           |
|            |             |                        | Roller  | 5.00006.559 COND   | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1 5/8           |
| 8"         | 2"          | 500                    | Ball    | 5.00008.565 COND   | 1/2"         | 13/16"            | 23/16"     | —               | —      | —                                          | 2 1/4           |
|            |             |                        | Roller  | 5.00008.559 COND   | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 2 1/2           |

**Note:** Extended delivery item. Consult Factory.

### IMPORTANT NOTICE

AS OIL IS INJURIOUS TO COMPOUNDS AND IMPAIRS THE ELECTRICAL CONDUCTIVITY OF THESE PRODUCTS, CONTACT WITH OIL SHOULD BE AVOIDED. CONDUCTIVE CHARACTERISTICS OF THE TREAD COMPOUNDS MAY DECREASE WITH, AMONG OTHER THINGS, SERVICE AND CONTACT WITH LUBRICANTS, WAXES, POLISHES AND CLEANING MATERIALS USED FOR FLOOR MAINTENANCE. SINCE COLSON HAS NO CONTROL OVER THESE CONDITIONS, NO WARRANTIES, EXPRESS OR IMPLIED, OF EITHER MERCHANTABILITY, FITNESS OR OTHERWISE WITH RESPECT TO THE CONTINUING LEVEL OF CONDUCTIVITY OF THE PRODUCT, ARE MADE.

## Performa Rubber Handtruck Wheels

### Capacity up to 350 lbs each • 4 SERIES • Flat Tread



**Center Hub Design.** Light weight, high performance handtruck wheels that roll longer, quieter and smoother without marking floors.

The exclusive wheel design features: • Zerk fitting for wheel bearing • Maximum rolling ease for greater maneuverability on the job • Exclusive wheel tread material won't pick up gravel or floor debris • Performs better than a pneumatic tire...yet never goes flat! • Maximum shock absorption for a cushion ride • Will not flat

spot...even underload! • Superior weather resistance and lower temperature flexibility • High resistance to chemicals, acids, water and steam.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 55(±5) Shore A Scale.

| Black Tread Models |             |                        | Bearing | Wheel Model Number | Specify Bore Code | Wheel        |                   | Hub                 |                     | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|--------------------|-------------|------------------------|---------|--------------------|-------------------|--------------|-------------------|---------------------|---------------------|--------------------------------------------|-----------------|
| Wheel Dia.         | Tread Width | Capacity Each (Pounds) |         |                    |                   | Bearing Bore | Bore Less Bearing | Length Less Bearing | Length With Bearing |                                            |                 |
| 8"                 | 1 1/2"      | 350                    | None    | 4.00008.486.2      | None              | N/A          | 1 3/8"            | 1 5/8"              | 1 7/8"              | —                                          | 2 1/4           |
|                    |             |                        | Ball    | 4.00008.485.2      | WB625             | 5/8"         | 1 3/8"            | 1 5/8"              | 1 7/8"              | —                                          | 2 1/4           |
|                    |             |                        | Ball    | 4.00008.485.2      | WB750             | 3/4"         | 1 3/8"            | 1 5/8"              | 1 7/8"              | —                                          | 2 1/4           |
| Grey Tread Models  |             |                        |         |                    |                   |              |                   |                     |                     |                                            |                 |
| 8"                 | 1 1/2"      | 350                    | None    | 4.00008.486        | None              | N/A          | 1 3/8"            | 1 5/8"              | 1 7/8"              | —                                          | 2 1/4           |
|                    |             |                        | Ball    | 4.00008.485        | WB625             | 5/8"         | 1 3/8"            | 1 5/8"              | 1 7/8"              | —                                          | 2 1/4           |
|                    |             |                        | Ball    | 4.00008.485        | WB750             | 3/4"         | 1 3/8"            | 1 5/8"              | 1 7/8"              | —                                          | 2 1/4           |

Centered hub design.

## Capacity up to 350 lbs each • 5 SERIES • Round Tread

**Offset hub design.** Light weight, high performance handtruck wheels that roll longer, quieter and smoother without marking floors.

The exclusive wheel design features: • Zerk fitting for wheel bearing • Maximum rolling ease for greater maneuverability on the job • Exclusive wheel tread material won't pick up gravel or floor debris • Performs better than a pneumatic tire...yet never goes flat! • Maximum shock absorption for a cushion ride • Will not flat

spot...even underload! • Superior weather resistance and lower temperature flexibility • High resistance to chemicals, acids, water and steam.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 55(±5) Shore A Scale.

Consult factory for 500 lbs capacity wheel.

| Black Tread Models |             |                        | Bearing | Wheel Model Number | Specify Bore Code | Wheel             |                                 | Hub                             |                     | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds)               |
|--------------------|-------------|------------------------|---------|--------------------|-------------------|-------------------|---------------------------------|---------------------------------|---------------------|--------------------------------------------|-------------------------------|
| Wheel Dia.         | Tread Width | Capacity Each (Pounds) |         |                    |                   | Bearing Bore      | Bore Less Bearing               | Length Less Bearing             | Length With Bearing |                                            |                               |
| 8"                 | 2"          | 500                    | None    | 5.00008.586.2      | None              | N/A               | 1 <sup>3</sup> / <sub>8</sub> " | 1 <sup>3</sup> / <sub>4</sub> " | N/A                 | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.585.2      | WB625             | 5/ <sub>8</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 1 <sup>3</sup> / <sub>4</sub> " | 2"                  | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.585.2      | WB750             | 3/ <sub>4</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 1 <sup>3</sup> / <sub>4</sub> " | 2"                  | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | None    | 5.00008.596.2      | None              | N/A               | 1 <sup>3</sup> / <sub>8</sub> " | 2"                              | 2 1/ <sub>4</sub> " | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.595.2      | WB625             | 5/ <sub>8</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 2"                              | 2 1/ <sub>4</sub> " | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.595.2      | WB750             | 3/ <sub>4</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 2"                              | 2 1/ <sub>4</sub> " | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
| Grey Tread Models  |             |                        |         |                    |                   |                   |                                 |                                 |                     |                                            |                               |
| 8"                 | 2"          | 500                    | None    | 5.00008.586        | None              | N/A               | 1 <sup>3</sup> / <sub>8</sub> " | 1 <sup>3</sup> / <sub>4</sub> " | N/A                 | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.585        | WB625             | 5/ <sub>8</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 1 <sup>3</sup> / <sub>4</sub> " | 2"                  | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.585        | WB750             | 3/ <sub>4</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 1 <sup>3</sup> / <sub>4</sub> " | 2"                  | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | None    | 5.00008.596        | None              | N/A               | 1 <sup>3</sup> / <sub>8</sub> " | 2"                              | 2 1/ <sub>4</sub> " | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.595        | WB625             | 5/ <sub>8</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 2"                              | 2 1/ <sub>4</sub> " | —                                          | 2 <sup>1</sup> / <sub>4</sub> |
|                    |             |                        | Ball    | 5.00008.595        | WB750             | 3/ <sub>4</sub> " | 1 <sup>3</sup> / <sub>8</sub> " | 2"                              | 2 1/ <sub>4</sub> " | —                                          | 2 <sup>1</sup> / <sub>4</sub> |

Offset hub design.

## Pneumatic Rubber Wheels

### Capacity up to 340 lbs each • 4 SERIES

Full pneumatic tires, with separate inner tube, are mounted on heavy gauge wheel discs. These tires are similar to automotive types except that they are smaller. They require air inflation and are applicable when floor protection is a must. They also provide excellent

protection in cushioning cargo against bumps and jolts. Their shock-absorbing qualities are important in handling fragile items.

**Temperature range:** -20°F to +160°F.

| Wheel Dia. | Tire Size     | Capacity Each (Pounds) | Bearing           | Wheel Model Number | Tread Pattern | Bearing Bore | Hub Length | Ply | Max. Tire Pressure (PSI) | Weight (Pounds) |
|------------|---------------|------------------------|-------------------|--------------------|---------------|--------------|------------|-----|--------------------------|-----------------|
| 8"         | 2.80-2.50 x 4 | 300                    | Ball (Center Hub) | 4.00008.93         | Saw Tooth     | 5/8"         | 4"         | 4   | 50                       | 4               |
|            | 2.80-2.50 x 4 | 300                    | Ball (Offset Hub) | 4.00008.98         | Saw Tooth     | 5/8"         | 2 1/4"     | 4   | 50                       | 4               |
| 10"        | 4.10/3.00 x 4 | 340                    | Ball (Center Hub) | 4.00010.93         | Saw Tooth     | 5/8"         | 4"         | 4   | 50                       | 5               |
|            | 4.10/3.00 x 4 | 340                    | Ball (Offset Hub) | 4.00010.98         | Saw Tooth     | 5/8"         | 2 1/4"     | 4   | 50                       | 5               |
| 12"        | 4.10/3.50 x 6 | 350                    | Ball (Offset Hub) | 4.00012.93         | Saw Tooth     | 5/8"         | 4"         | 4   | 50                       | 5               |

## Cushion & Hard Rubber

### Capacity up to 100 lbs each • 1 SERIES

Conventional-style rubber wheels. Provides good floor protection and quiet operation.

**Temperature range:** -20°F to +160°F.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number       | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                          | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 2"         | 7/8"        | 75                     | Ball    | Soft Tread<br>1.00002.45 | 5/16"        | —                 | 1 3/32"    | —               | —      | —                                          | 1/8             |
|            |             | 100                    | Ball    | Hard Tread<br>1.00002.55 | 5/16"        | —                 | 1 3/32"    | —               | —      | —                                          | 3/16            |

## Rubber HI-TECH

### Capacity up to 150 lbs each • 2 SERIES

Thermoplastic cushion rubber tread bonded to rugged polyolefin core.

**Temperature range:** -45°F to +120°F.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3"         | 1 1/4"      | 150                    | Plain   | 2.00003.42         | —            | 1 1/2"            | 1 7/16"    | 3/8"            | 1 1/2" | —                                          | 3/8             |

## QuickStart

### Capacity up to 300 lbs each • 2 SERIES

These silent Quickstart wheels feature maintenance free precision bearings that require no lubrication. They are 18% easier push/pull

using industry standard 500 lb weight. All models feature integral thread guards to protect axle from thread and dirt.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing    | Wheel Model Number | Wheel         |                   |            | Spanner Bushing |        | Thread Guard | Weight (Pounds) |
|------------|-------------|------------------------|------------|--------------------|---------------|-------------------|------------|-----------------|--------|--------------|-----------------|
|            |             |                        |            |                    | Bearing Bore* | Bore Less Bearing | Hub Length | Bore            | Length |              |                 |
| 4"         | 1 1/4"      | 250                    | Prec. Ball | 2.00004.655        | 3/8"          | —                 | 1 1/2"     | —               | —      | Integral     | 3/4             |
| 5"         | 1 1/4"      | 300                    | Prec. Ball | 2.00005.655        | 3/8"          | —                 | 1 1/2"     | —               | —      | Integral     | 7/8             |

\*10mm bore models available for European wheel applications.

## Moldon Rubber Aluminum Core Wheels

Capacity up to 1140 lbs each • 6-8 SERIES



These wheels are quiet in operation and absorb shock and vibration. They help prolong equipment life and protect cargo. Injection molded rubber is bonded to aluminum core. Well suited to applications where a light-weight wheel is needed without loss of load capacity.

**Temperature Range:** -45°F to +160°F.

**Hardness:** 70(±5) Durometer Shore A scale.

**Zerk Fitting:** Zerk grease fitting in hub is standard on 7 & 8 Series.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 6"         | 2 1/2"      | 540                    | Roller  | 6.00006.669        | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 3 1/2           |
|            |             |                        | Delrin  | 7.00006.661        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 5 1/4           |
|            |             |                        | Roller  | 7.00006.669        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 5 1/4           |
|            | 3"          | 680                    | Delrin  | 7.00006.671        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 5 3/4           |
|            |             |                        | Roller  | 7.00006.679        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 5 3/4           |
|            |             |                        |         |                    |              |                   |            |                 |        |                                            |                 |
| 8"         | 2 1/2"      | 670                    | Roller  | 6.00008.669        | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 5               |
|            |             |                        | Delrin  | 7.00008.661        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 6 1/4           |
|            |             |                        | Roller  | 7.00008.669        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 6 1/4           |
|            | 3"          | 840                    | Delrin  | 7.00008.671        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 7 1/4           |
|            |             |                        | Roller  | 7.00008.679        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 7 1/4           |
|            |             |                        | Roller  | 8.00008.679        | 1 1/4"       | 15/16"            | 3 1/4"     | 1"              | 39/16" | —                                          | 7 1/4           |
| 10"        | 2 1/2"      | 790                    | Roller  | 6.00010.669        | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 7               |
|            |             |                        | Delrin  | 7.00010.661        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 8 1/2           |
|            |             |                        | Roller  | 7.00010.669        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 8 1/2           |
|            | 3"          | 1000                   | Delrin  | 7.00010.671        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 9 1/2           |
|            |             |                        | Roller  | 7.00010.679        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 9 1/2           |
|            |             |                        | Roller  | 8.00010.679        | 1 1/4"       | 15/16"            | 3 1/4"     | 1"              | 39/16" | —                                          | 9 1/2           |
| 12"        | 3"          | 1140                   | Delrin  | 7.00012.671        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 13              |
|            |             |                        | Roller  | 7.00012.679        | 1"           | 15/16"            | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 13              |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- Metal cage roller bearing: Specify **"WB29"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

# Moldon Rubber Cast Iron Core Wheels

Capacity up to 1140 lbs each • 5-7 SERIES

Moldon rubber is bonded to cast iron core. These wheels are quiet in operation and absorb shock and vibration. They help prolong equipment life and protect cargo.

**Temperature Range:** -45°F to +160°F.

**Hardness:** 70(±5) Durometer Shore A scale.

**Zerk Fitting:** Zerk grease fitting in hub is standard on 7 Series.

**Finish:** Black painted cast iron wheel core.



| Wheel Dia. | Tread Width                     | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds)                |
|------------|---------------------------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|--------------------------------|
|            |                                 |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                                |
| 4"         | 2"                              | 400                    | Delrin  | 5.00004.641.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 4 <sup>3</sup> / <sub>8</sub>  |
|            |                                 |                        | Roller  | 5.00004.649.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 4 <sup>3</sup> / <sub>8</sub>  |
| 5"         | 2"                              | 400                    | Delrin  | 5.00005.641.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5                              |
|            |                                 |                        | Roller  | 5.00005.649.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5                              |
| 6"         | 2"                              | 450                    | Delrin  | 5.00006.641.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5 <sup>5</sup> / <sub>8</sub>  |
|            |                                 |                        | Roller  | 5.00006.649.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5 <sup>5</sup> / <sub>8</sub>  |
|            | 2 <sup>1</sup> / <sub>2</sub> " | 540                    | Roller  | 6.00006.669.7      | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 10                             |
|            |                                 |                        | Delrin  | 7.00006.661.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 10                             |
|            |                                 |                        | Roller  | 7.00006.669.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 10                             |
|            |                                 |                        | Delrin  | 7.00006.671.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 10 <sup>1</sup> / <sub>2</sub> |
|            | 3"                              | 680                    | Roller  | 7.00006.679.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 10 <sup>1</sup> / <sub>2</sub> |
|            |                                 |                        | Delrin  | 7.00006.679.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 10 <sup>1</sup> / <sub>2</sub> |
| 8"         | 2"                              | 500                    | Delrin  | 5.00008.641.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 9 <sup>1</sup> / <sub>4</sub>  |
|            |                                 |                        | Roller  | 5.00008.649.7      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 9 <sup>1</sup> / <sub>4</sub>  |
|            | 2 <sup>1</sup> / <sub>2</sub> " | 670                    | Roller  | 6.00008.669.7      | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 11                             |
|            |                                 |                        | Delrin  | 7.00008.661.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 11                             |
|            |                                 |                        | Roller  | 7.00008.669.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 11                             |
|            |                                 |                        | Delrin  | 7.00008.671.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 11 <sup>1</sup> / <sub>2</sub> |
|            | 3"                              | 840                    | Roller  | 7.00008.679.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 11 <sup>1</sup> / <sub>2</sub> |
|            |                                 |                        | Delrin  | 7.00008.679.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 11 <sup>1</sup> / <sub>2</sub> |
| 10"        | 2 <sup>1</sup> / <sub>2</sub> " | 790                    | Roller  | 6.00010.669.7      | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 12 <sup>3</sup> / <sub>4</sub> |
|            |                                 |                        | Delrin  | 7.00010.661.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 12 <sup>3</sup> / <sub>4</sub> |
|            |                                 |                        | Roller  | 7.00010.669.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 12 <sup>3</sup> / <sub>4</sub> |
|            | 3"                              | 1000                   | Delrin  | 7.00010.671.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 13                             |
|            |                                 |                        | Roller  | 7.00010.679.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 13                             |
|            |                                 |                        | Delrin  | 7.00010.679.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 13                             |
| 12"        | 2 <sup>1</sup> / <sub>2</sub> " | 950                    | Delrin  | 7.00012.661.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 15 <sup>1</sup> / <sub>2</sub> |
|            |                                 |                        | Roller  | 7.00012.669.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 15 <sup>1</sup> / <sub>2</sub> |
|            | 3"                              | 1140                   | Delrin  | 7.00012.671.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 16                             |
|            |                                 |                        | Roller  | 7.00012.679.7      | 1"           | 115/16"           | 31/4"      | 3/4"            | 31/2"  | —                                          | 16                             |

## WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Metal cage roller bearing: Specify **"WB29"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retain-er washer: Specify **"WSR3"**

WHEEL SELECTION

## Moldon Polyurethane HI-TECH Wheels

Capacity up to 500 lbs each • 1-2 SERIES



Polyurethane tread bonded to polyolefin core. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are red tread on grey core. A very attractive, all purpose wheel. Resistant to most chemicals, solvents, water and acids.



Wheel Core

Temperature range: -45°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 2 1/2"     | 1 1/4"      | 250                    | Delrin  | 2.00002.91         | 1/2"         | 29/32"            | 17/16"     | 3/8"            | 1 1/2"  | TG1: 57852                                 | 1/4             |
|            |             |                        | Ball    | 2.00002.95         | 3/8"         | —                 | 1 1/2"     | —               | —       |                                            | 1/4             |
| 3"         | 7/8"        | 100                    | Delrin  | 1.00003.91         | 7/16"        | 5/8"              | 1 1/32"    | 5/16"           | 1 7/64" | TG1: 57852.03                              | 1/3             |
|            | 1 1/4"      | 200                    | Plain   | 2.00003.92         | —            | 1 1/2"            | 1 7/16"    | 3/8"            | 1 1/2"  | —                                          | 3/8             |
| 3 1/2"     | 1 1/4"      | 250                    | Delrin  | 2.00003.91         | 1/2"         | 29/32"            | 17/16"     | 3/8"            | 1 1/2"  | TG1: 57854.01                              | 3/8             |
|            |             |                        | Ball    | 2.00003.95         | 3/8"         | —                 | 1 1/2"     | —               | —       |                                            | 3/8             |
| 4"         | 7/8"        | 125                    | Delrin  | 1.00004.91         | 7/16"        | 5/8"              | 1 1/32"    | 5/16"           | 1 7/64" | TG1: 58081.05                              | 1/2             |
|            | 1 1/4"      | 275                    | Delrin  | 2.00004.91         | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57854.01                              | 1/2             |
|            |             |                        | Ball    | 2.00004.95         | 3/8"         | —                 | 1 1/2"     | —               | —       |                                            | 1/2             |
| 5"         | 7/8"        | 140                    | Delrin  | 1.00005.91         | 7/16"        | 5/8"              | 1 1/32"    | 5/16"           | 1 7/64" | —                                          | 1/2             |
|            | 1 1/4"      | 300                    | Delrin  | 2.00005.91         | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57866.03                              | 3/4             |
|            |             |                        | Ball    | 2.00005.95         | 3/8"         | —                 | 1 1/2"     | —               | —       | TG2: 57852.43                              | 3/4             |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify "WB01B"
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic)
- Custom colors to match your equipment (consult factory)



## Polyurethane Round Tread Wheels

Capacity up to 1500 lbs each • 5 SERIES

Colson has two round tread polyurethane choices: (1) an industrial strength polyurethane tread bonded to polyurethane core, or a Red Solid Polyurethane.

Not recommended for conditions of continuous operation such as tow-line, etc.

Temperature range: -40°F to +180°F.

Hardness, Dual Durometer: Tread: 90(±5) Durometer Shore A scale. Core 70(±5) Durometer Shore D scale.

Hardness, Solid Polyurethane: 70(±5) Durometer Shore D scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing    | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Wheel Type       | Weight (Pounds) |
|------------|-------------|------------------------|------------|--------------------|--------------|-------------------|------------|-----------------|---------|------------------|-----------------|
|            |             |                        |            |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                  |                 |
| 6"         | 2"          | 1000                   | Prec. Ball | 5.00006.925AU      | 3/4"         | 1 9/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 90Tread/70D Core | 1 5/8           |
|            | 2"          | 1200                   | Prec. Ball | 5.00006.925RU      | 3/4"         | 1 9/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 70D Solid Red    | 1 5/8           |
| 8"         | 2"          | 1200                   | Prec. Ball | 5.00008.925AU      | 3/4"         | 1 9/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 90Tread/70D Core | 2 1/2           |
|            | 2"          | 1500                   | Prec. Ball | 5.00008.925RU      | 3/4"         | 1 9/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 70D Solid Red    | 2 1/2           |



Dual Durometer (AU)



Red Solid Polyurethane (RU)

# Moldon Polyurethane HI-TECH Wheels

Capacity up to 1700 lbs each • 3-7 SERIES

Industrial strength polyurethane tread bonded to “ribbed” polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are red tread on grey core.



Wheel Core

**Not recommended for conditions of continuous operation such as tow-line, etc.**

**Temperature range:** -45°F to +180°F.

**Hardness:** 55(±5) Durometer Shore D scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3"         | 1 1/2"      | 300                    | Delrin  | 3.00003.901        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 3/4             |
|            |             |                        | Roller  | 3.00003.909        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1               |
|            |             |                        | Delrin  | 4.00003.911        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 3/4             |
|            |             |                        | Roller  | 4.00003.919        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1               |
| 4"         | 1 1/2"      | 400                    | Delrin  | 3.00004.901        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1               |
|            |             |                        | Roller  | 3.00004.909        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 1 1/4           |
|            |             |                        | Delrin  | 4.00004.911        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.23                              | 1               |
|            |             |                        | Roller  | 4.00004.919        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.23                              | 1 1/4           |
|            | 2"          | 600                    | Delrin  | 5.00004.921        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.23                              | 1 1/4           |
|            |             |                        | Roller  | 5.00004.929        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.23                              | 1 1/2           |
| 5"         | 1 1/2"      | 500                    | Delrin  | 3.00005.901        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 57852.10                              | 1 1/4           |
|            |             |                        | Roller  | 3.00005.909        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 57852.10                              | 1 1/2           |
|            |             |                        | Delrin  | 4.00005.911        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.11                              | 1 1/4           |
|            |             |                        | Roller  | 4.00005.919        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.11                              | 1 1/2           |
|            | 2"          | 750                    | Delrin  | 5.00005.921        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.11                              | 1 1/4           |
|            |             |                        | Roller  | 5.00005.929        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.11                              | 1 1/2           |
| 6"         | 1 1/2"      | 600                    | Delrin  | 3.00006.901        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 57852.08                              | 1 1/2           |
|            |             |                        | Roller  | 3.00006.909        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 57852.08                              | 1 3/4           |
|            |             |                        | Delrin  | 4.00006.911        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 52001.86                              | 1 1/2           |
|            |             |                        | Roller  | 4.00006.919        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 52001.86                              | 1 3/4           |
|            | 2"          | 900                    | Delrin  | 5.00006.921        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 52001.86                              | 1 5/8           |
|            |             |                        | Roller  | 5.00006.929        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 52001.86                              | 1 7/8           |
| 8"         | 1 1/2"      | 800                    | Delrin  | 4.00008.911        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.05                              | 2 1/4           |
|            |             |                        | Roller  | 4.00008.919        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.05                              | 2 1/2           |
|            | 2"          | 1000                   | Delrin  | 5.00008.921        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.04                              | 2 1/2           |
|            |             |                        | Roller  | 5.00008.929        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.04                              | 2 3/4           |
| 10"        | 2 1/2"      | 1200                   | Delrin  | 7.00010.951        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 6               |
|            |             |                        | Roller  | 7.00010.959        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 6 1/4           |
| 12"        | 3"          | 1700                   | Delrin  | 7.00012.981        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 7               |
|            |             |                        | Roller  | 7.00012.989        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 7 1/2           |

## WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- Metal cage roller bearing: Specify **"WB29"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Thread Guards: Specify **"TG1"** (metal)
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Custom colors to match your equipment (consult factory)
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

# Moldon Polyurethane Aluminum Core Wheels

## Capacity up to 4800 lbs each • 5-8 SERIES



A light-weight, ultra-durable wheel. It has a very high strength-to-weight ratio and is capable of long service under heavy loads. Red polyurethane is permanently bonded to aluminum core.

**Finish:** Aluminum.

**Zerk Fitting:** Zerk grease fitting in hub is standard on 7 and 8 Series wheels.

**Temperature range:** -45°F to +180°F.

**Hardness:** 95(±5) Durometer Shore A scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 4"         | 1½"         | 600                    | Delrin  | 5.00004.911        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" | —                                          | 1½              |
|            |             |                        | Roller  | 5.00004.919        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" | —                                          | 1½              |
|            | 2"          | 700                    | Delrin  | 5.00004.931        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" | —                                          | 2⅜              |
|            |             |                        | Roller  | 5.00004.939        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" | —                                          | 2⅜              |
| 5"         | 2"          | 1000                   | Delrin  | 5.00005.931        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" | TG1: 57866.01                              | 2⅜              |
|            |             |                        | Roller  | 5.00005.939        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" |                                            | 2⅜              |
| 6"         | 2"          | 1200                   | Delrin  | 5.00006.931        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" | TG1: 52001.86                              | 2⅝              |
|            |             |                        | Roller  | 5.00006.939        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" |                                            | 2⅝              |
|            | 2½"         | 1600                   | Roller  | 6.00006.969        | ¾"           | 13/16"            | 23/4"      | ½"              | 3"     | TG1: 57551.05                              | 3¼              |
|            |             |                        | 3"      | 2000               | Delrin       | 7.00006.971       | 1"         | 1⅝/16"          | 3¼"    |                                            | ¾"              |
|            | Roller      | 7.00006.979            |         |                    | 1"           | 1⅝/16"            | 3¼"        | ¾"              | 3½"    | —                                          | 5¾              |
|            | 8"          | 2"                     | 1500    | Delrin             | 5.00008.931  | ¾"                | 13/16"     | 23/16"          | ½"     | 27/16"                                     | TG1: 57852.20   |
| Roller     |             |                        |         | 5.00008.939        | ¾"           | 13/16"            | 23/16"     | ½"              | 27/16" | 4¼                                         |                 |
| 2½"        |             | 1600                   | Roller  | 6.00008.969        | ¾"           | 13/16"            | 23/4"      | ½"              | 3"     | —                                          | 5               |
|            |             |                        | 3"      | 2500               | Delrin       | 7.00008.971       | 1"         | 1⅝/16"          | 3¼"    | ¾"                                         | 3½"             |
| Roller     |             | 7.00008.979            |         |                    | 1"           | 1⅝/16"            | 3¼"        | ¾"              | 3½"    | —                                          | 6½              |
| Roller     |             | 8.00008.979            |         |                    | 1¼"          | 1⅝/16"            | 3¼"        | 1"              | 3½"    | —                                          | 6½              |
| 10"        |             | 3"                     | 3000    | Delrin             | 7.00010.971  | 1"                | 1⅝/16"     | 3¼"             | ¾"     | 3½"                                        | —               |
|            | Roller      |                        |         | 7.00010.979        | 1"           | 1⅝/16"            | 3¼"        | ¾"              | 3½"    | —                                          | 8¾              |
|            | Roller      |                        |         | 8.00010.979        | 1¼"          | 1⅝/16"            | 3¼"        | 1"              | 3½"    | —                                          | 8¾              |
|            | 4"          | 4200                   | Roller  | 8.00010.999        | 1¼"          | 27/16"            | 4¼"        | 1"              | 49/16" | —                                          | 13½             |
| 12"        | 3"          | 3500                   | Delrin  | 7.00012.971        | 1"           | 1⅝/16"            | 3¼"        | ¾"              | 3½"    | —                                          | 11½             |
|            |             |                        | Roller  | 7.00012.979        | 1"           | 1⅝/16"            | 3¼"        | ¾"              | 3½"    | —                                          | 11½             |
|            |             |                        | Roller  | 8.00012.979        | 1¼"          | 1⅝/16"            | 3¼"        | 1"              | 3½"    | —                                          | 11½             |
|            | 4"          | 4800                   | Roller  | 8.00012.999        | 1¼"          | 27/16"            | 4¼"        | 1"              | 49/16" | —                                          | 13¾             |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Metal cage roller bearing: Specify **"WB29"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer (except 8 Series): Specify **"WSR3"**
- Thread Guards: Specify **"TG1"** (metal)

# Moldon Polyurethane Cast Iron Core Wheels

Capacity up to 5500 lbs each • 5-7 SERIES

A strong, ultra-durable wheel. It has a very high strength-to-weight ratio and is capable of long service under heavy loads. Red polyurethane is bonded to cast iron core.

Temperature range: -45°F to +180°F.

Hardness: 95(±5) Durometer Shore A scale. Finish: Silver paint (wheel core)



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 4"         | 2"          | 700                    | Delrin  | 5.00004.941.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 4 3/4           |
|            |             |                        | Roller  | 5.00004.949.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 4 3/4           |
| 5"         | 2"          | 1000                   | Delrin  | 5.00005.941.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 5               |
|            |             |                        | Roller  | 5.00005.949.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 5               |
| 6"         | 2"          | 1200                   | Delrin  | 5.00006.941.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 5 5/8           |
|            |             |                        | Roller  | 5.00006.949.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 5 5/8           |
|            | 2 1/2"      | 1620                   | Roller  | 6.00006.969.7      | 3/4"         | 1 3/16"           | 2 3/4"     | 1/2"            | 3"      | —                                          | 10              |
|            |             |                        | Delrin  | 7.00006.961.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 10              |
|            |             |                        | Roller  | 7.00006.969.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 10              |
|            |             |                        | Delrin  | 7.00006.971.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 10 1/2          |
|            | 3"          | 2040                   | Roller  | 7.00006.979.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 10 1/2          |
|            |             |                        | Delrin  | 7.00006.979.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 10 1/2          |
| 8"         | 2"          | 1500                   | Delrin  | 5.00008.941.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 9 1/4           |
|            |             |                        | Roller  | 5.00008.949.7      | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 9 1/4           |
|            | 2 1/2"      | 1700                   | Roller  | 6.00008.969.7      | 3/4"         | 1 3/16"           | 2 3/4"     | 1/2"            | 3"      | —                                          | 11              |
|            |             |                        | Delrin  | 7.00008.961.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 11              |
|            |             |                        | Roller  | 7.00008.969.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 11              |
|            |             |                        | Delrin  | 7.00008.971.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 11 1/2          |
|            | 3"          | 2500                   | Roller  | 7.00008.979.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 11 1/2          |
|            |             |                        | Delrin  | 7.00008.979.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 11 1/2          |
| 10"        | 2 1/2"      | 2300                   | Delrin  | 7.00010.961.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 12 3/4          |
|            |             |                        | Roller  | 7.00010.969.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 12 3/4          |
|            | 3"          | 3000                   | Delrin  | 7.00010.971.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 13              |
|            |             |                        | Roller  | 7.00010.979.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 13              |
| 12"        | 2 1/2"      | 2700                   | Delrin  | 7.00012.961.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 15 1/2          |
|            |             |                        | Roller  | 7.00012.969.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 15 1/2          |
|            | 3"          | 3500                   | Delrin  | 7.00012.971.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 16              |
|            |             |                        | Roller  | 7.00012.979.7      | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 16              |

## WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Metal cage roller bearing: Specify **"WB29"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

WHEEL SELECTION

## Moldon Nylon Aluminum Core Wheels

Capacity up to 1500 lbs each • 5 SERIES



Brown nylon tread is molded in, around and through slots in an aluminum wheel core. This mechanical tread lock system helps prevent tread bond failures under harsh operating conditions found in meat packing and food processing industries. A nylon wheel is recommended for applications requiring a high resistance to water, oils, gasoline, grease and certain salt solutions. Nylon is also resistant to paints and lacquers, cosmetic preparations, detergents, aerosol



Wheel Core Cut-a-Way

preparations and animal and vegetable fats. (Note: Nylon tread wheels bonded to a thermoplastic wheel core are optionally available. Please consult factory.)

**Temperature range:** -45°F to +180°F (If metal retainer washer used, temperature range is -45° to +250° F).

**Hardness:** 70(±5) Durometer Shore D scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds)               |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------|-------------------------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                      |                               |
| 5"         | 2"          | 1000                   | Delrin  | 5.00005.931.3      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | 57852.11                             | 2                             |
|            |             |                        | Roller  | 5.00005.939.3      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | 57852.11                             | 2                             |
| 6"         | 2"          | 1200                   | Delrin  | 5.00006.931.3      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | 52001.86                             | 2 <sup>2</sup> / <sub>3</sub> |
|            |             |                        | Roller  | 5.00006.939.3      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | 52001.86                             | 2 <sup>2</sup> / <sub>3</sub> |
| 8"         | 2"          | 1500                   | Delrin  | 5.00008.931.3      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | 57852.04                             | 3 <sup>2</sup> / <sub>3</sub> |
|            |             |                        | Roller  | 5.00008.939.3      | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | 57852.04                             | 3 <sup>2</sup> / <sub>3</sub> |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Metal cage roller bearing: Specify **"WB29"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

## Endura Solid Elastomer Wheels

Capacity up to 1200 lbs each • 5 SERIES

When you need a wheel to roll easily under heavy loads, Colson offers the perfect solution. Endura wheels out-perform most conventional caster wheels on the market. The secret is Colson's solid "monoform" wheel construction. With this unique design, wheel tread and core are molded as a single unit. This eliminates wheel tread separation and bond failure.

**Maximum durability.** Colson's exclusive solid elastomer compound delivers greater durability than conventional metal, rubber, plastic, polyurethane and phenolic wheels.

**Outlasts competitors.** Colson's severe and comprehensive test procedures prove Endura wheels outlast competitive solid elastomer wheels by more than 50%! In fact, these new caster wheels handle maximum loads with minimum tread wear— even after extensive use.

**Rolls, swivels easier.** Colson test results show that Endura wheels start rolling, keep rolling and swivel easier than our best competitor.

**Perfect for tow-lines.** Even in continuous operation, these new wheels produce extremely low heat build-up making them perfect for tow-line applications (precision ball bearings required).

**Performance advantages.** Not only are Endura wheels strong and easy rolling, but they resist most chemicals, oils, greases, petroleum products and solvents. In addition, Endura non-marking wheels offer excellent resistance to chipping, cracking and flat-spotting. Superior impact strength and abrasion resistance further enhance durability.

**Chemical Resistance.** Most chemicals, greases, oils and solvents.

**Temperature range:** -45°F to +230°F.

**Hardness:** 63(±5) Shore D Scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing     | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|-------------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |             |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 4"         | 2"          | 1000                   | Delrin      | 5.00004.831.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 57852.11                              | 1 3/8           |
|            |             |                        | Roller      | 5.00004.839.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 1 3/8           |
|            |             |                        | Prec. Ball* | 5.00004.835.EN     | —            | —                 | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 1 3/8           |
| 5"         | 2"          | 1000                   | Delrin      | 5.00005.831.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 52007.94                              | 1 3/4           |
|            |             |                        | Roller      | 5.00005.839.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 1 3/4           |
|            |             |                        | Prec. Ball* | 5.00005.835.EN     | —            | —                 | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 1 3/4           |
| 6"         | 2"          | 1100                   | Delrin      | 5.00006.831.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 57551.05                              | 2               |
|            |             |                        | Roller      | 5.00006.839.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 2               |
|            |             |                        | Prec. Ball* | 5.00006.835.EN     | —            | —                 | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 2               |
| 8"         | 2"          | 1200                   | Delrin      | 5.00008.831.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 57551.05                              | 3 1/4           |
|            |             |                        | Roller      | 5.00008.839.EN     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 3 1/4           |
|            |             |                        | Prec. Ball* | 5.00008.835.EN     | —            | —                 | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 3 1/4           |

Spanner bushing included. Part number is 56525.02.

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify "WB01B"
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11"
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B"
- Metal cage roller bearing: Specify "WB29"
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19"
- Roller Bearing less Bushing: Specify "WB09B"
- Roller bearing metal thrust & retainer washers: Specify "WSR1"
- Roller bearing sintered iron step washers: Specify "WSR2"
- Roller bearing sealed metal retainer washer: Specify "WSR3"
- Thread Guards: Specify "TG1" (metal)

WHEEL SELECTION

## Polyolefin Wheels

Capacity up to 500 lbs each • 1-2 SERIES



Hard tread polyolefin wheel. Light weight and offers non-marking floor protection. Resists hard impacts. Very light in weight, yet impact strength is far superior to hard rubber wheels. Offers superior resistance to most oils, chemicals, grease, solvents and acids. For light and medium duty applications. Standard color is black.

Temperature range: -45°F to +180°F.

Hardness: 65(±5) Durometer Shore D scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 1 5/8"     | 7/8"        | 75                     | Delrin  | 1.00001.52         | 5/16"        | 1/2"              | 1 1/32"    | —               | —       | —                                          | 1/16            |
| 2"         | 7/8"        | 100                    | Delrin  | 1.00002.52         | 5/16"        | 1/2"              | 1 1/32"    | —               | —       | —                                          | 1/8             |
| 2 1/2"     | 1 1/4"      | 200                    | Delrin  | 2.00002.53         | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57852                                 | 1/4             |
|            |             |                        | Ball    | 2.00002.55         | 3/8"         | 29/32"            | 1 1/2"     | —               | —       |                                            | 1/4             |
| 3"         | 7/8"        | 125                    | Delrin  | 1.00003.53         | 7/16"        | 5/8"              | 1 1/32"    | 5/16"           | 1 7/64" | TG1: 57852.03                              | 1/3             |
|            | 1 1/4"      | 200                    | Plain   | 2.00003.52         | —            | 1/2"              | 1 7/16"    | 3/8"            | 1 1/2"  | —                                          | 3/8             |
| 3 1/2"     | 1 1/4"      | 250                    | Delrin  | 2.00003.53         | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57854.01                              | 3/8             |
|            |             |                        | Ball    | 2.00003.55         | 3/8"         | 29/32"            | 1 1/2"     | —               | —       |                                            | 1/2             |
| 4"         | 7/8"        | 135                    | Delrin  | 1.00004.53         | 7/16"        | 5/8"              | 1 1/32"    | 5/16"           | 1 7/64" | TG1: 58081.05                              | 1/2             |
|            | 1 1/4"      | 275                    | Delrin  | 2.00004.53         | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57854.01                              | 3/4             |
|            |             |                        | Ball    | 2.00004.55         | 3/8"         | 29/32"            | 1 1/2"     | —               | —       |                                            | 1               |
| 5"         | 7/8"        | 145                    | Delrin  | 1.00005.53         | 7/16"        | 5/8"              | 1 1/32"    | 5/16"           | 1 7/64" | —                                          | 1/2             |
|            | 1 1/4"      | 300                    | Delrin  | 2.00005.53         | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | TG1: 57866.03                              | 1               |
|            |             |                        | Ball    | 2.00005.55         | 3/8"         | 29/32"            | 1 1/2"     | —               | —       | TG2: 57852.43                              | 1               |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify "WB01B"
- Thread Guards: Specify "TG1" (metal), "TG2" (plastic)

## Polyolefin Wheels

Capacity up to 900 lbs each • 3-5 SERIES

Designed for hard impacts and heavy loads. Injection molded from an exclusive Colson polyolefin compound. Unique ribbed design adds strength. Very light in weight, yet impact strength is far superior to hard rubber wheels. Offers superior resistance to most oils, chemicals, grease, gasoline, cooking fats and acids. Stain resistant, non-marking and zero water absorbing.

Temperature range: -45°F to +180°F.

Hardness: 65(±5) Durometer Shore D scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3"         | 1 1/2"      | 300                    | Delrin  | 3.00003.801        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 52250.62                              | 1/2             |
|            |             |                        | Plain   | 3.00003.802        | —            | 3/4"              | 15/8"      | 3/8"            | 17/8"  |                                            | 1/2             |
|            |             |                        | Roller  | 3.00003.809        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  |                                            | 1/2             |
|            |             |                        | Delrin  | 4.00003.811        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.12                              | 1/2             |
|            |             |                        | Plain   | 4.00003.812        | —            | 3/4"              | 15/8"      | 1/2"            | 27/16" |                                            | 1/2             |
|            |             |                        | Roller  | 4.00003.819        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" |                                            | 1/2             |
| 4"         | 1 1/2"      | 375                    | Delrin  | 3.00004.801        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 57852.06                              | 3/4             |
|            |             |                        | Plain   | 3.00004.802        | —            | 3/4"              | 15/8"      | 3/8"            | 17/8"  |                                            | 3/4             |
|            |             |                        | Roller  | 3.00004.809        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  |                                            | 3/4             |
|            |             |                        | Delrin  | 4.00004.811        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57852.07                              | 3/4             |
|            |             |                        | Plain   | 4.00004.812        | —            | 3/4"              | 15/8"      | 1/2"            | 27/16" |                                            | 3/4             |
|            |             |                        | Roller  | 4.00004.819        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" |                                            | 3/4             |
|            | 2"          | 500                    | Delrin  | 5.00004.831        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.07                              | 3/4             |
|            |             |                        | Plain   | 5.00004.832        | —            | 3/4"              | 23/16"     | 1/2"            | 27/16" |                                            | 3/4             |
|            |             |                        | Roller  | 5.00004.839        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 3/4             |
| 5"         | 1 1/2"      | 450                    | Delrin  | 3.00005.801        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 57866                                 | 3/4             |
|            |             |                        | Plain   | 3.00005.802        | —            | 3/4"              | 15/8"      | 3/8"            | 17/8"  |                                            | 3/4             |
|            |             |                        | Roller  | 3.00005.809        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  |                                            | 3/4             |
|            |             |                        | Delrin  | 4.00005.811        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57866.01                              | 3/4             |
|            |             |                        | Plain   | 4.00005.812        | —            | 3/4"              | 15/8"      | 1/2"            | 27/16" |                                            | 3/4             |
|            |             |                        | Roller  | 4.00005.819        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" |                                            | 3/4             |
|            | 2"          | 650                    | Delrin  | 5.00005.831        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57866.01                              | 1               |
|            |             |                        | Plain   | 5.00005.832        | —            | 3/4"              | 23/16"     | 1/2"            | 27/16" |                                            | 1               |
|            |             |                        | Roller  | 5.00005.839        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1               |
| 6"         | 1 1/2"      | 500                    | Delrin  | 3.00006.801        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | TG1: 52250.56                              | 1               |
|            |             |                        | Plain   | 3.00006.802        | —            | 3/4"              | 15/8"      | 3/8"            | 17/8"  |                                            | 1               |
|            |             |                        | Roller  | 3.00006.809        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  |                                            | 1               |
|            |             |                        | Delrin  | 4.00006.811        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | TG1: 57551.05                              | 1               |
|            |             |                        | Plain   | 4.00006.812        | —            | 3/4"              | 15/8"      | 1/2"            | 27/16" |                                            | 1               |
|            |             |                        | Roller  | 4.00006.819        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" |                                            | 1               |
|            | 2"          | 700                    | Delrin  | 5.00006.831        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57551.05                              | 1 1/4           |
|            |             |                        | Plain   | 5.00006.832        | —            | 3/4"              | 23/16"     | 1/2"            | 27/16" |                                            | 1 1/4           |
|            |             |                        | Roller  | 5.00006.839        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 1/4           |
| 8"         | 1 1/2"      | 600                    | Delrin  | 4.00008.811        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 1               |
|            |             |                        | Plain   | 4.00008.812        | —            | 3/4"              | 15/8"      | 1/2"            | 27/16" |                                            | 1               |
|            |             |                        | Roller  | 4.00008.819        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" |                                            | 1               |
|            | 2"          | 900                    | Delrin  | 5.00008.831        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.20                              | 1 1/2           |
|            |             |                        | Plain   | 5.00008.832        | —            | 3/4"              | 23/16"     | 1/2"            | 27/16" |                                            | 1 1/2           |
|            |             |                        | Roller  | 5.00008.839        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 1 1/2           |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify "WB01B"
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify "WB11"
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify "WB11B"
- Metal cage roller bearing: Specify "WB29"
- Torrington style with Hytrel retainer (2" tread width): Specify "WB19"
- Roller Bearing less Bushing: Specify "WB09B"
- Roller bearing metal thrust & retainer washers: Specify "WSR1"
- Roller bearing sintered iron step washers: Specify "WSR2"
- Roller bearing sealed metal retainer washer: Specify "WSR3"



Colson Maxim Wheels feature an exclusive, ultra-tough thermoplastic compound that resists hard impacts and drop-shocks. The wheel is impervious to most chemicals, solvents, salts, gases, alkalines and steam cleaning and does not absorb water. When compared to other hard tread wheels, Maxim wheels require less force to roll and swivel. It is ideal for many industrial

and institutional applications and is NSF listed for the food service industry. The wheel is non-marking.

**Temperature range:** -45°F to +180°F (normal). To +350°F if you specify a bronze or roller bearing with mid-temp grease.

**Hardness:** 85(±5) Durometer Shore D scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearings* | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|-----------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |           |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 3 1/4"     | 2"          | 700                    | Delrin    | 5.00003.531        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5/8             |
|            |             |                        | Roller    | 5.00003.539        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5/8             |
| 4"         | 1 1/2"      | 600                    | Delrin    | 3.00004.501        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 7/8             |
|            |             |                        | Roller    | 3.00004.509        | 3/4"         | 13/16"            | 15/8"      | 3/8"            | 17/8"  | —                                          | 7/8             |
|            | 1 1/2"      | 600                    | Delrin    | 4.00004.511        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 7/8             |
|            |             |                        | Roller    | 4.00004.519        | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                          | 7/8             |
|            | 2"          | 800                    | Delrin    | 5.00004.531        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1               |
|            |             |                        | Roller    | 5.00004.539        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 1               |
| 5"         | 2"          | 1000                   | Delrin    | 5.00005.531        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.45                              | 1 1/4           |
|            |             |                        | Roller    | 5.00005.539        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.45                              | 1 1/4           |
| 6"         | 2"          | 1200                   | Delrin    | 5.00006.531        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.46                              | 1 1/2           |
|            |             |                        | Roller    | 5.00006.539        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57852.46                              | 1 1/2           |
| 8"         | 2"          | 1400                   | Delrin    | 5.00008.531        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 2               |
|            |             |                        | Roller    | 5.00008.539        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 2               |

Bronze bearings available, change last digit to "4".

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

## Thermo Wheels

### Capacity up to 1000 lbs each • 2-5 SERIES

Thermo wheels feature a standard operating temperature range from -70°F (continuous service) to +525°F (intermittent service, 475°F continuous service). These are molded from an exclusive engineered resin compound that offers non-marking floor protection, near zero water absorption, high load capacities and long service life.

A special manufacturing process enables these wheels to retain a consistent bearing bore even when exposed to elevated temperatures.

Furthermore, Thermo wheels are 100% recyclable, and they are highly resistant to animal fats, vegetable oils and salt solutions.

The life expectancy of Thermo wheels is three times longer than high-temp phenolic wheels, and they offer an equal load capacity. Unlike high-temp phenolic wheels, Colson Thermo wheels have no outer skin that can break and absorb water or other fluids.

**Temperature range:** -70°F to +525°F intermittent service, (+480° continuous service).

**Hardness:** 85(±5) Durometer Shore D scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing       | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------|-----------------|
|            |             |                        |               |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                      |                 |
| 3"         | 1 1/2"      | 600                    | Plain         | 4.00003.812 HT     | —            | 3/4"              | 13/4"      | 1/2"            | 27/16" | —                                    | 1/2             |
|            |             |                        | Less Bearing. | 4.00003.816 HT     | —            | 13/16"            | 15/8"      | —               | —      | —                                    | 1/2             |
|            |             |                        | Roller        | 4.00003.819 HT     | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                    | 1/2             |
| 3 1/2"     | 1 1/4"      | 700                    | Plain         | 2.00003.52 HT      | —            | 1/2"              | 17/16"     | 3/8"            | 11/2"  | —                                    | 3/8             |
| 4"         | 1 1/4"      | 700                    | Plain         | 2.00004.52 HT      | —            | 1/2"              | 17/16"     | 3/8"            | 11/2"  | —                                    | 3/4             |
|            |             |                        | Less Bearing. | 4.00004.816 HT     | —            | 13/16"            | 15/8"      | —               | —      | —                                    | 3/4             |
|            | 1 1/2"      | 700                    | Roller        | 4.00004.819 HT     | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                    | 3/4             |
|            |             |                        | Plain         | 5.00004.832 HT     | —            | 3/4"              | 23/8"      | 1/2"            | 27/16" | —                                    | 3/4             |
|            |             |                        | Less Bearing. | 5.00004.836 HT     | —            | 13/16"            | 23/16"     | —               | —      | —                                    | 3/4             |
|            | 2"          | 800                    | Roller        | 5.00004.839 HT     | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                    | 3/4             |
|            |             |                        | Plain         | 2.00005.52 HT      | —            | 1/2"              | 17/16"     | 3/8"            | 11/2"  | —                                    | 1               |
| 5"         | 1 1/4"      | 800                    | Less Bearing. | 4.00005.816 HT     | —            | 13/16"            | 15/8"      | —               | —      | —                                    | 3/4             |
|            |             |                        | Roller        | 4.00005.819 HT     | 3/4"         | 13/16"            | 15/8"      | 1/2"            | 27/16" | —                                    | 3/4             |
|            |             |                        | Plain         | 5.00005.832 HT     | —            | 3/4"              | 23/8"      | 1/2"            | 27/16" | —                                    | 1               |
|            | 1 1/2"      | 800                    | Less Bearing. | 5.00005.836 HT     | —            | 13/16"            | 23/16"     | —               | —      | —                                    | 1               |
|            |             |                        | Roller        | 5.00005.839 HT     | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                    | 1               |
|            | 2"          | 1000                   | Less Bearing. | 5.00006.832 HT     | —            | 3/4"              | 23/8"      | 1/2"            | 27/16" | —                                    | 12/3            |
|            |             |                        | Roller        | 5.00006.836 HT     | —            | 13/16"            | 23/16"     | —               | —      | —                                    | 12/3            |
| 6"         | 2"          | 1100                   | Roller        | 5.00006.839 HT     | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                    | 12/3            |

Bronze bearings available, change last digit to "4".

## ThermoTECH® Wheels

Colson ThermoTech Wheels feature a rubber tread that can take the heat. They are quiet and non-marking for superior floor protection. The rubber tread is an advanced technology rubber compound bonded to an aluminum core.

**Temperature range:** -45°F to +525°F intermittent service, (+490° continuous service).

**Hardness:** 75(±5) Durometer Shore A scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard TG1: Metal TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                      |                 |
| 4"         | 1 1/4"      | 250                    | Teflon  | 2.00004.613H       | 1/2"         | N/A               | 15/16"     | 1/2"            | 11/2"  | —                                    | 3/4             |
| 5"         | 1 1/4"      | 250                    | Teflon  | 2.00005.613H       | 1/2"         | N/A               | 15/16"     | 1/2"            | 11/2"  | —                                    | 3/4             |
| 6"         | 1 1/4"      | 250                    | Teflon  | 2.00006.613H       | 1/2"         | N/A               | 15/16"     | 3/8"            | 11/2"  | —                                    | 3/4             |

## Phenolic Wheels

Capacity up to 800 lbs each • 2-4 SERIES



Phenolic resin wheels filled with macerated fabric. Quieter than steel or aluminum, provides superior floor protection. Resistant to hard impacts and most chemicals and steam. Standard color is black.

**Temperature range:** -45°F to +180°F. If metal washers specified: -45°F to +250°F (Roller and Ball bearings only).

**Hardness:** 90 (±5) Shore D Scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |          | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|----------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length   |                                            |                 |
| 2 1/2"     | 1 7/16"     | 300                    | Roller  | 2.00002.319        | 5/8"         | 1 1/16"           | 1 1/2"     | 3/8"            | 1 17/32" | —                                          | 5/8             |
| 3"         | 1 15/32"    | 350                    | Roller  | 2.00003.309        | 5/8"         | 1 1/16"           | 1 1/2"     | 3/8"            | 1 17/32" | —                                          | 3/4             |
|            | 1 1/2"      | 500                    | Delrin  | 3.00003.301        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   | —                                          | 1               |
|            |             |                        | Ball    | 3.00003.305        | 3/8"         | —                 | 1 7/8"     | —               | —        | —                                          | 1               |
|            |             |                        | Roller  | 3.00003.309        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   | —                                          | 1               |
|            |             |                        | Delrin  | 4.00003.311        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  | —                                          | 7/8             |
|            |             |                        | Ball    | 4.00003.315        | 1/2"         | —                 | 1 7/8"     | —               | —        | —                                          | 7/8             |
|            |             |                        | Roller  | 4.00003.319        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  | —                                          | 7/8             |
| 4"         | 1 1/2"      | 600                    | Delrin  | 3.00004.301        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   | TG1: 57852.10                              | 1               |
|            |             |                        | Ball    | 3.00004.305        | 3/8"         | —                 | 1 7/8"     | —               | —        |                                            | 1               |
|            |             |                        | Roller  | 3.00004.309        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   |                                            | 1               |
|            |             |                        | Delrin  | 4.00004.311        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  | TG1: 57852.11                              | 1 1/8           |
|            |             |                        | Ball    | 4.00004.315        | 1/2"         | —                 | 1 7/8"     | —               | —        |                                            | 1 1/8           |
|            |             |                        | Roller  | 4.00004.319        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  |                                            | 1 1/8           |
| 5"         | 1 1/2"      | 600                    | Delrin  | 3.00005.301        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   | TG1: 57852.08                              | 1               |
|            |             |                        | Ball    | 3.00005.305        | 3/8"         | —                 | 1 7/8"     | —               | —        |                                            | 1               |
|            |             |                        | Roller  | 3.00005.309        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   |                                            | 1               |
|            |             |                        | Delrin  | 4.00005.311        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  | TG1: 52001.86                              | 1 1/2           |
|            |             |                        | Ball    | 4.00005.315        | 1/2"         | —                 | 1 7/8"     | —               | —        |                                            | 1 1/2           |
|            |             |                        | Roller  | 4.00005.319        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  |                                            | 1 1/2           |
| 6"         | 1 1/2"      | 800                    | Delrin  | 3.00006.301        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   | TG1: 52250.56                              | 1 3/4           |
|            |             |                        | Ball    | 3.00006.305        | 3/8"         | —                 | 1 7/8"     | —               | —        |                                            | 1 3/4           |
|            |             |                        | Roller  | 3.00006.309        | 3/4"         | 1 3/16"           | 1 5/8"     | 3/8"            | 1 7/8"   |                                            | 1 3/4           |
|            |             |                        | Delrin  | 4.00006.311        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  | TG1: 57551.05                              | 2               |
|            |             |                        | Ball    | 4.00006.315        | 1/2"         | —                 | 1 7/8"     | —               | —        |                                            | 2               |
|            |             |                        | Roller  | 4.00006.319        | 3/4"         | 1 3/16"           | 1 5/8"     | 1/2"            | 2 7/16"  |                                            | 2               |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- Metal cage roller bearing: Specify **"WB29"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sintered iron step washers: Specify **"WSR2"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

# Phenolic Wheels

Capacity up to 4000 lbs each • 5-8 SERIES

Phenolic resin wheels filled with macerated fabric. Quieter than steel or aluminum, provides superior floor protection. Resistant to hard impacts and most chemicals and steam. Standard color is black.

**Temperature range:** -45°F to +180°F. If metal washers specified: -45°F to +250°F (Roller and Ball bearings only).

**Hardness:** 90 (±5) Shore D Scale.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 3 1/4"     | 2"          | 700                    | Delrin  | 5.00003.331        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 1 1/8           |
|            |             |                        | Roller  | 5.00003.339        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 1 1/8           |
| 4"         | 2"          | 800                    | Delrin  | 5.00004.331        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 59042.06                              | 1 1/2           |
|            |             |                        | Roller  | 5.00004.339        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 1 1/2           |
| 5"         | 2"          | 1000                   | Delrin  | 5.00005.331        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 52007.94                              | 2 1/8           |
|            |             |                        | Roller  | 5.00005.339        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 2 1/8           |
| 6"         | 2"          | 1200                   | Delrin  | 5.00006.331        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 52001.86                              | 3               |
|            |             |                        | Roller  | 5.00006.339        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 3               |
|            | 2 1/2"      | 1600                   | Roller  | 6.00006.369        | 3/4"         | 1 3/16"           | 2 3/4"     | 1/2"            | 3"      | —                                          | 3 3/4           |
|            |             |                        | Delrin  | 7.00006.361        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 4 1/2           |
|            |             |                        | Roller  | 7.00006.369        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 4 1/2           |
|            |             |                        | Roller  | 8.00006.369        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2"  | —                                          | 4 1/2           |
|            | 3"          | 2000                   | Delrin  | 7.00006.371        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 5               |
|            |             |                        | Roller  | 7.00006.379        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 5               |
| 8"         | 2"          | 1400                   | Delrin  | 5.00008.331        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 57852.05                              | 4 3/4           |
|            |             |                        | Roller  | 5.00008.339        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 4 3/4           |
|            | 2 1/2"      | 1600                   | Roller  | 6.00008.369        | 3/4"         | 1 3/16"           | 2 3/4"     | 1/2"            | 3"      | —                                          | 4 3/4           |
|            |             |                        | Delrin  | 7.00008.361        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 5 1/2           |
|            |             |                        | Roller  | 7.00008.369        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 5 1/2           |
|            |             |                        | Roller  | 8.00008.369        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2"  | —                                          | 5 1/2           |
|            | 3"          | 2500                   | Delrin  | 7.00008.371        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 6               |
|            |             |                        | Roller  | 7.00008.379        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 6               |
| 10"        | 2 1/2"      | 1600                   | Roller  | 6.00010.369        | 3/4"         | 1 3/16"           | 2 3/4"     | 1/2"            | 3"      | —                                          | 7 3/4           |
|            |             |                        | Delrin  | 7.00010.361        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 8 1/4           |
|            |             | 2500                   | Roller  | 7.00010.369        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 8 1/4           |
|            |             |                        | Roller  | 8.00010.369        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2"  | —                                          | 8 1/4           |
|            | 3"          | 2900                   | Delrin  | 7.00010.371        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 9 1/2           |
|            |             |                        | Roller  | 7.00010.379        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 9 1/2           |
| 12"        | 3"          | 3500                   | Roller  | 8.00010.379        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2"  | —                                          | 9 1/2           |
|            |             |                        | Delrin  | 7.00012.371        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 12 1/2          |
|            |             |                        | Roller  | 7.00012.379        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 12 1/2          |
|            | 3 1/2"      | 4000                   | Roller  | 8.00012.389        | 1 1/4"       | 2 7/16"           | 4 1/4"     | 1"              | 4 9/16" | —                                          | 18 1/2          |

## WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

## Cast Iron Wheels

Capacity up to 600 lbs each • 2-4 SERIES



Should be specified when excessive load weights are involved and floor protection is not a factor. High strength to withstand sharp impacts. They should not be used if noise is of major concern or if loads are fragile.

**Temperature range:** -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller, Ball and Sleeve bearings only).

**Finish:** Green alkyd enamel.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 2 7/16"    | 1 1/4"      | 200                    | Sleeve  | 2.00002.12         | 5/8"         | —                 | 1 15/32"   | 3/8"            | 1 1/2"  | TG1: 57854.01                              | 3/4             |
| 3"         | 1 1/4"      | 200                    | Sleeve  | 2.00003.14         | 5/8"         | —                 | 1 15/32"   | 3/8"            | 1 1/2"  | —                                          | 1 1/4           |
|            | 1 1/2"      | 425                    | Delrin  | 3.00003.101        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  | TG1: 52250.62                              | 2 3/8           |
|            |             |                        | Roller  | 3.00003.109        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  |                                            | 2 3/8           |
|            |             |                        | Delrin  | 4.00003.111        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" | 57852.12—                                  | 2 3/8           |
|            |             |                        | Roller  | 4.00003.119        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" |                                            | 2 3/8           |
| 3 1/2"     | 1 1/4"      | 300                    | Sleeve  | 2.00003.12         | 5/8"         | —                 | 1 15/32"   | 3/8"            | 1 1/2"  | —                                          | 1 1/2           |
| 4"         | 1 1/4"      | 300                    | Sleeve  | 2.00004.12         | 5/8"         | —                 | 1 15/32"   | 3/8"            | 1 1/2"  | —                                          | 2               |
|            | 1 1/2"      | 500                    | Delrin  | 3.00004.101        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  | —                                          | 2 1/2           |
|            |             |                        | Roller  | 3.00004.109        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  | —                                          | 2 1/2           |
|            |             |                        | Delrin  | 4.00004.111        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" | TG1: 52007.94 —                            | 2 3/8           |
|            |             |                        | Roller  | 4.00004.119        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" |                                            | 2 3/8           |
| 5"         | 1 1/4"      | 300                    | Sleeve  | 2.00005.12         | 5/8"         | —                 | 1 15/32"   | 3/8"            | 1 1/2"  | TG1: 57551.02                              | 2 1/4           |
|            | 1 1/2"      | 600                    | Delrin  | 3.00005.101        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  | TG1: 52250.56                              | 3 1/4           |
|            |             |                        | Roller  | 3.00005.109        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  |                                            | 3 1/4           |
|            |             |                        | Delrin  | 4.00005.111        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" | TG1: 57551.05 —                            | 3 1/4           |
|            |             |                        | Roller  | 4.00005.119        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" |                                            | 3 1/4           |
| 6"         | 1 1/2"      | 600                    | Delrin  | 3.00006.101        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  | TG1: 57852.16                              | 4               |
|            |             |                        | Roller  | 3.00006.109        | 3/4"         | 1 3/16            | 1 5/8"     | 3/8"            | 1 7/8"  |                                            | 4               |
|            |             |                        | Delrin  | 4.00006.111        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" | TG1: 57852.04 —                            | 4               |
|            |             |                        | Roller  | 4.00006.119        | 3/4"         | 1 3/16            | 1 5/8"     | 1/2"            | 2 7/16" |                                            | 4               |

Note: Some cast iron models have solid cores depending on wheel diameter. Consult factory.

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

## Cast Iron Wheels

Capacity up to 4000 lbs each • 5-8 SERIES

Should be specified when excessive load weights are involved and floor protection is not a factor. High strength to withstand sharp impacts. They should not be used if noise is of major concern or if loads are fragile.

**Temperature range:** -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller, Ball & Sleeve bearings only).

**Finish:** Green alkyd enamel.

**Zerk Fitting:** Zerk grease fitting in hub is standard on 7 and 8 Series wheels.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                                            |                 |
| 4"         | 2"          | 1000                   | Delrin  | 5.00004.131        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 52007.94                              | 35/8            |
|            |             |                        | Roller  | 5.00004.139        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 35/8            |
|            | 4"          | 4000                   | Roller  | 7.00004.199        | 1 1/4"       | 1 15/16"          | 4 1/4"     | 1"              | 49/16" | —                                          | 9 1/2           |
| 5"         | 2"          | 1000                   | Delrin  | 5.00005.131        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | TG1: 57551.05                              | 5 1/8           |
|            |             |                        | Roller  | 5.00005.139        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" |                                            | 5 1/8           |
|            | 2 1/2"      | 2000                   | Delrin  | 7.00005.161        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 8 1/2           |
|            |             |                        | Roller  | 7.00005.169        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 8 1/2           |
|            |             |                        | Roller  | 8.00005.169        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2" | —                                          | 8 1/2           |
| 6"         | 2"          | 1500                   | Delrin  | 5.00006.131        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5 3/4           |
|            |             |                        | Roller  | 5.00006.139        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 5 3/4           |
|            | 2 1/2"      | 1600                   | Roller  | 6.00006.169        | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 9               |
|            |             | 2500                   | Delrin  | 7.00006.161        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 10 3/4          |
|            |             |                        | Roller  | 7.00006.169        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 10 3/4          |
|            |             |                        | Roller  | 8.00006.169        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2" | —                                          | 10 3/4          |
| 8"         | 2"          | 1500                   | Delrin  | 5.00008.131        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 8 1/2           |
|            |             |                        | Roller  | 5.00008.139        | 3/4"         | 13/16"            | 23/16"     | 1/2"            | 27/16" | —                                          | 8 1/2           |
|            | 2 1/2"      | 1600                   | Roller  | 6.00008.169        | 3/4"         | 13/16"            | 23/4"      | 1/2"            | 3"     | —                                          | 13              |
|            | 3"          | 2500                   | Delrin  | 7.00008.171        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 17 1/4          |
|            |             |                        | Roller  | 7.00008.179        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 17 1/4          |
|            |             |                        | Roller  | 8.00008.179        | 1 1/4"       | 27/16"            | 3 1/4"     | 1"              | 39/16" | —                                          | 17 1/2          |
| 10"        | 2 1/2"      | 1600                   | Roller  | 6.00010.169        | 3/4"         | 13/16"            | 23/4"      | 3/8"            | 3"     | —                                          | 18              |
|            |             |                        | Delrin  | 7.00010.161        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 18              |
|            |             |                        | Roller  | 7.00010.169        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 18              |
|            | 3"          | 2500                   | Delrin  | 7.00010.171        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 20 1/2          |
|            |             |                        | Roller  | 7.00010.179        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 20 1/2          |
|            |             |                        | Roller  | 8.00010.179        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2" | —                                          | 20 1/2          |
| 12"        | 3"          | 2500                   | Delrin  | 7.00012.171        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 23 1/2          |
|            |             | 3000                   | Roller  | 7.00012.179        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | —                                          | 23 1/2          |
|            |             |                        | Roller  | 8.00012.179        | 1 1/4"       | 1 15/16"          | 3 1/4"     | 1"              | 3 1/2" | —                                          | 23 1/2          |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

## Forged Steel Wheels

Capacity up to 4500 lbs each • 5-8 SERIES



For exceptionally heavy duty service where floor protection is not a factor. Forged steel wheels have almost unbreakable construction, great wear resistance and take shock impacts very well in power drawn service. They should not be used if noise is of major concern or if loads are fragile.

**Temperature range:** -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller bearings only).

**Finish:** Green alkyd enamel.

**Zerk Fitting:** Zerk grease fitting in hub is standard on 7 and 8 Series wheels.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 4"         | 1 1/2"      | 1400                   | Delrin  | 5.00004.211        | 3/4"         | 1 3/16            | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 3               |
|            |             |                        | Roller  | 5.00004.219        | 3/4"         | 1 3/16            | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 3               |
| 5"         | 2"          | 1500                   | Delrin  | 5.00005.231        | 3/4"         | 1 3/16            | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 57551.05                              | 5               |
|            |             |                        | Roller  | 5.00005.239        | 3/4"         | 1 3/16            | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 5               |
| 6"         | 2"          | 1700                   | Delrin  | 5.00006.231        | 3/4"         | 1 3/16            | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 6               |
|            |             |                        | Roller  | 5.00006.239        | 3/4"         | 1 3/16            | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 6               |
|            | 2 1/2"      | 4000                   | Delrin  | 7.00006.261        | 1"           | 1 15/16           | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 10 1/2          |
|            |             |                        | Roller  | 7.00006.269        | 1"           | 1 15/16           | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 10 1/2          |
|            |             |                        | Roller  | 8.00006.269        | 1 1/4"       | 1 15/16           | 3 1/4"     | 1"              | 3 1/2"  | —                                          | 10 1/2          |
|            |             |                        |         |                    |              |                   |            |                 |         |                                            |                 |
| 8"         | 3"          | 4500                   | Delrin  | 7.00008.271        | 1"           | 1 15/16           | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 21              |
|            |             |                        | Roller  | 7.00008.279        | 1"           | 1 15/16           | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 21              |
|            |             |                        | Roller  | 8.00008.279        | 1 1/4"       | 2 7/16            | 3 1/4"     | 1"              | 3 9/16" | —                                          | 21              |
| 10"        | 3"          | 4500                   | Delrin  | 7.00010.271        | 1"           | 1 15/16           | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 30              |
|            |             |                        | Roller  | 7.00010.279        | 1"           | 1 15/16           | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 30              |
|            |             |                        | Roller  | 8.00010.279        | 1 1/4"       | 2 7/16            | 3 1/4"     | 1"              | 3 9/16" | —                                          | 30              |

### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**

## V-Groove Wheels

**Capacity up to 8000 lbs each • 5-7 SERIES**

For track or floor operation on inverted angle iron track in production lines. Also used with hand or conveyor trucks. Wheels are cast with reinforced section at maximum stress points. V-Groove surface and face are machine finished.

These wheels handle loads from 800 to 8,000 lbs. per wheel. Designed for floor operation, or for track mounted flush or on top of floors. Gives greater flexibility and better use of available floor space. Curves and switches may be used in track operation.

Wheels are cast with reinforced section at maximum stress points. Type of track layout and casters are dependent upon floor conditions, area, distance and load. Consult your local Colson representative for advice on the proper caster for the most economic and efficient handling of your particular application.

**Temperature range:** -45°F to +180°F. If metal washers specified: -45°F to +500°F (Roller bearing only).

**Finish:** Green alkyd enamel.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Thread Guard<br>TG1: Metal<br>TG2: Plastic | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|--------------------------------------------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                                            |                 |
| 4"         | 2"          | 800                    | Delrin  | 5.00004.731        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | TG1: 57852.07                              | 37/8            |
|            |             |                        | Roller  | 5.00004.739        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" |                                            | 37/8            |
| 6"         | 2"          | 1200                   | Delrin  | 5.00006.731        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 6 1/4           |
|            |             |                        | Roller  | 5.00006.739        | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | —                                          | 6 1/4           |
|            | 2 1/2"      | 2500                   | Delrin  | 7.00006.761        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 9 1/4           |
|            |             |                        | Roller  | 7.00006.769        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 9 1/4           |
|            | 3"          | 8000                   | Roller  | 7.00006.789*       | 1"           | 2 7/16"           | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 20              |
| 8"         | 3"          | 2500                   | Delrin  | 7.00008.771        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 13 1/2          |
|            |             |                        | Roller  | 7.00008.779        | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2"  | —                                          | 13 1/2          |

\*The 6" x 3" V-Groove wheel is forged steel. All other models are cast iron.

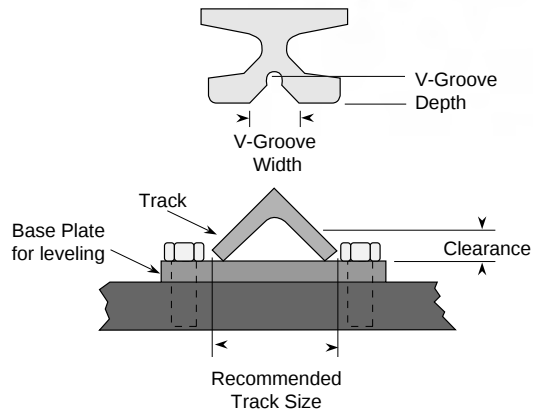
### WHEEL OPTIONS

- Delrin Bearing Less Bushing: Specify **"WB01B"**
- 1-Piece Delrin Bearing with Bushing (2" tread width): Specify **"WB11"**
- 1-Piece Delrin Bearing less Bushing (2" tread width): Specify **"WB11B"**
- Torrington style with Hytrel retainer (2" tread width): Specify **"WB19"**
- Roller Bearing less Bushing: Specify **"WB09B"**
- Roller bearing metal thrust & retainer washers: Specify **"WSR1"**
- Roller bearing sealed metal retainer washer: Specify **"WSR3"**



| Wheel Dia. | Tread Width | V-Groove Width | V-Groove Depth | Recommended Track Size | Clearance |
|------------|-------------|----------------|----------------|------------------------|-----------|
| 4"         | 2"          | 3/4"           | 3/8"           | 1 1/2" x 1 1/2"        | 13/16"    |
| 6"         | 2"          | 3/4"           | 3/8"           | 1 1/2" x 1 1/2"        | 13/16"    |
|            | 2 1/2"      | 3/4"           | 3/8"           | 1 1/2" x 1 1/2"        | 13/16"    |
|            | 3"          | 13/8"          | 11/16"         | 2" x 2"                | 13/16"    |
| 8"         | 3"          | 3/4"           | 3/8"           | 2" x 2"                | 1 1/16"   |

Recommended track size and clearance dimensions are in the chart above. The base plate may be mounted directly to floor or to a cement grouting for leveling track if necessary because of uneven floor conditions.



WHEEL SELECTION

# 2 *encore*<sup>™</sup> SERIES

Capacity up to 260 lbs each

## Top Plate Swivel & Rigid



### Standard Features

- Zinc plated finish is attractive and durable
- Full double ball hardened raceways for better performance and greater durability
- 3/8" hollow axle with lock nut
- Grease holes on wheel bearing for greater convenience

## Performance Options

### Caster Brake

#### Total Lock Brake (See page 10)

Locks wheel and swivel simultaneously. Fits 3 1/2", 4" and 5" swivel models. Field installable (Specify **BRK5**).

#### Side Lock Brake (See page 10)

Available on all swivel models. Field installable (Specify **BRK1**).

## Wheel Selection



ECOFORMA  
FLAT GREY TREAD



ECOPOLY



ECOFORMA  
ROUND GREY TREAD



SOFT RUBBER



HARD RUBBER

## Introducing Encore!

The latest in a long line of cost saving efforts with you, our customer, in mind.

## 2 SERIES ENCORE • Top Plate Swivel & Rigid • Capacity up to 200 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions            | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|-------------------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 3"         | 1 1/4"      | 115                    | Ecoforma Rubber (Flat tread)  | Delrin        | E2.03856.471                   | E2.03808.471                  | 4 1/8       | 2 21/32       | 2               |
|            |             |                        | Ecoforma Rubber (Flat tread)  | Ball          | E2.03856.485                   | E2.03808.485                  | 4 1/8       | 2 21/32       | 2               |
|            |             | 175                    | Soft Rubber                   | Plain         | E2.03856.42                    | E2.03808.42                   | 4 1/8       | 2 21/32       | 2               |
|            |             |                        | Ecopoly                       | Delrin        | E2.03856.951                   | E2.03808.951                  | 4 1/8       | 2 21/32       | 2               |
|            |             | 200                    | Ecopoly                       | Ball          | E2.03856.955                   | E2.03808.955                  | 4 1/8       | 2 21/32       | 2               |
|            |             |                        | Hard Rubber                   | Plain         | E2.03856.52                    | E2.03808.52                   | 4 1/8       | 2 21/32       | 2               |
| 3 1/2"     | 1 1/4"      | 170                    | Ecoforma Rubber (Round tread) | Delrin        | E2.03756.581                   | E2.03708.581                  | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Ecoforma Rubber (Round tread) | Ball          | E2.03756.585                   | E2.03708.585                  | 4 11/16     | 2 29/32       | 2               |
|            |             | 200                    | Ecoforma Rubber (Flat tread)  | Delrin        | E2.03756.471                   | E2.03708.471                  | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Ecoforma Rubber (Flat tread)  | Ball          | E2.03756.485                   | E2.03708.485                  | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Ecopoly                       | Delrin        | E2.03756.951                   | E2.03708.951                  | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Ecopoly                       | Ball          | E2.03756.955                   | E2.03708.955                  | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Soft Rubber                   | Plain         | E2.03756.42                    | E2.03708.42                   | 4 11/16     | 2 29/32       | 2               |
|            |             |                        | Hard Rubber                   | Plain         | E2.03756.52                    | E2.03708.52                   | 4 11/16     | 2 29/32       | 2               |
|            |             | 260                    | Soft Rubber                   | Plain         | E2.04756.42                    | E2.04708.42                   | 3 7/8       | 2 13/32       | 2 1/4           |
|            |             |                        | Ecopoly                       | Delrin        | E2.04756.951                   | E2.04708.951                  | 3 7/8       | 2 13/32       | 2 1/4           |
| 4"         | 1 1/4"      | 220                    | Ecopoly                       | Ball          | E2.04756.955                   | E2.04708.955                  | 3 7/8       | 2 13/32       | 2 1/8           |
|            |             |                        | Ecoforma Rubber (Flat tread)  | Delrin        | E2.04756.471                   | E2.04708.471                  | 3 7/8       | 2 13/32       | 2 1/8           |
|            |             | 240                    | Ecoforma Rubber (Flat tread)  | Ball          | E2.04756.485                   | E2.04708.485                  | 3 7/8       | 2 13/32       | 2               |
|            |             |                        | Hard Rubber                   | Plain         | E2.04756.52                    | E2.04708.52                   | 3 7/8       | 2 13/32       | 2               |
|            |             | 260                    | Soft Rubber                   | Plain         | E2.05756.42                    | E2.05708.42                   | 3 7/8       | 2 13/32       | 2 3/4           |
|            |             |                        | Ecoforma Rubber (Round tread) | Delrin        | E2.05756.581                   | E2.05708.581                  | 3 7/8       | 2 13/32       | 2 3/4           |
| 5"         | 1 1/4"      | 200                    | Ecoforma Rubber (Round tread) | Ball          | E2.05756.585                   | E2.05708.585                  | 3 7/8       | 2 13/32       | 3               |
|            |             |                        | Ecopoly                       | Delrin        | E2.05756.951                   | E2.05708.951                  | 3 7/8       | 2 13/32       | 3               |
|            |             |                        | Ecopoly                       | Ball          | E2.05756.955                   | E2.05708.955                  | 3 7/8       | 2 13/32       | 2 1/2           |
|            |             | 240                    | Ecoforma Rubber (Flat tread)  | Delrin        | E2.05756.471                   | E2.05708.471                  | 3 7/8       | 2 13/32       | 2 1/2           |
|            |             |                        | Ecoforma Rubber (Flat tread)  | Ball          | E2.05756.485                   | E2.05708.485                  | 3 7/8       | 2 13/32       | 2               |
|            |             |                        | Hard Rubber                   | Plain         | E2.05756.52                    | E2.05708.52                   | 3 7/8       | 2 13/32       | 2               |

2 SERIES ENCORE

# 4 *encore*™ SERIES

Capacity up to 1000 lbs each

## Top Plate Swivel & Rigid



### Standard Features

- Attractive zinc plated finish
- 1/2" hollow axle with grease zerk and lock nut
- Plastic seal/retainer washer (roller bearing models)
- 1/4" steel top plate for durability
- Permanent rivet king pin with 5/8" diameter rivet
- Grease fittings: wheel bearing and swivel raceway

## Performance Options

### Caster Brake

**Side Lock** (See page 11)  
Available on swivel roller bearing and one piece Delrin models except 3 1/4" diameter (Specify **BRK3**).

## Wheel Selection



ECOFORMA  
FLAT GREY TREAD



ECOFORMA  
FLAT BLACK TREAD



ECOFORMA  
ROUND GREY TREAD



MOLDON RUBBER  
CAST IRON



GLASS FILLED  
NYLON



ECOPOLY



POLYURETHANE  
CAST IRON



CAST IRON

# 4 SERIES ENCORE • Top Plate Swivel & Rigid • Capacity up to 1000 lbs

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Wheel Descriptions                   | Wheel Bearing | Swivel Top Plate Caster Models | Rigid Top Plate Caster Models | Load Height | Swivel Radius | Weight (Pounds) |
|------------|-------------|------------------------|--------------------------------------|---------------|--------------------------------|-------------------------------|-------------|---------------|-----------------|
| 4"         | 2"          | 280                    | Ecoforma Rubber (Flat/Black)         | Delrin, Ball  | E4.04169.479.2                 | E4.04168.479.2                | 5 5/8       | 3 9/16        | 5 3/4           |
|            |             |                        | Ecoforma Rubber (Flat/Grey)          | Delrin, Ball  | E4.04169.479                   | E4.04168.479                  | 5 5/8       | 3 9/16        | 5 3/4           |
|            |             | 320                    | Moldon Rubber (Cast Iron Core)       | Delrin        | E4.04169.649.7                 | E4.04168.649.7                | 5 5/8       | 3 9/16        | 7 1/4           |
|            |             | 480                    | Ecopoly                              | Delrin        | E4.04169.929.7                 | E4.04168.929.7                | 5 5/8       | 3 9/16        | 4 3/4           |
|            |             | 560                    | Moldon Polyurethane (Cast Iron Core) | Delrin        | E4.04169.949.7                 | E4.04168.949.7                | 5 5/8       | 3 9/16        | 7 1/4           |
|            |             | 640                    | Glass Filled Nylon                   | Delrin        | E4.04169.539                   | E4.04168.539                  | 5 5/8       | 3 9/16        | 4 1/8           |
| 5"         | 2"          | 800                    | Cast Iron                            | Delrin        | E4.04169.139                   | E4.04168.139                  | 5 5/8       | 3 9/16        | 7 7/8           |
|            |             | 300                    | Ecoforma Rubber (Flat/Black)         | Delrin, Ball  | E4.05169.479.2                 | E4.05168.479.2                | 6 1/2       | 3 7/8         | 6 1/8           |
|            |             |                        | Ecoforma Rubber (Flat/Grey)          | Delrin, Ball  | E4.05169.479                   | E4.05168.479                  | 6 1/2       | 3 7/8         | 6 1/8           |
|            |             | 320                    | Moldon Rubber (Cast Iron Core)       | Delrin        | E4.05169.649.7                 | E4.05168.649.7                | 6 1/2       | 3 7/8         | 8 1/8           |
|            |             | 600                    | Ecopoly                              | Delrin        | E4.05169.929.7                 | E4.05168.929.7                | 6 1/2       | 3 7/8         | 4 3/4           |
|            |             |                        | Moldon Polyurethane (Cast Iron Core) | Delrin        | E4.05169.949.7                 | E4.05168.949.7                | 6 1/2       | 3 7/8         | 8 1/8           |
| 6"         | 2"          | 800                    | Glass Filled Nylon                   | Delrin        | E4.05169.539                   | E4.05168.539                  | 6 1/2       | 3 7/8         | 4 1/2           |
|            |             |                        | Cast Iron                            | Delrin        | E4.05169.139                   | E4.05168.139                  | 6 1/2       | 3 7/8         | 8 7/8           |
|            |             | 480                    | Ecoforma Rubber (Flat/Black)         | Delrin, Ball  | E4.06169.479.2                 | E4.06168.479.2                | 7 1/2       | 4 5/8         | 6 1/8           |
|            |             |                        | Ecoforma Rubber (Flat/Grey)          | Delrin, Ball  | E4.06169.479                   | E4.06168.479                  | 7 1/2       | 4 5/8         | 6 1/8           |
|            |             | 360                    | Ecoforma Rubber (Round Grey)         | Delrin, Ball  | E4.06169.579                   | E4.06168.579                  | 7 1/2       | 4 5/8         | 6 1/8           |
|            |             |                        | Moldon Rubber (Cast Iron Core)       | Delrin        | E4.06169.649.7                 | E4.06168.649.7                | 7 1/2       | 4 5/8         | 10 1/2          |
| 8"         | 2"          | 720                    | Ecopoly                              | Delrin        | E4.06169.929.7                 | E4.06168.929.7                | 7 1/2       | 4 5/8         | 5               |
|            |             | 960                    | Moldon Polyurethane (Cast Iron Core) | Delrin        | E4.06169.949.7                 | E4.06168.949.7                | 7 1/2       | 4 5/8         | 10 1/2          |
|            |             |                        | Glass Filled Nylon                   | Delrin        | E4.06169.539                   | E4.06168.539                  | 7 1/2       | 4 5/8         | 4 3/4           |
|            |             | 1000                   | Cast Iron                            | Delrin        | E4.06169.139                   | E4.06168.139                  | 7 1/2       | 4 5/8         | 9 3/4           |
|            |             | 540                    | Ecoforma Rubber (Flat/Black)         | Delrin, Ball  | E4.08169.479.2                 | E4.08168.479.2                | 9 1/2       | 6 1/8         | 6 1/4           |
|            |             |                        | Ecoforma Rubber (Flat/Grey)          | Delrin, Ball  | E4.08169.479                   | E4.08168.479                  | 9 1/2       | 6 1/8         | 6 1/4           |
| 8"         | 2"          | 480                    | Ecoforma Rubber (Round Grey)         | Delrin, Ball  | E4.08169.579                   | E4.08168.579                  | 9 1/2       | 6 1/8         | 6 1/4           |
|            |             | 400                    | Moldon Rubber (Cast Iron Core)       | Delrin        | E4.08169.649.7                 | E4.08168.649.7                | 9 1/2       | 6 1/8         | 13 1/4          |
|            |             | 800                    | Ecopoly                              | Delrin        | E4.08169.929.7                 | E4.08168.929.7                | 9 1/2       | 6 1/8         | 5 3/4           |
|            |             |                        | Moldon Polyurethane (Cast Iron Core) | Delrin        | E4.08169.949.7                 | E4.08168.949.7                | 9 1/2       | 6 1/8         | 13 1/4          |
|            |             | 1000                   | Glass Filled Nylon                   | Delrin        | E4.08169.539                   | E4.08168.539                  | 9 1/2       | 6 1/8         | 5 1/2           |
|            |             |                        | Cast Iron                            | Delrin        | E4.08169.139                   | E4.08168.139                  | 9 1/2       | 6 1/8         | 12 1/2          |

**Delrin Bearing Options:** For standard two-piece bearing change 10th digit to "1" (Example: E4.06109.921.7).

**Ball Bearing Options:** To order change 10th digit in model number to "5" (Example: E4.06109.475).

4 SERIES

## Ecoforma Wheels

### Capacity up to 540 lbs each • 2 & 4 SERIES • Flat Grey Tread

Ecoforma wheels offer the advantages of both hard and soft tread materials in a single wheel. Like a hard tread wheel, Ecoforma rolls easily and is very durable. Like a soft tread wheel, it rolls quietly, protects floors and resists impacts with a cushion ride. It also features maximum weatherability, low temperature flexibility, resistance to chemicals, water and steam, and rejects floor debris

such as metal shavings. Non-marking thermoplastic elastomer tread is permanently bonded to durable polyolefin wheel core.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 65(±5) Durometer Shore A scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 3"         | 1 1/4"      | 180                    | Delrin  | E2.00033.471       | 1/2"         | 29/32"            | 17/16"     | 3/8"            | 1 1/2"  | 1/4             |
| 3 1/2"     | 1 1/4"      | 200                    | Delrin  | E2.00003.471       | 1/2"         | 29/32"            | 17/16"     | 3/8"            | 1 1/2"  | 1/4             |
| 4"         | 1 1/4"      | 240                    | Delrin  | E2.00004.471       | 1/2"         | 29/32"            | 17/16"     | 3/8"            | 1 1/2"  | 1/4             |
|            | 2"          | 280                    | Delrin  | E5.00004.471       | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 3/8             |
| 5"         | 1 1/4"      | 260                    | Delrin  | E2.00005.471       | 1/2"         | 29/32"            | 17/16"     | 3/8"            | 1 1/2"  | 1/4             |
|            | 2"          | 300                    | Delrin  | E5.00005.471       | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 1/4             |
| 6"         | 1 1/4"      | 280                    | Delrin  | E2.00006.471       | 1/2"         | 29/32"            | 1 1/32"    | 3/8"            | 1 7/64" | 1/4             |
|            | 2"          | 480                    | Delrin  | E5.00006.471       | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 1 1/2"  | 1/4             |
| 8"         | 2"          | 540                    | Delrin  | E5.00008.471       | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 1/4             |

**Annular Ball Bearing Option (2 Series):** Change the last two digits to "85." Example: E2.00033.485.

**Cartridge Bearing Option (4 Series):** Change the last two digits to "75." Example: E5.00004.475.

**Roller Bearing Option (4 Series):** Change the last two digits to "79." Example: E5.00004.479.

**Less Bearing Option (4 Series):** Change the last two digits to "76." Example: E5.00004.476.

### Capacity up to 540 lbs each • 4 SERIES • Flat Black Tread

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 4"         | 2"          | 280                    | Delrin  | E5.00004.471.2     | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 1 1/4"          |
| 5"         | 2"          | 300                    | Delrin  | E5.00005.471.2     | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 1 1/2"          |
| 6"         | 2"          | 480                    | Delrin  | E5.00006.471.2     | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 1 3/4"          |
| 8"         | 2"          | 540                    | Delrin  | E5.00008.471.2     | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 2 1/2"          |

**Cartridge Bearing Option (4 Series):** Change the 9th and 10th digits to "75." Example: E5.00004.475.2.

**Roller Bearing Option (4 Series):** Change the 9th and 10th digits to "79." Example: E5.00004.479.2.

**Less Bearing Option (4 Series):** Change the 9th and 10th digits to "76." Example: E5.00004.476.2.

### Capacity up to 480 lbs each • 2 & 4 SERIES • Round Grey Tread

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 3 1/2"     | 1 1/4"      | 170                    | Delrin  | E2.00003.571       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 1/4"            |
| 5"         | 2"          | 200                    | Delrin  | E2.00005.571       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 7/8"            |
| 6"         | 2"          | 360                    | Delrin  | E5.00006.571       | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 1 5/8"          |
| 8"         | 2"          | 480                    | Delrin  | E5.00008.571       | 3/4"         | 13/16"            | 2 3/16"    | 1/2"            | 2 7/16" | 2 1/4"          |

**Annular Ball Bearing Option (2 Series):** Change the last two digits to "85." Example: E2.00003.585.

**Cartridge Bearing Option (4 Series):** Change the last two digits to "75." Example: E5.00005.575.

**Roller Bearing Option (4 Series):** Change the last two digits to "79." Example: E5.00005.579.

**Less Bearing Option (4 Series):** Change the last two digits to "76." Example: E5.00005.576.

## Soft Rubber Wheels

### Capacity up to 200 lbs each • 2 SERIES

Conventional-style rubber wheels. Provides good floor protection and quiet operation.

Temperature range: -20°F to +160°F.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                 |
| 2½"        | 1¼"         | 100                    | Plain   | E2.00002.42        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 1/2"            |
| 3"         | 1¼"         | 175                    | Plain   | E2.00033.42        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 1/2"            |
| 3½"        | 1¼"         | 200                    | Plain   | E2.00003.42        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 3/4"            |
| 4"         | 1¼"         | 200                    | Plain   | E2.00004.42        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 7/8"            |
| 5"         | 1¼"         | 200                    | Plain   | E2.00005.42        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 1"              |

## Hard Rubber Wheels

### Capacity up to 300 lbs each • 2 SERIES

Conventional-style rubber wheels. Provides good floor protection and quiet operation.

Temperature range: -20°F to +160°F.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                 |
| 2½"        | 1¼"         | 100                    | Plain   | E2.00002.52        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 1/2"            |
| 3"         | 1¼"         | 175                    | Plain   | E2.00033.52        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 1/2"            |
| 3½"        | 1¼"         | 200                    | Plain   | E2.00003.52        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 3/4"            |
| 4"         | 1¼"         | 200                    | Plain   | E2.00004.52        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 7/8"            |
| 5"         | 1¼"         | 200                    | Plain   | E2.00005.52        | 3/8"         | N/A               | 1 11/25"   | —               | —      | 1"              |

## Ecopoly Wheels

### Capacity up to 800 lbs each • 2 & 4 SERIES

Industrial strength polyurethane tread bonded to "ribbed" polyolefin core. This design adds strength for loads subjected to shock and hard impacts. Tread is molded in, around and through a ribbed extension of the core to prevent debonding. Standard colors are red tread on grey core.

Not recommended for conditions of continuous operation such as tow-line, etc.

Temperature range: -45°F to +180°F.

Hardness: 55(±5) Durometer Shore D scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 2½"        | 1¼"         | 200                    | Delrin  | E2.00002.951       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 1/4"            |
| 3"         | 1¼"         | 160                    | Delrin  | E2.00033.951       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 1/3"            |
| 3½"        | 1¼"         | 200                    | Delrin  | E2.00003.951       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 3/8"            |
| 4"         | 1¼"         | 220                    | Delrin  | E2.00004.951       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 1/2"            |
|            | 2"          | 480                    | Delrin  | E5.00004.921.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 1 1/2"          |
| 5"         | 1¼"         | 240                    | Delrin  | E2.00005.951       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 1/4"            |
|            | 2"          | 600                    | Delrin  | E5.00005.921.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 1 1/2"          |
| 6"         | 1¼"         | 300                    | Delrin  | E2.00006.951       | 1/2"         | 29/32"            | 1 7/16"    | 3/8"            | 1 1/2"  | 1/4"            |
|            | 2"          | 720                    | Delrin  | E5.00006.921.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 1 7/8"          |
| 3½"        | 2"          | 800                    | Delrin  | E5.00008.921.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 1 3/4"          |



ENCORE WHEELS

## Semi Steel Wheels

Capacity up to 1500 lbs each • 4 SERIES



For exceptionally heavy duty service where floor protection is not a factor. Forged steel wheels have almost unbreakable construction, great wear resistance and take shock impacts very well in power drawn service. They should not be used if noise is of major concern or if loads are fragile.

**Temperature range:** -45°F to +180°F. If metal washers specified: -45°F to + 500°F (Roller bearings only).

**Finish:** Green alkyd enamel.

**Zerk Fitting:** Zerk grease fitting in hub is standard on 7 and 8 Series wheels.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 4"         | 2"          | 1000                   | Roller  | E5.00004.139       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 3 5/8           |
| 5"         | 2"          | 1000                   | Roller  | E5.00005.139       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 5 1/8           |
| 6"         | 2"          | 1500                   | Roller  | E5.00006.139       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 5 3/4           |
| 8"         | 2"          | 1500                   | Roller  | E5.00008.139       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 8 1/2           |

**Less Bearing Option:** change last digit to "6." Example: E5.00004.136.

## Glass Filled Nylon Wheels

Capacity up to 1120 lbs each • 4 SERIES



Encore Glass Filled Nylon wheels feature an exclusive, ultra-tough thermoplastic compound that resists hard impacts and drop-shocks. The wheel is impervious to most chemicals, solvents, salts, gases, alkalines and steam cleaning and does not absorb water. When compared to other hard tread wheels, these Glass Filled Nylon wheels require less force to

roll and swivel. It is ideal for many industrial and institutional applications and is NSF listed for the food service industry. The wheel is non-marking.

**Temperature range:** -45°F to +180°F (normal). To +350°F if you specify a bronze or roller bearing with mid-temp grease.

**Hardness:** 85(±5) Durometer Shore D scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 4"         | 2"          | 640                    | Roller  | E5.00004.539       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 1               |
| 5"         | 2"          | 800                    | Roller  | E5.00005.539       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 1 1/4           |
| 6"         | 2"          | 960                    | Roller  | E5.00006.539       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 1 1/2           |
| 8"         | 2"          | 1120                   | Roller  | E5.00008.539       | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 2               |

**Less Bearing Option:** change last digit to "6." Example: E5.00004.536.

## Moldon Rubber Cast Iron Wheels

### Capacity up to 400 lbs each • 4 SERIES

Moldon rubber is bonded to cast iron core. These wheels are quiet in operation and absorb shock and vibration. They help prolong equipment life and protect cargo.

**Temperature Range:** -45°F to +160°F.

**Hardness:** 70(±5) Durometer Shore A scale.

**Zerk Fitting:** Zerk grease fitting in hub is standard on 7 Series.

**Finish:** Black painted cast iron wheel core.



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 4"         | 2"          | 320                    | Roller  | E5.00004.649.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 4 3/8           |
| 5"         | 2"          | 320                    | Roller  | E5.00005.649.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 5               |
| 6"         | 2"          | 360                    | Roller  | E5.00006.649.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 5 5/8           |
| 8"         | 2"          | 400                    | Roller  | E5.00008.649.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 9 1/4           |

**Less Bearing Option:** change the 10th digit to "6." Example E5.00004.646.7.

## Polyurethane Cast Iron Core Wheels

### Capacity up to 1200 lbs each • 4 SERIES

A strong, ultra-durable wheel. It has a very high strength-to-weight ratio and is capable of long service under heavy loads. Red polyurethane is bonded to cast iron core.

**Temperature range:** -45°F to +180°F.

**Hardness:** 95(±5) Durometer Shore A scale. Finish: Silver paint (wheel core)



| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |         | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|---------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length  |                 |
| 4"         | 2"          | 560                    | Roller  | E5.00004.949.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 4 3/4           |
| 5"         | 2"          | 800                    | Roller  | E5.00005.949.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 5               |
| 6"         | 2"          | 960                    | Roller  | E5.00006.949.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 5 5/8           |
| 8"         | 2"          | 1200                   | Roller  | E5.00008.949.7     | 3/4"         | 1 3/16"           | 2 3/16"    | 1/2"            | 2 7/16" | 9 1/4           |

**Less Bearing Option:** change the 10th digit to "6." Example E5.00004.946.7.

ENCORE WHEELS

## Handtruck Wheels

**Capacity up to 600 lbs each • 4 SERIES • Round Black/Grey Tread**

**Offset hub design.** Light weight, high performance handtruck wheels that roll longer, quieter and smoother without marking floors.

**Temperature range:** -45°F to +180°F intermittent service (120° continuous service).

**Hardness:** 55(±5) Shore A Scale.

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing                  | Wheel Model Number | Wheel        |                   | Hub                 |                     | Weight (Pounds) |
|------------|-------------|------------------------|--------------------------|--------------------|--------------|-------------------|---------------------|---------------------|-----------------|
|            |             |                        |                          |                    | Bearing Bore | Bore Less Bearing | Length Less Bearing | Length With Bearing |                 |
| 8"         | 2"          | 280                    | None (1 3/4" Offset Hub) | E5.00008.586.2     | N/A          | 1 3/8"            | 1 5/8"              | 1 7/8"              | 2 1/4           |
| 8"         | 2"          | 280                    | Ball (2" Offset Hub)     | E5.00008.585.2     | 5/8"         | 1 3/8"            | 1 3/4"              | 1 7/8"              | 2 1/4           |
| 8"         | 2"          | 280                    | None (2" Offset Hub)     | E5.00008.596.2     | N/A          | 1 3/8"            | 1 5/8"              | 1 7/8"              | 2 1/4           |
| 8"         | 2"          | 280                    | Ball (2 1/4" Offset Hub) | E5.00008.595.2     | 5/8"         | 1 3/8"            | 1 3/4"              | 1 7/8"              | 2 1/4           |
| 10"        | 2"          | 600                    | None (2" Offset Hub)     | E5.00010.596.2     | N/A          | 1 3/8"            | 1 5/8"              | 1 7/8"              | 2 7/10          |
| 10"        | 2"          | 600                    | Ball (2 1/4" Offset Hub) | E5.00010.595.2     | 5/8"         | 1 3/8"            | 1 3/4"              | 1 7/8"              | 2 7/10          |

### Round Grey Tread Models

|     |    |     |                          |              |      |        |        |        |        |
|-----|----|-----|--------------------------|--------------|------|--------|--------|--------|--------|
| 8"  | 2" | 280 | None (1 3/4" Offset Hub) | E5.00008.586 | N/A  | 1 3/8" | 1 5/8" | 1 7/8" | 2 1/4  |
| 8"  | 2" | 280 | Ball (2" Offset Hub)     | E5.00008.585 | 5/8" | 1 3/8" | 1 3/4" | 1 7/8" | 2 1/4  |
| 8"  | 2" | 280 | None (2" Offset Hub)     | E5.00008.596 | N/A  | 1 3/8" | 1 5/8" | 1 7/8" | 2 1/4  |
| 8"  | 2" | 280 | Ball (2 1/4" Offset Hub) | E5.00008.595 | 5/8" | 1 3/8" | 1 3/4" | 1 7/8" | 2 1/4  |
| 10" | 2" | 600 | None (2" Offset Hub)     | E5.00010.596 | N/A  | 1 3/8" | 1 5/8" | 1 7/8" | 2 7/10 |
| 10" | 2" | 600 | Ball (2 1/4" Offset Hub) | E5.00010.595 | 5/8" | 1 3/8" | 1 3/4" | 1 7/8" | 2 7/10 |

**Capacity up to 500 lbs each • 4 SERIES • Flat Grey Tread**

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing           | Wheel Model Number | Wheel        |                   | Hub                 |                     | Weight (Pounds) |
|------------|-------------|------------------------|-------------------|--------------------|--------------|-------------------|---------------------|---------------------|-----------------|
|            |             |                        |                   |                    | Bearing Bore | Bore Less Bearing | Length Less Bearing | Length With Bearing |                 |
| 10"        | 1 1/2"      | 500                    | None (Center Hub) | E4.00010.446       | N/A          | 1 3/8"            | 1 5/8"              | 1 7/8"              | 2 7/10          |
| 10"        | 1 1/2"      | 500                    | Ball (Center Hub) | E4.00010.445       | 5/8"         | 1 3/8"            | 1 3/4"              | 1 7/8"              | 2 7/10          |

## Moldon Polyurethane Cast Iron Wheels

**Capacity up to 2800 lbs each • 7 SERIES**

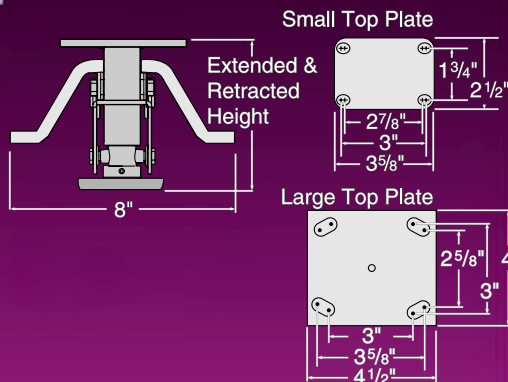
A strong, ultra-durable wheel. It has a very high strength-to-weight ratio and is capable of long service under heavy loads. Red polyurethane is bonded to cast iron core.

**Temperature range:** -45°F to +180°F.

**Hardness:** 95(±5) Durometer Shore A scale. Finish: Silver paint (wheel core)

| Wheel Dia. | Tread Width | Capacity Each (Pounds) | Bearing | Wheel Model Number | Wheel        |                   |            | Spanner Bushing |        | Weight (Pounds) |
|------------|-------------|------------------------|---------|--------------------|--------------|-------------------|------------|-----------------|--------|-----------------|
|            |             |                        |         |                    | Bearing Bore | Bore Less Bearing | Hub Length | Bore            | Length |                 |
| 6"         | 2 1/2"      | 1296                   | Roller  | E7.00006.969.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 10              |
| 6"         | 3"          | 1632                   | Roller  | E7.00006.979.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 10 1/2"         |
| 8"         | 2 1/2"      | 1600                   | Roller  | E7.00008.969.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 11              |
| 8"         | 3"          | 2000                   | Roller  | E7.00008.979.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 11 1/2"         |
| 10"        | 2 1/2"      | 1840                   | Roller  | E7.00010.969.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 12 3/4"         |
| 10"        | 3"          | 2400                   | Roller  | E7.00010.979.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 13              |
| 12"        | 2 1/2"      | 2160                   | Roller  | E7.00012.969.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 15 1/2"         |
| 12"        | 3"          | 2800                   | Roller  | E7.00012.979.7     | 1"           | 1 15/16"          | 3 1/4"     | 3/4"            | 3 1/2" | 16              |

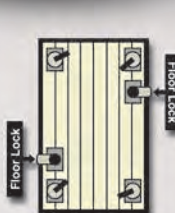
## Colson Floor Lock Brakes



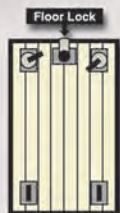
### Standard Features

- Heavy duty industrial strength construction
- Foot pedal easily activates lock with foot pressure
- Non-slip, non-skid rubber brake pad holds securely on smooth or irregular floor. Designed for use on level surfaces.
- Durable, high-compression spring for heavy loads
- Conveniently located release bar retracts brake instantly with slight toe pressure to either side of the bar
- Attractive zinc plated finish

## Floor Lock Brake Installation



Recommended Floor Lock mounting position using four swivel casters.



Recommended Floor Lock mounting position using two swivel and two rigid casters.

Colson Floor Lock Brakes are designed for use on level surfaces and are not recommended for use on inclined surfaces. It is important to select a floor lock model that clears the floor when retracted. To adapt a floor lock brake to your present equipment, select a model with an extended height  $\frac{1}{16}$ " to  $\frac{1}{4}$ " greater than the overall height of the caster.

## Floor Lock Specifications

### 2 1/2" x 3 5/8" TOP PLATE MODELS (2 & 3 Series Casters)

| MODEL NO.                      | 9.06002.03                               | 9.06253.04                               | 9.06002.05                        |
|--------------------------------|------------------------------------------|------------------------------------------|-----------------------------------|
| Extended Height A              | 4 <sup>15</sup> / <sub>16</sub> "        | 5 <sup>1</sup> / <sub>32</sub> "         | 6 <sup>1</sup> / <sub>32</sub> "  |
| Retracted Height B             | 3 <sup>1</sup> / <sub>8</sub> "          | 4 <sup>1</sup> / <sub>2</sub> "          | 5 <sup>15</sup> / <sub>64</sub> " |
| Top Plate Size                 | 2 1/2" x 3 5/8"                          |                                          |                                   |
| Bolt Hole Spacing              | 1 1/4" x 2 1/8" to 3"                    |                                          |                                   |
| Bolt Hole Size                 | 1/16" Slotted                            |                                          |                                   |
| Weight                         | 2 1/4 lbs.                               | 2 1/4 lbs.                               | 2 1/4 lbs.                        |
| Used with Caster Model Numbers | 2.03208<br>2.03256<br>3.00308<br>3.00317 | 2.04208<br>2.04256<br>3.00408<br>3.00417 | 2.05008<br>2.05256                |

### 4" x 4 1/2" TOP PLATE MODELS (3, 4 & 6 Series Casters)

| 9.06045.04                        | 9.06253.05                        | 9.06045.06                        | 9.06025.08                        |
|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| 5 <sup>1</sup> / <sub>8</sub> "   | 6 <sup>15</sup> / <sub>64</sub> " | 7 <sup>1</sup> / <sub>4</sub> "   | 9 <sup>21</sup> / <sub>32</sub> " |
| 4 <sup>15</sup> / <sub>16</sub> " | 5 <sup>15</sup> / <sub>64</sub> " | 6 <sup>21</sup> / <sub>32</sub> " | 8 <sup>1</sup> / <sub>8</sub> "   |
| 4" x 4 1/2"                       |                                   |                                   |                                   |
| 3" x 3" to 2 1/8" x 3 1/8"        |                                   |                                   |                                   |
| 3/8" Slotted                      |                                   |                                   |                                   |
| 3 1/2 lbs.                        | 4 1/2 lbs.                        | 4 1/2 lbs.                        | 4 1/4 lbs.                        |
| 4.04108                           | 3.00508                           | 3.00608                           | 4.08198                           |
| 4.04109                           | 3.00517                           | 3.00617                           | 4.08199                           |
| 4.04408                           | 4.05108                           | 4.06108                           | 4.08499                           |
| 4.04409                           | 4.05109                           | 4.06109                           | 4.08299                           |
| 4.04179                           | 4.05408                           | 4.06408                           | 4.08199                           |
| 6.04208                           | 4.05409                           | 4.06409                           | 6.08258                           |
| 6.04209                           | 4.05179                           | 4.06199                           | 6.08259                           |
| 6.04279                           | 6.05208                           | 6.06208                           | 6.08298                           |
|                                   | 6.05209                           | 6.06209                           | 6.08299                           |
|                                   | 6.05279                           | 6.06258                           |                                   |
|                                   |                                   | 6.06259                           |                                   |
|                                   |                                   | 6.06299                           |                                   |



Easy to disengage.



Easy to engage.

Floor Lock  
Replacement Pad  
34013.26/79479

PARTS & ACCESSORIES

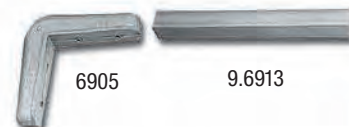
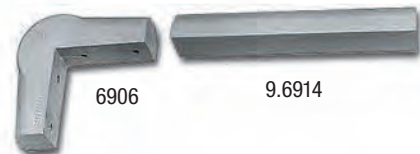
**Bumpers****Corner/Continuous Bumpers**

Grey corner bumpers with matching strip bumpers provide 100% protection to the full perimeter of equipment. Strip bumpers are made with flat steel inserts for permanent attachment. Inserts in strip bumpers are

not predrilled. They can be easily cut to size with a hacksaw and drilled as needed.

**Temperature Range:** -45°F to 180°F

| Model Number | Steel Inserts         | Length                                    |                                  | Width                           | Thickness                                                       | Mounting Holes                                                                                     |
|--------------|-----------------------|-------------------------------------------|----------------------------------|---------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|              |                       | Long Side                                 | Short Side                       |                                 |                                                                 |                                                                                                    |
| 06926        | Insert<br>Pre-drilled | 6 <sup>3</sup> / <sub>16</sub> "          | 3 <sup>1</sup> / <sub>16</sub> " | 1 <sup>1</sup> / <sub>2</sub> " | 1 <sup>1</sup> / <sub>8</sub> "-1 <sup>3</sup> / <sub>4</sub> " | 2 (1 <sup>7</sup> / <sub>64</sub> ") in 6" side<br>1 (1 <sup>7</sup> / <sub>64</sub> ") in 3" side |
| 9.6930       | Insert                | Specify (16 ft. max., 1ft. inc.)          |                                  | 1 <sup>1</sup> / <sub>2</sub> " | 1"                                                              | —                                                                                                  |
| 66930        | No Insert             | Specify (50 ft. max. 1ft. inc.)           |                                  | 1 <sup>1</sup> / <sub>2</sub> " | 1"                                                              | —                                                                                                  |
| 06906        | Insert                | 2 <sup>5</sup> / <sub>8</sub> " each side |                                  | 1 <sup>1</sup> / <sub>8</sub> " | 1"                                                              | 2 (1 <sup>13</sup> / <sub>64</sub> ") each side                                                    |
| 9.6914       | Insert                | Specify (16 ft. max. 1ft. inc.)           |                                  | 1 <sup>1</sup> / <sub>8</sub> " | 1"                                                              | —                                                                                                  |
| 66914        | No Insert             | Specify (50 ft. max. 1ft. inc.)           |                                  | 1 <sup>1</sup> / <sub>8</sub> " | 1"                                                              | —                                                                                                  |
| 06905        | Insert<br>Pre-drilled | 2 <sup>1</sup> / <sub>2</sub> " each side |                                  | 3 <sup>3</sup> / <sub>4</sub> " | 3 <sup>3</sup> / <sub>4</sub> "                                 | 2 (1 <sup>1</sup> / <sub>8</sub> ") each side                                                      |
| 9.6913       | Insert                | Specify (20 ft. max. 1ft. inc.)           |                                  | 3 <sup>3</sup> / <sub>4</sub> " | 5 <sup>5</sup> / <sub>8</sub> "                                 | —                                                                                                  |
| 66913        | No insert             | Specify (50 ft. max. 1ft. inc.)           |                                  | 3 <sup>3</sup> / <sub>4</sub> " | 5 <sup>5</sup> / <sub>8</sub> "                                 | —                                                                                                  |

**End Bumpers**

Generally used on the ends of tubular handles. Available in 3<sup>1</sup>/<sub>4</sub>" and 1<sup>3</sup>/<sub>4</sub>" diameters. Easily attached, they are soft enough to absorb noise and shock and hard enough to wear for years.

| Model Number | Dia                             | Hole Dia.                         | Thickness                       |
|--------------|---------------------------------|-----------------------------------|---------------------------------|
| 06901        | 3 <sup>1</sup> / <sub>4</sub> " | 1 <sup>11</sup> / <sub>32</sub> " | 7 <sup>7</sup> / <sub>8</sub> " |
| 06901.01     | 1 <sup>3</sup> / <sub>4</sub> " | 9 <sup>9</sup> / <sub>32</sub> "  | 1 <sup>1</sup> / <sub>2</sub> " |

**Corner Bumpers**

A heavy duty bumper with an extra rounded build-up on the apex of the corner where shocks and wear are greatest. Ends are tapered and rounded. Each side is 3" long and 1<sup>1</sup>/<sub>8</sub>" wide at the base.

| Model Number | Thickness at Corner              | Thickness at Ends | Mounting Holes                                    |
|--------------|----------------------------------|-------------------|---------------------------------------------------|
| 06927        | 1 <sup>5</sup> / <sub>16</sub> " | 1"                | 2 (3 <sup>3</sup> / <sub>16</sub> ") on each side |



## AXLE KITS



| CASTER SERIES                          | PART NUMBER | AXLE DIA. X LENGTH (INCHES)     |
|----------------------------------------|-------------|---------------------------------|
| 1 SERIES (145 lb cap.) Less Brake      | 05954.36    | $\frac{5}{16}$ X $1\frac{1}{2}$ |
| 1 SERIES (145 lb cap.) With Brake      | 05954.07    | $\frac{5}{16}$ X $1\frac{5}{8}$ |
| 2 SERIES/Less Brake                    | 05954.12    | $\frac{3}{8}$ X $2\frac{3}{32}$ |
| 2 SERIES/With Zerk Axle With Brake     | 05954.64    | $\frac{3}{8}$ X $2\frac{1}{16}$ |
| 2 SERIES/With Zerk Axle Less Brake     | 05954.69    | $\frac{3}{8}$ X $2\frac{3}{32}$ |
| 3 SERIES/Less Brake                    | 05225.52    | $\frac{3}{8}$ X $2\frac{1}{2}$  |
| 3 SERIES/With Zerk Axle                | 05954.65    | $\frac{3}{8}$ X $2\frac{1}{2}$  |
| 3 SERIES/With Brake                    | 05954.63    | $\frac{3}{8}$ X $2\frac{3}{4}$  |
| 4 SERIES/2-1/2" Leg Spacing            | 05953.76    | $\frac{1}{2}$ X $3\frac{3}{8}$  |
| 4 SERIES/With Metal Brake              | 05944.20    | $\frac{1}{2}$ X $3\frac{9}{16}$ |
| 4 SERIES/With TECH-LOCK Brake          | 05944.20    | $\frac{1}{2}$ X $3\frac{9}{16}$ |
| 6 SERIES/2-1/2" Leg Spacing            | 05953.76    | $\frac{1}{2}$ X $3\frac{3}{8}$  |
| 6 SERIES/2-1/2" Leg Spacing With Brake | 05944.20    | $\frac{1}{2}$ X $3\frac{9}{16}$ |
| 6 SERIES/3" Leg Spacing                | 05954.44    | $\frac{1}{2}$ X 4               |
| 7 SERIES                               | 05960.07    | $\frac{3}{4}$ X $4\frac{3}{4}$  |
| 7 SERIES/7.04609 Only                  | 05953.84    | 1 X $6\frac{1}{2}$              |
| 8 SERIES                               | 05960.07    | $\frac{3}{4}$ X $4\frac{3}{4}$  |

## ROLLER BEARINGS



| WHEEL MODELS                                                                               | PART NUMBER | ROLLER BEARING I.D. X O.D. X LENGTH (INCHES)       |
|--------------------------------------------------------------------------------------------|-------------|----------------------------------------------------|
| 2 SERIES<br>2.00002.319, 2.00003.309                                                       | 52007.93    | $\frac{5}{8}$ X $1\frac{9}{16}$ X $1\frac{1}{4}$   |
| 3 and 4 SERIES (1-1/2" Tread Width)<br>1-1/2" Tread Width Wheels<br>With 1-1/8" Hub Length | 55000.05    | $\frac{3}{4}$ X $1\frac{13}{16}$ X $1\frac{1}{16}$ |
| 4 and 5 SERIES<br>2" Tread Width Wheels<br>With 2-1/16" Hub Length                         | 55000.23    | $\frac{3}{4}$ X $1\frac{13}{16}$ X $1\frac{7}{8}$  |
| 6 SERIES<br>2-1/2" Tread Width Wheels<br>With 2-1/4" Hub Length                            | 55000.06    | $\frac{3}{4}$ X $1\frac{13}{16}$ X $2\frac{1}{2}$  |
| 7 SERIES<br>3" Tread Width Wheels<br>With 3-1/4" Hub Length                                | 52001.96    | 1 X $1\frac{15}{16}$ X 3                           |
| 8 SERIES<br>3" Tread Width Wheels<br>With 3-1/4" Hub Length                                | 52002.02    | $1\frac{1}{4}$ X $1\frac{15}{16}$ X 3              |

## RETAINER WASHERS



Note O.D. is smaller than Thrust Washer, but I.D. the same



Combination seal(thrust)/retainer

| WHEEL MODELS   | PART #                                  | I.D. X O.D. X THICKNESS (INCHES)                   | TO BE USED WITH ROLLER BEARING NO. |
|----------------|-----------------------------------------|----------------------------------------------------|------------------------------------|
| 2 SERIES       | 52008.61                                | $2\frac{1}{32}$ X $1\frac{1}{16}$ X $\frac{3}{32}$ | 52007.93                           |
| 3 & 4 SERIES   | 50116.03<br>(Combination seal/retainer) | $\frac{3}{4}$ X $1\frac{1}{2}$ X $\frac{3}{16}$    | 55000.05                           |
| 5 SERIES       | 50116.03<br>(Combination seal/retainer) | $\frac{3}{4}$ X $1\frac{1}{2}$ X $\frac{7}{32}$    | 55000.23                           |
| 6 SERIES       | 50116.03                                | $\frac{3}{4}$ X $1\frac{1}{2}$ X $\frac{3}{16}$    | 55000.06                           |
| 3,4,5,6 SERIES | 52006.79<br>(Metal)                     | $\frac{3}{4}$ X $1\frac{13}{16}$ X $\frac{1}{8}$   | All Roller                         |
| 7 SERIES       | 52005.70                                | $1\frac{1}{32}$ X $1\frac{15}{16}$ X $\frac{1}{8}$ | 52001.96                           |
|                | 5953.62<br>(Sealed)                     | 1 X $1\frac{15}{16}$ X $\frac{1}{8}$               | 52001.96                           |
|                | 52005.87                                | $1\frac{1}{4}$ X $2\frac{1}{16}$ X $\frac{7}{64}$  | 52001.97                           |
| 8 SERIES       | 52005.69                                | $1\frac{9}{32}$ X $1\frac{15}{16}$ X $\frac{1}{8}$ | 52002.02                           |

## SPANNER BUSHINGS



| WHEEL MODELS                                                                                                                       | PART NUMBER                      | SPANNER BUSHING I.D. X O.D. X LENGTH (INCHES)                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 SERIES<br>441 & 53 Wheels                                                                                                        | 58020.04                         | $\frac{5}{16}$ X $\frac{7}{16}$ X $1\frac{7}{64}$                                                                                                     |
| 2 SERIES<br>12 Wheels<br>309, 319 Wheels<br>All Delrin Bearing Models                                                              | 57442<br>57206<br>52008.43       | $\frac{3}{8}$ X $\frac{5}{8}$ X $1\frac{1}{2}$<br>$\frac{3}{8}$ X $\frac{5}{8}$ X $1\frac{17}{32}$<br>$\frac{3}{8}$ X $1\frac{1}{2}$ X $1\frac{1}{2}$ |
| 3 SERIES<br>All Roller and Delrin Bearing Wheels<br>1-1/8" Hub Length Wheels                                                       | 55000.17<br>55000.18             | $\frac{3}{8}$ X $\frac{3}{4}$ X $1\frac{7}{8}$<br>$\frac{5}{8}$ X $\frac{3}{4}$ X $1\frac{7}{8}$                                                      |
| 4, 5, 6 SERIES<br>1-1/2" tread width Roller and Delrin Wheels<br>All Roller and Delrin Bearing Wheels<br>2-1/16" Hub Length Wheels | 55000.04<br>52000.08<br>55000.19 | $\frac{1}{2}$ X $\frac{3}{4}$ X $1\frac{7}{8}$<br>$\frac{1}{2}$ X $\frac{3}{4}$ X $2\frac{1}{16}$<br>$\frac{5}{8}$ X $\frac{3}{4}$ X $2\frac{1}{16}$  |
| 6 SERIES<br>All Roller Bearing Wheels<br>with 2-1/4" Hub Length                                                                    | 55000.27                         | $1\frac{1}{2}$ X $\frac{3}{4}$ X 3                                                                                                                    |
| 7 SERIES<br>All Roller and Delrin Bearing Wheels                                                                                   | 52001.61                         | $\frac{3}{4}$ X 1 X $\frac{3}{12}$                                                                                                                    |
| 8 SERIES<br>All 3-1/4" Hub Length Roller Bearing Wheels                                                                            | 52001.62                         | 1 X $1\frac{1}{4}$ X $3\frac{3}{16}$                                                                                                                  |

## THRUST WASHERS



Note O.D. is larger than retainer washer, but I.D. the same

| WHEEL MODELS                                                                         | PART NUMBER          | THRUST WASHER I.D. X O.D. X THICKNESS (INCHES)                                            |
|--------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------|
| 4 SERIES (1-1/2" Tread Width)<br>All Sealed 1-1/2" Tread Width Roller Bearing Wheels | 50116.03             | $\frac{3}{4}$ X $1\frac{1}{2}$ X $\frac{3}{16}$                                           |
| 4, 5, 6 SERIES<br>All Roller Bearing Wheels                                          | 50116.03             | $\frac{3}{4}$ X $1\frac{1}{2}$ X $\frac{3}{16}$                                           |
| 4 SERIES 1-1/2" TREAD WHEELS<br>Spacer to be used with 2-1/2" Forks                  | 57030.66             | $\frac{3}{4}$ X $1\frac{1}{16}$ X $\frac{9}{32}$                                          |
| 6 SERIES<br>All Roller Bearing Wheels with 2-1/4" Hub Length                         | 50116.03             | $\frac{3}{4}$ X $1\frac{1}{2}$ X $\frac{3}{16}$                                           |
| 7 SERIES<br>4" Diameter Roller Bearing Wheels<br>All Roller & Delrin Bearing Wheels  | 52005.89<br>52005.88 | $1\frac{1}{4}$ X $3\frac{3}{16}$ X $\frac{7}{64}$<br>1 X $2\frac{7}{16}$ X $\frac{5}{64}$ |
| 8 SERIES<br>All 3-1/4" Hub Length Roller Bearing Wheels                              | 52005.87             | $1\frac{1}{4}$ X $2\frac{1}{16}$ X $\frac{7}{64}$                                         |

## DELRIN BEARINGS



| WHEEL MODELS                                                 | PART NUMBER                 |
|--------------------------------------------------------------|-----------------------------|
| 2 SERIES                                                     | 52008.48 (2 required)       |
| 3, 4, 5 SERIES                                               | 58037.15 (2 required)-White |
| 5 SERIES<br>2" Tread Width Wheels<br>With 2-1/16" Hub Length | 58037.07 (1-piece)          |
| 7 SERIES<br>3-1/4" Hub Length                                | 58037.09 (2 required)       |
| 8 SERIES                                                     | 34023.92 (2 required)       |

## FLOOR LOCK REPLACEMENT PAD



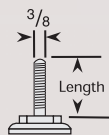
MODEL #: 34013.26 / 79479

# Wheel/Thread Guard Availability Chart

| Wheel Model Number                 | Mounting Code/Description | Thread Guard Part Number | Wheel Model Number                        | Mounting Code/Description | Thread Guard Part Number | Wheel Model Number         | Mounting Code/Description | Thread Guard Part Number |
|------------------------------------|---------------------------|--------------------------|-------------------------------------------|---------------------------|--------------------------|----------------------------|---------------------------|--------------------------|
| <b>Performa (flat/grey)</b>        |                           |                          | 2.00005.95                                | TG1: metal                | 57866.03                 | 5.00008.831                | TG1: metal                | 57852.20                 |
| 1.00003.441                        | TG1: metal                | 57852.03                 |                                           | TG2: plastic              | 57852.43                 | 5.00008.839                | TG1: metal                | 57852.20                 |
| 1.00005.441                        | TG2: plastic              | 57852.42                 | 3.00004.909                               | TG1: metal                | 31105.12/79548           | <b>Endura Wheels</b>       |                           |                          |
| 2.00003.441                        | TG1: metal                | 57854.01                 | 3.00005.909                               | TG1: metal                | 57852.10                 | 5.00004.831 EN             | TG1: metal                | 57852.07                 |
|                                    | TG2: plastic              | 57852.39                 | 3.00006.901                               | TG1: metal                | 57852.08                 | 5.00004.839 EN             | TG1: metal                | 57852.07                 |
| 2.00003.445                        | TG1: metal                | 57854.01                 | 4.00004.911                               | TG1: metal                | 57852.23                 | 5.00004.835 EN             | TG1: metal                | 57852.07                 |
|                                    | TG2: plastic              | 57852.39                 | 4.00004.919                               | TG1: metal                | 57852.23                 | 5.00005.831 EN             | TG1: metal                | 52007.94                 |
| 2.00004.441                        | TG1: metal                | 57854.01                 | 4.00005.911                               | TG1: metal                | 57852.11                 | 5.00005.839 EN             | TG1: metal                | 52007.94                 |
| 2.00004.445                        | TG1: metal                | 57854.01                 | 4.00005.919                               | TG1: metal                | 57852.11                 | 5.00005.835 EN             | TG1: metal                | 52007.94                 |
| 2.00005.441                        | TG1: metal                | 57866.03                 | 4.00006.911                               | TG1: metal                | 52001.86                 | 5.00006.831 EN             | TG1: metal                | 57551.05                 |
|                                    | TG2: plastic              | 57852.43                 | 4.00006.919                               | TG1: metal                | 52001.86                 | 5.00006.839 EN             | TG1: metal                | 57551.05                 |
| 2.00005.445                        | TG1: metal                | 57866.03                 | 4.00008.911                               | TG1: metal                | 57852.05                 | 5.00008.831 EN             | TG1: metal                | 57852.20                 |
|                                    | TG2: plastic              | 57852.43                 | 4.00008.919                               | TG1: metal                | 57852.05                 | 5.00008.839 EN             | TG1: metal                | 57852.20                 |
| 5.00005.451                        | TG1: metal                | 57852.35                 | 5.00004.921                               | TG1: metal                | 57852.23                 | 5.00008.835 EN             | TG1: metal                | 57852.20                 |
|                                    | TG2: plastic              | 57852.34                 | 5.00004.929                               | TG1: metal                | 57852.23                 | <b>Phenolic Wheels</b>     |                           |                          |
| 5.00005.459                        | TG1: metal                | 57852.35                 | 5.00005.921                               | TG1: metal                | 57852.11                 | 3.00004.301                | TG1: metal                | 57852.10                 |
|                                    | TG2: plastic              | 57852.34                 | 5.00005.929                               | TG1: metal                | 57852.11                 | 3.00004.305                | TG1: metal                | 57852.10                 |
| 5.00005.465                        | TG1: metal                | 57852.35                 | 5.00006.921                               | TG1: metal                | 52001.86                 | 3.00004.309                | TG1: metal                | 57852.10                 |
|                                    | TG2: plastic              | 57852.34                 | 5.00006.929                               | TG1: metal                | 52001.86                 | 3.00005.301                | TG1: metal                | 57852.08                 |
| 5.00006.451                        | TG1: metal                | 59042.07                 | 5.00008.921                               | TG1: metal                | 57852.04                 | 3.00005.305                | TG1: metal                | 57852.08                 |
|                                    | TG2: plastic              | 57852.29                 | 5.00008.929                               | TG1: metal                | 57852.04                 | 3.00005.309                | TG1: metal                | 57852.08                 |
| 5.00006.459                        | TG1: metal                | 59042.07                 | <b>Maxim</b>                              |                           |                          | 3.00006.301                | TG1: metal                | 52250.56                 |
|                                    | TG2: plastic              | 57852.29                 | 5.00005.531                               | TG1: metal                | 57852.45                 | 3.00006.305                | TG1: metal                | 52250.56                 |
| 5.00006.465                        | TG1: metal                | 59042.07                 | 5.00005.539                               | TG1: metal                | 57852.45                 | 3.00006.309                | TG1: metal                | 52250.56                 |
|                                    | TG2: plastic              | 57852.29                 | 5.00006.531                               | TG1: metal                | 57852.46                 | 4.00004.311                | TG1: metal                | 57852.11                 |
| 5.00008.451                        | TG1: metal                | 57852.04                 | 5.00006.539                               | TG1: metal                | 57852.46                 | 4.00004.315                | TG1: metal                | 57852.11                 |
|                                    | TG2: plastic              | 57852.30                 | <b>Moldon Polyurethane Aluminum Core</b>  |                           |                          | 4.00004.319                | TG1: metal                | 57852.11                 |
| 5.00008.459                        | TG1: metal                | 57852.04                 | 5.00005.931                               | TG1: metal                | 57866.01                 | 4.00005.311                | TG1: metal                | 52001.86                 |
|                                    | TG2: plastic              | 57852.30                 | 5.00005.939                               | TG1: metal                | 57866.01                 | 4.00005.315                | TG1: metal                | 52001.86                 |
| 5.00008.465                        | TG1: metal                | 57852.04                 | 5.00006.931                               | TG1: metal                | 57551.05                 | 4.00005.319                | TG1: metal                | 52001.86                 |
|                                    | TG2: plastic              | 57852.30                 | 5.00006.939                               | TG1: metal                | 57551.05                 | 4.00006.311                | TG1: metal                | 57551.05                 |
| <b>Performa (round/grey)</b>       |                           |                          | 5.00008.931                               | TG1: metal                | 57852.20                 | 4.00006.315                | TG1: metal                | 57551.05                 |
| 2.00005.561                        | TG1: metal                | 57854.01                 | 6.00006.969                               | TG1: metal                | 57551.05                 | 4.00006.319                | TG1: metal                | 57551.05                 |
| 5.00006.551                        | TG1: metal                | 59042.07                 | <b>Riveted Disc / Polyurethane Wheels</b> |                           |                          | 5.00004.331                | TG1: metal                | 59042.06                 |
|                                    | TG2: plastic              | 57852.29                 | 2.00005.35.9                              | TG1: metal                | 57866                    | 5.00004.339                | TG1: metal                | 59042.06                 |
| 5.00006.559                        | TG1: metal                | 59042.07                 | 3.00004.34.9                              | TG1: metal                | 58081.03                 | 5.00005.331                | TG1: metal                | 52007.94                 |
|                                    | TG2: plastic              | 57852.29                 | <b>Polyolefin Wheels</b>                  |                           |                          | 5.00005.339                | TG1: metal                | 52007.94                 |
| 5.00006.565                        | TG1: metal                | 59042.07                 | 1.00003.53                                | TG1: metal                | 57852.03                 | 5.00006.331                | TG1: metal                | 52001.86                 |
|                                    | TG2: plastic              | 57852.29                 | 1.00004.53                                | TG1: metal                | 58081.05                 | 5.00006.339                | TG1: metal                | 52001.86                 |
| 5.00008.551                        | TG1: metal                | 57852.04                 | 2.00002.53                                | TG1: metal                | 57852                    | 5.00008.331                | TG1: metal                | 57852.05                 |
|                                    | TG2: plastic              | 57852.30                 | 2.00002.55                                | TG1: metal                | 57852                    | 5.00008.339                | TG1: metal                | 57852.05                 |
| 5.00008.559                        | TG1: metal                | 57852.04                 | 2.00003.53                                | TG1: metal                | 57854.01                 | <b>Cast Iron Wheels</b>    |                           |                          |
|                                    | TG2: plastic              | 57852.30                 | 2.00003.55                                | TG1: metal                | 57854.01                 | 2.00002.12                 | TG1: metal                | 57854.01                 |
| 5.00008.565                        | TG1: metal                | 57852.04                 | 2.00004.53                                | TG1: metal                | 57854.01                 | 2.00005.12                 | TG1: metal                | 57551.02                 |
|                                    | TG2: plastic              | 57852.30                 | 2.00004.55                                | TG1: metal                | 57854.01                 | 3.00003.101                | TG1: metal                | 52250.62                 |
| <b>Performa (flat/black)</b>       |                           |                          | 2.00005.53                                | TG1: metal                | 57866.03                 | 3.00003.109                | TG1: metal                | 52250.62                 |
| 5.00005.451.2                      | TG1: metal                | 57852.35                 |                                           | TG2: plastic              | 57852.43                 | 3.00005.101                | TG1: metal                | 52250.56                 |
|                                    | TG2: plastic              | 57852.34                 | 2.00005.55                                | TG1: metal                | 57866.03                 | 3.00005.109                | TG1: metal                | 52250.56                 |
| 5.00005.459.2                      | TG1: metal                | 57852.35                 |                                           | TG2: plastic              | 57852.43                 | 3.00006.101                | TG1: metal                | 57852.16                 |
|                                    | TG2: plastic              | 57852.34                 | 3.00003.801                               | TG1: metal                | 52250.62                 | 3.00006.109                | TG1: metal                | 57852.16                 |
| 5.00005.465.2                      | TG1: metal                | 57852.35                 | 3.00003.809                               | TG1: metal                | 52250.62                 | 4.00003.111                | TG1: metal                | 57852.12                 |
|                                    | TG1: metal                | 59042.07                 | 3.00004.801                               | TG1: metal                | 57852.06                 | 4.00003.119                | TG1: metal                | 57852.12                 |
|                                    | TG2: plastic              | 57852.29                 | 3.00004.809                               | TG1: metal                | 57852.06                 | 4.00004.111                | TG1: metal                | 52007.94                 |
| 5.00006.451.2                      | TG1: metal                | 59042.07                 | 3.00005.801                               | TG1: metal                | 57866                    | 4.00004.119                | TG1: metal                | 52007.94                 |
|                                    | TG2: plastic              | 57852.29                 | 3.00005.809                               | TG1: metal                | 57866                    | 4.00005.111                | TG1: metal                | 57551.05                 |
| 5.00006.459.2                      | TG1: metal                | 59042.07                 | 3.00006.801                               | TG1: metal                | 52250.56                 | 4.00005.119                | TG1: metal                | 57551.05                 |
|                                    | TG2: plastic              | 57852.29                 | 3.00006.809                               | TG1: metal                | 52250.56                 | 4.00006.111                | TG1: metal                | 57852.04                 |
| 5.00008.451.2                      | TG1: metal                | 57852.04                 | 4.00003.811                               | TG1: metal                | 57852.12                 | 4.00006.119                | TG1: metal                | 57852.04                 |
|                                    | TG2: plastic              | 57852.30                 | 4.00003.819                               | TG1: metal                | 57852.12                 | 5.00004.131                | TG1: metal                | 52007.94                 |
| 5.00008.459.2                      | TG1: metal                | 57852.04                 | 4.00004.811                               | TG1: metal                | 57852.07                 | 5.00004.139                | TG1: metal                | 52007.94                 |
|                                    | TG2: plastic              | 57852.30                 | 4.00004.819                               | TG1: metal                | 57852.07                 | 5.00005.131                | TG1: metal                | 57551.05                 |
| <b>Polyurethane HI-TECH Wheels</b> |                           |                          | 4.00005.811                               | TG1: metal                | 57866.01                 | 5.00005.139                | TG1: metal                | 57551.05                 |
| 1.00003.91                         | TG1: metal                | 57852.03                 | 4.00005.819                               | TG1: metal                | 57866.01                 | <b>Forged Steel Wheels</b> |                           |                          |
| 1.00004.91                         | TG1: metal                | 58081.05                 | 4.00006.811                               | TG1: metal                | 57551.05                 | 5.00005.231                | TG1: metal                | 57551.05                 |
| 2.00002.91                         | TG1: metal                | 57852                    | 4.00006.819                               | TG1: metal                | 57551.05                 | 5.00005.239                | TG1: metal                | 57551.05                 |
| 2.00002.95                         | TG1: metal                | 57852                    | 5.00004.831                               | TG1: metal                | 57852.07                 | <b>V-Groove Wheels</b>     |                           |                          |
| 2.00003.91                         | TG1: metal                | 57854.01                 | 5.00004.839                               | TG1: metal                | 57852.07                 | 5.00004.731                | TG1: metal                | 57852.07                 |
| 2.00003.95                         | TG1: metal                | 57854.01                 | 5.00005.831                               | TG1: metal                | 57866.01                 | 5.00004.739                | TG1: metal                | 57852.07                 |
| 2.00004.91                         | TG1: metal                | 57854.01                 | 5.00005.839                               | TG1: metal                | 57866.01                 |                            |                           |                          |
| 2.00004.95                         | TG1: metal                | 57854.01                 | 5.00006.831                               | TG1: metal                | 57551.05                 |                            |                           |                          |
|                                    | TG1: metal                | 57866.03                 | 5.00006.839                               | TG1: metal                | 57551.05                 |                            |                           |                          |
| 2.00005.91                         | TG2: plastic              | 57852.43                 |                                           |                           |                          |                            |                           |                          |

## 1 Series Straight Thread Stem

Up to 75 lbs models 3/8" dia., -16NC x 1-1/4" long threaded 1-1/8". **MTG1** option is 24NF x 11/16" long. Up to 145 lbs models are 3/8" dia., -16NC x 1-1/2" long.

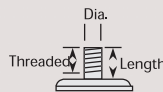


## 2 Series Straight Thread Stem

Easy to install. the 7/16" hex nut beneath the lower raceway makes it fast and easy to install these casters on a wide variety of equipment.

Standard mounting is

**MTG53:** 1/2" dia., -13NC x 1-1/2" long threaded 1-3/8"



## Options

**MTG10:** 1/2"-13UNC x 3/4" long

**MTG12:** 1/2"-13UNC x 1" long

**MTG13:** 5/8"-11UNC x 1-3/4" long

**MTG14:** 5/8"-18UNF x 1-3/4" long

**MTG15:** 3/4"-10UNC x 1-3/4" long

**MTG50:** 1/2"-20UNF x 1-1/2" long

## 1 Series Grip Ring Stem

Spring grip on top of stem holds caster firmly in place.

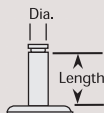
Up to 75 lbs models have 3 options.

**MTG1:** 3/8" dia. 1-9/16"

long. **MTG2:** 7/16" x

1-9/16" long. **MTG50:**

7/16" x 1" long.



Up to 145 lbs models have 2 options.

**MTG2:** 7/16" x 1-1/2" long.

**MTG52:** 7/16" x 1-29/32"

## Plastic Adapter Options

Available on up to 145lbs models

only. Requires **MTG51** Grip Ring.

Snap easily in place to reduce damage to equipment tubing. Plastic adapters are non-conductive.

## Plastic Adapter Specs

**MTG53:** Fits 7/8" x 18 ga. wall round tubing or any I.D. from 3/4" to 51/64"

**MTG54:** Fits 1" x 13 ga. wall round tubing or any I.D. from 51/64" to 13/64"

**MTG55:** Fits 1" x 14 ga. wall round tubing or any I.D. from 53/64" to 55/64"

**MTG56:** Fits 1" x 16 ga. wall round tubing or an I.D. from 57/64" to 29/32"

## 2 Series Grip Ring Stem

Spring grip on top of stem holds caster firmly in place. All stem lengths are 2-3/16". Standard is 5/8 dia.

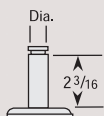
**MTG5:** 3/4" dia.

**MTG6:** 13/16" dia.

**MTG7:** 27/32" dia.

**MTG8:** 7/8" dia.

**MTG9:** 1" dia.



## 1 & 2 Series Expanding Adapter Stem

Turning of hex nut beneath lower raceway expands rubber adapter inside round or square tubing for a tight permanent fit.

See chart at right for options.



| Inside Diameter of Tube | Mounting Code Numbers |               |
|-------------------------|-----------------------|---------------|
|                         | Round Tubing          | Square Tubing |
| 3/4" - 13/16"           | <b>MTG40</b>          | -             |
| 7/8" - 15/16"           | <b>MTG41</b>          | <b>MTG51</b>  |
| 1" - 1-1/16"            | <b>MTG42</b>          | <b>MTG52</b>  |
| 1-1/8" - 1-3/16"        | <b>MTG43</b>          | <b>MTG53</b>  |
| 1-1/4" - 1-5/16"        | <b>MTG44</b>          | <b>MTG54</b>  |
| 1-3/8" - 1-7/16"        | <b>MTG45</b>          | <b>MTG55</b>  |
| 1-1/2" - 1-9/16"        | <b>MTG46</b>          | -             |
| 1-5/8" - 1-11/16"       | <b>MTG47</b>          | -             |

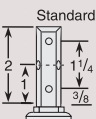
Stems are 2-11/16" long. Stem size less adapter 1/2" - 13NC x 2-11/16"

## 1 Series Square Stem

Stems may be bolted or riveted against any flat vertical surface.

Standard: 3/4" square

**MTG1:** 7/8" square, 1 Mtg. hole 17/64" dia., 2" long.



## 2 Series Square Stem

Stems may be bolted or riveted against any flat vertical surface.

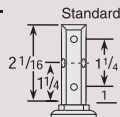
Standard: 3/4" square, 2-1/16" long, 3 Mtg. hole 17/64" dia.

**MTG1:** 7/8" square, 2-3/16" long.

**MTG4:** (Grip Ring) 7/8" dia.

2-3/16" long.

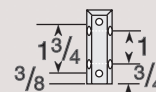
**MTG3:** (Oct. Stem) 3/4"



## 3 Series Square Stem

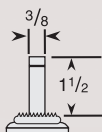
Stems may be bolted or riveted against any flat vertical surface.

Standard: (**MTG31**) Four 17/64" dia. holes are drilled into stem. Two per side. 7/8" square, 2-1/2" long.



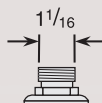
## 1 Series Wood Furniture Stem

Accepts 3/8" diameter hole approx. 1-5/8" deep.



## 1 & 2 Series Pipe Thread Stem

Screws into standard 3/4" pipe couplings for rigid and permanent fit with full swivel action.



## 3 Series Round Stem

Lengths are 2-1/2"

**MTG7:** 3/4" dia.

**MTG9:** 7/8" dia.

**MTG11:** 1" dia.



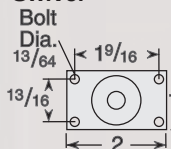
# Top Plate Mounting Options

## 1 Series

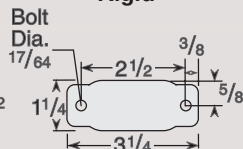
UP TO 75 lbs CAPACITY

Small Top Plate

Swivel

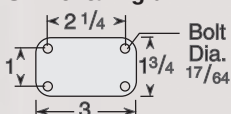


Rigid



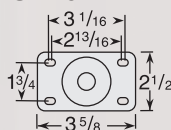
Large Top Plate

Swivel & Rigid

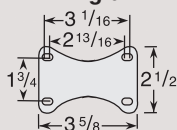


UP TO 145 lbs CAPACITY

Swivel



Rigid

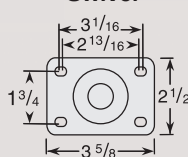


## 2 Series

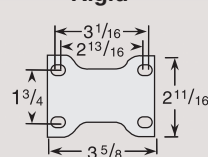
UP TO 325 lbs CAPACITY

Standard Top Plate

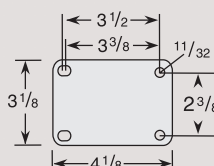
Swivel



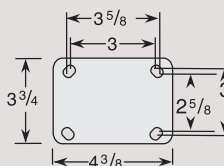
Rigid



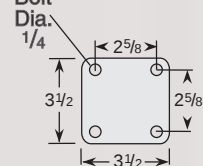
# 59 Option  
Swivel



# 27 Option  
Swivel



# 35 Option  
Swivel

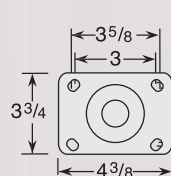


## 3 Series

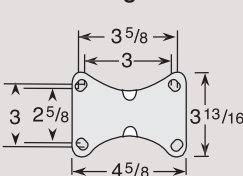
UP TO 400 lbs CAPACITY

Standard Top Plate

Swivel



Rigid



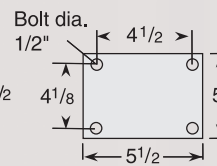
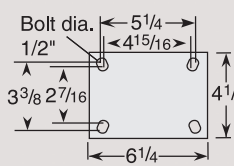
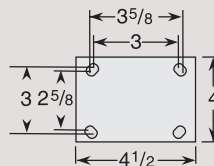
## 4 Series

UP TO 1400 lbs CAPACITY

Standard Top Plate

# 2 Top Plate

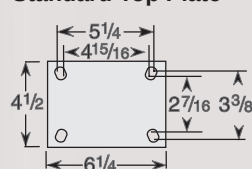
# 4 Top Plate



## 5 Series

UP TO 1300 lbs CAPACITY

Standard Top Plate



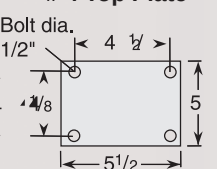
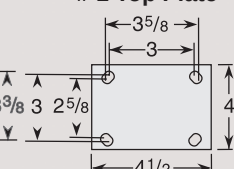
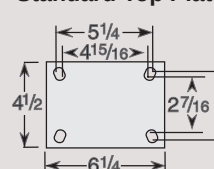
## 6 Series

UP TO 1500 lbs CAPACITY

Standard Top Plate

# 1 Top Plate

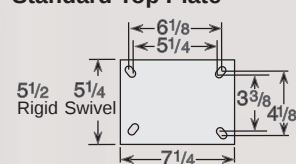
# 4 Top Plate



## 7 Series

UP TO 4500 lbs CAPACITY

Standard Top Plate



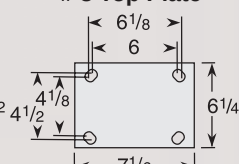
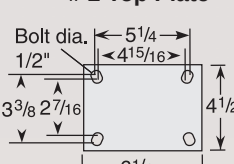
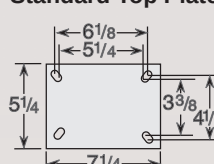
## 7 & 8 Series ENFORCER

UP TO 8000 lbs CAPACITY

Standard Top Plate

# 2 Top Plate

# 3 Top Plate



# Conversion Table

| INCHES | INCHES DECIMAL | MILLIMETERS |
|--------|----------------|-------------|
| 1/64   | .0156          | 0.397       |
| 1/32   | .0313          | 0.794       |
| 3/64   | .0469          | 1.191       |
| 1/16   | .0625          | 1.588       |
| 5/64   | .0781          | 1.984       |
| 3/32   | .0938          | 2.381       |
| 7/64   | .1094          | 2.778       |
| 1/8    | .1250          | 3.175       |
| 9/64   | .1406          | 3.572       |
| 5/32   | .1563          | 3.969       |
| 11/64  | .1719          | 4.366       |
| 3/16   | .1875          | 4.763       |
| 13/64  | .2031          | 5.159       |
| 7/32   | .2188          | 5.556       |
| 15/64  | .2344          | 5.953       |
| 1/4    | .2500          | 6.350       |
| 17/64  | .2656          | 6.747       |
| 9/32   | .2813          | 7.144       |
| 19/64  | .2969          | 7.541       |
| 5/16   | .3125          | 7.938       |
| 21/64  | .3281          | 8.334       |
| 11/32  | .3438          | 8.731       |
| 23/64  | .3594          | 9.128       |
| 3/8    | .3750          | 9.525       |
| 25/64  | .3906          | 9.922       |
| 13/32  | .4063          | 10.319      |
| 27/64  | .4219          | 10.716      |
| 7/16   | .4375          | 11.113      |
| 29/64  | .4531          | 11.509      |
| 15/32  | .4688          | 11.906      |
| 31/64  | .4844          | 12.303      |
| 1/2    | .5000          | 12.700      |
| 33/64  | .5156          | 13.097      |
| 17/32  | .5313          | 13.494      |
| 35/64  | .5469          | 13.891      |
| 9/16   | .5625          | 14.288      |
| 37/64  | .5781          | 14.684      |
| 19/32  | .5938          | 15.081      |
| 39/64  | .6094          | 15.478      |
| 5/8    | .6250          | 15.875      |

| INCHES | INCHES DECIMAL | MILLIMETERS |
|--------|----------------|-------------|
| 41/64  | .6406          | 16.272      |
| 21/32  | .6563          | 16.669      |
| 43/64  | .6719          | 17.066      |
| 11/16  | .6875          | 17.463      |
| 45/64  | .7031          | 17.859      |
| 23/32  | .7188          | 18.256      |
| 47/64  | .7344          | 18.653      |
| 3/4    | .7500          | 19.050      |
| 49/64  | .7656          | 19.447      |
| 25/32  | .7813          | 19.844      |
| 51/64  | .7969          | 20.241      |
| 13/16  | .8125          | 20.638      |
| 53/64  | .8281          | 21.034      |
| 27/32  | .8438          | 21.431      |
| 55/64  | .8594          | 21.828      |
| 7/8    | .8750          | 22.225      |
| 57/64  | .8906          | 22.622      |
| 29/32  | .9063          | 23.019      |
| 59/64  | .9219          | 23.416      |
| 15/16  | .9375          | 23.813      |
| 61/64  | .9531          | 24.209      |
| 31/32  | .9688          | 24.606      |
| 63/64  | .9844          | 25.003      |
| 1      | 1.0000         | 25.400      |
| 2      | 2.0000         | 50.800      |
| 3      | 3.0000         | 76.200      |
| 4      | 4.0000         | 101.600     |
| 5      | 5.0000         | 127.000     |
| 6      | 6.0000         | 152.400     |
| 7      | 7.0000         | 177.800     |
| 8      | 8.0000         | 203.200     |
| 9      | 9.0000         | 228.600     |
| 10     | 10.0000        | 254.000     |
| 11     | 11.0000        | 279.400     |
| 12     | 12.0000        | 304.800     |
| 13     | 13.0000        | 330.200     |
| 14     | 14.0000        | 355.600     |
| 15     | 15.0000        | 381.000     |
| 16     | 16.0000        | 406.400     |
| 17     | 17.0000        | 431.800     |

To convert pounds to kilograms use the following formula:  
 Kilograms = Pounds ÷ 2.2046

***COLSON BY***  
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