

# ALBION®

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CA

## Cast Iron Wheels



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

## FEATURES

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

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

Highest Tensile  
Strength in the  
Industry

|       | Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rate for metal operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Tapered Roller<br>(09) | Wheel<br>Number<br>Plain Bore (41) |
|-------|----------------------------|-------------------------|----------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|-------------------------------------------|------------------------------------|
| 3     | 1-1/4                      | 300                     | 1-1/2                                        | 1/2                    | —                   | 1-1/4                  |                      |                                           |                                           | CA0304108                          |
| 3     | 1-5/16                     | 300                     | 1-3/8                                        | 1-1/16                 | 1/2                 | 1-1/4                  | CA0300108            |                                           |                                           |                                    |
| 3-1/4 | 1-1/2                      | 400                     | 1-5/8                                        | 1-3/16                 | 1/2                 | 1                      | CA0310108            |                                           |                                           |                                    |
| 3-1/4 | 1-1/2                      | 400                     | 1-5/8                                        | 1-3/16                 | 5/8                 | 1                      | CA0310110            |                                           |                                           |                                    |
| 3-1/4 | 1-1/2^                     | 400                     | 1-5/8                                        | 1-3/16                 | 3/4                 | 1                      | CA0310112~           |                                           |                                           |                                    |
| 3-1/4 | 2                          | 700                     | 2-3/16                                       | 1-3/16                 | 1/2                 | 3-1/4                  | CA0320108            |                                           |                                           |                                    |
| 3-1/4 | 2                          | 700                     | 2-3/16                                       | 1-3/16                 | 5/8                 | 3-1/4                  | CA0320110            |                                           |                                           |                                    |
| 3-1/4 | 2                          | 700                     | 2-3/16                                       | 1-3/16                 | 3/4                 | 3-1/4                  | CA0320112~           |                                           |                                           |                                    |
| 3-1/4 | 4                          | 2000                    | 4-1/2                                        | 1-15/16                | 3/4                 | 6-1/2                  |                      | CA0370912                                 |                                           |                                    |
| 3-1/2 | 1-1/4                      | 350                     | 1-1/2                                        | 1/2                    | —                   | 1                      |                      |                                           |                                           | CA03X4108                          |
| 4     | 1-1/4                      | 350                     | 1-3/8                                        | 1/2                    | 1/2                 | 1-3/4                  | CA0400108            |                                           |                                           | CA0404108                          |
| 4     | 1-5/16                     | 350                     | 1-3/8                                        | 1-1/16                 | 1/2                 | 1-3/4                  | CA0410108            |                                           |                                           |                                    |
| 4     | 1-1/2                      | 600                     | 1-5/8                                        | 1-3/16                 | 1/2                 | 2-1/4                  | CA0410110            |                                           |                                           |                                    |
| 4     | 1-1/2                      | 600                     | 1-5/8                                        | 1-3/16                 | 5/8                 | 2-1/4                  | CA0410112~           |                                           |                                           |                                    |
| 4     | 1-1/2^                     | 600                     | 1-5/8                                        | 1-3/16                 | 3/4                 | 2-1/4                  | CA0420108            |                                           |                                           |                                    |
| 4     | 1-7/8                      | 1000                    | 2-3/16                                       | 1-7/16                 | 1/2                 | 3-1/4                  | CA0420110            |                                           |                                           |                                    |
| 4     | 1-7/8                      | 1000                    | 2-3/16                                       | 1-7/16                 | 5/8                 | 3-1/4                  | CA0420112~           |                                           |                                           |                                    |
| 4     | 1-7/8                      | 1000                    | 2-3/16                                       | 1-3/16                 | 3/4                 | 3-1/4                  | CA0450116            |                                           |                                           |                                    |
| 4     | 3                          | 2000                    | 3-1/4                                        | 1-15/16                | 1                   | 8-1/4                  | CA0450120            |                                           |                                           |                                    |
| 4     | 3                          | 2000                    | 3-1/4                                        | 1-15/16                | 1-1/4               | 8-1/4                  | CA0470120*           |                                           |                                           |                                    |
| 4     | 4                          | 4000                    | 4-1/4                                        | 2-7/16                 | 1-1/4               | 10-3/4                 | CA0470124*           |                                           |                                           |                                    |
| 4     | 4                          | 4000                    | 4-1/4                                        | 2-7/16                 | 1-1/2               | 10-3/4                 |                      |                                           |                                           | CA0504108                          |
| 5     | 1-1/4                      | 350                     | 1-1/2                                        | 1/2                    | —                   | 2-1/4                  | CA0500108            |                                           |                                           |                                    |
| 5     | 1-5/16                     | 350                     | 1-3/8                                        | 1-1/16                 | 1/2                 | 2-1/4                  | CA0510108            |                                           |                                           |                                    |
| 5     | 1-1/2                      | 600                     | 1-5/8                                        | 1-3/16                 | 1/2                 | 3-1/4                  | CA0510110            |                                           |                                           |                                    |
| 5     | 1-1/2                      | 600                     | 1-5/8                                        | 1-3/16                 | 5/8                 | 3-1/4                  | CA0510112~           |                                           |                                           |                                    |
| 5     | 1-1/2^                     | 600                     | 1-5/8                                        | 1-3/16                 | 3/4                 | 3-1/4                  | CA0520108            |                                           |                                           |                                    |
| 5     | 1-7/8                      | 1300                    | 2-3/16                                       | 1-3/16                 | 1/2                 | 4-1/4                  | CA0520110            |                                           |                                           |                                    |
| 5     | 1-7/8                      | 1300                    | 2-3/16                                       | 1-3/16                 | 5/8                 | 4-1/4                  | CA0520112~           |                                           |                                           |                                    |
| 5     | 1-7/8                      | 1300                    | 2-3/16                                       | 1-3/16                 | 3/4                 | 4-1/4                  | CA0530114            |                                           |                                           |                                    |
| 5     | 2-1/8                      | 1500                    | 2-3/16                                       | 1-7/16                 | 7/8                 | 5-1/4                  | CA0530116            |                                           |                                           |                                    |
| 5     | 2-1/8                      | 1500                    | 2-3/16                                       | 1-7/16                 | 1                   | 5-1/4                  | CA0540116            |                                           |                                           |                                    |
| 5     | 2-1/2                      | 2300                    | 3-1/4                                        | 1-15/16                | 1                   | 10                     | CA0540120            |                                           |                                           |                                    |
| 5     | 2-1/2                      | 2300                    | 3-1/4                                        | 1-15/16                | 1-1/4               | 10                     |                      |                                           |                                           |                                    |
| 6     | 1-1/2                      | 800                     | 1-5/8                                        | 1-3/16                 | 1/2                 | 4                      | CA0610108            |                                           |                                           |                                    |
| 6     | 1-1/2                      | 800                     | 1-5/8                                        | 1-3/16                 | 5/8                 | 4                      | CA0610110            |                                           |                                           |                                    |
| 6     | 1-1/2^                     | 800                     | 1-5/8                                        | 1-3/16                 | 3/4                 | 4                      | CA0610112~           |                                           |                                           |                                    |
| 6     | 1-7/8                      | 1400                    | 2-3/16                                       | 1-3/16                 | 1/2                 | 6-1/4                  | CA0620108            |                                           |                                           |                                    |
| 6     | 1-7/8                      | 1400                    | 2-3/16                                       | 1-3/16                 | 5/8                 | 6-1/4                  | CA0620110            |                                           |                                           |                                    |
| 6     | 1-7/8                      | 1400                    | 2-3/16                                       | 1-3/16                 | 3/4                 | 6-1/4                  | CA0620112~           |                                           |                                           |                                    |
| 6     | 2-1/2                      | 2300                    | 3-1/4                                        | 1-15/16                | 1                   | 10-1/4                 | CA0640116            |                                           |                                           |                                    |
| 6     | 2-1/2                      | 2300                    | 3-1/4                                        | 1-15/16                | 11/4                | 10-1/4                 | CA0640120            |                                           |                                           |                                    |
| 6     | 2-1/2                      | 1600                    | 2-3/4                                        | 1-3/16                 | 3/4                 | 7-1/2                  | CA0640712            |                                           |                                           |                                    |
| 6     | 2-1/2                      | 1800                    | 2-3/4                                        | 1-15/16                | 1                   | 9-1/2                  | CA0640516            |                                           |                                           |                                    |
| 6     | 2-1/2                      | 2300                    | 3-1/2                                        | 1-15/16                | 3/4                 | 10                     |                      | CA0640912                                 |                                           |                                    |
| 6     | 3                          | 2800                    | 3-1/4                                        | 1-15/16                | 1                   | 11-3/4                 | CA0650116            |                                           |                                           |                                    |
| 6     | 3                          | 2800                    | 3-1/4                                        | 1-15/16                | 11/4                | 11-3/4                 | CA0650120            |                                           |                                           |                                    |
| 6     | 3                          | 2800                    | 3-1/2                                        | 1-15/16                | 3/4                 | 11-1/2                 |                      | CA0650912                                 |                                           |                                    |
| 8     | 2                          | 1800                    | 2-3/16                                       | 1-3/16                 | 1/2                 | 8-1/2                  | CA0820108            |                                           |                                           |                                    |
| 8     | 2                          | 1800                    | 2-3/16                                       | 1-3/16                 | 5/8                 | 8-1/2                  | CA0820110            |                                           |                                           |                                    |
| 8     | 2                          | 1800                    | 2-3/16                                       | 1-3/16                 | 3/4                 | 8-1/2                  | CA0820112~           |                                           |                                           |                                    |
| 8     | 2-1/2                      | 2300                    | 3-1/4                                        | 1-15/16                | 1                   | 13-1/4                 | CA0840116            |                                           |                                           |                                    |
| 8     | 2-1/2                      | 2300                    | 3-1/4                                        | 1-15/16                | 1-1/4               | 13-1/4                 | CA0840120            |                                           |                                           |                                    |
| 8     | 2-1/2                      | 1600                    | 2-3/4                                        | 1-3/16                 | 3/4                 | 10                     | CA0840712            |                                           |                                           |                                    |
| 8     | 2-1/2                      | 1800                    | 2-3/4                                        | 1-15/16                | 1                   | 13                     | CA0840516            |                                           |                                           |                                    |
| 8     | 3                          | 2800                    | 3-1/4                                        | 1-15/16                | 1                   | 11-3/4                 | CA0850116            |                                           |                                           |                                    |
| 8     | 3                          | 2800                    | 3-1/4                                        | 1-15/16                | 1-1/4               | 11-3/4                 | CA0850120            |                                           |                                           |                                    |
| 8     | 3                          | 2800                    | 3-1/2                                        | 1-15/16                | 3/4                 | 11-1/2                 |                      | CA0850912                                 |                                           |                                    |
| 8     | 4                          | 4000                    | 4-1/4                                        | 2-7/16                 | 1-1/4               | 27-1/4                 | CA0870120            |                                           |                                           |                                    |
| 8     | 4                          | 4000                    | 4-1/4                                        | 2-7/16                 | 1-1/2               | 27-1/4                 | CA0870124            |                                           |                                           |                                    |
| 8     | 4                          | 6000                    | 4-1/2                                        | 2-7/16                 | 1                   | 26-1/2                 |                      | CA0870916                                 |                                           |                                    |
| 8     | 4                          | 6000                    | 4-1/2                                        | 2-7/16                 | 1-1/4               | 26-1/2                 |                      | CA0870920                                 |                                           |                                    |

~ Nylon retainer thrust washers & hardened metal spanner bushing included.

^ 27/16" spanner and spacers included. \* Crown face

CAST IRON WHEELS • UP TO 8000

CA

CA Wheels Continued



|    | Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01,05) | Wheel<br>Number<br>Tapered Roller<br>(09) | Wheel<br>Number<br>Plain Bore (41) |
|----|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|----------------------|----------------------------------------------|-------------------------------------------|------------------------------------|
| 10 | 2-1/2                      | 2300                    | 3-1/4                                          | 1-15/16                | 1                   | 17-1/2                 | CA1040116            |                                              |                                           |                                    |
| 10 | 2-1/2                      | 2300                    | 2-3/4                                          | 1-15/16                | 1                   | 17-1/2                 | CA1040516            |                                              |                                           |                                    |
| 10 | 2-1/2                      | 2300                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 17-1/2                 | CA1040120            |                                              |                                           |                                    |
| 10 | 3                          | 2800                    | 3-1/4                                          | 1-15/16                | 1                   | 16-3/4                 | CA1050116            |                                              |                                           |                                    |
| 10 | 3                          | 2800                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 16-3/4                 | CA1050120            |                                              |                                           |                                    |
| 10 | 3                          | 2800                    | 3-1/2                                          | 1-15/16                | 3/4                 | 16-1/2                 |                      |                                              | CA1050912                                 |                                    |
| 10 | 4                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/4               | 33                     | CA1070120            |                                              |                                           |                                    |
| 10 | 4                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/2               | 33                     | CA1070124            |                                              |                                           |                                    |
| 10 | 4                          | 6000                    | 4-1/2                                          | 2-7/16                 | 1                   | 32-1/2                 |                      |                                              | CA1070916                                 |                                    |
| 10 | 4                          | 6000                    | 4-1/2                                          | 2-7/16                 | 1-1/4               | 32-1/2                 |                      |                                              | CA1070920                                 |                                    |
| 12 | 2-1/2                      | 1800                    | 2-3/4                                          | 1-15/16                | 1                   | 20-1/2                 | CA1240516            |                                              |                                           |                                    |
| 12 | 2-1/2                      | 2300                    | 3-1/4                                          | 1-15/16                | 1                   | 20-1/2                 | CA1240116            |                                              |                                           |                                    |
| 12 | 2-1/2                      | 2300                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 20-1/2                 | CA1240120            |                                              |                                           |                                    |
| 12 | 3                          | 2800                    | 3-1/4                                          | 1-15/16                | 1                   | 22                     | CA1250116            |                                              |                                           |                                    |
| 12 | 3                          | 2800                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 22                     | CA1250120            |                                              |                                           |                                    |
| 12 | 3                          | 2800                    | 3-1/2                                          | 1-15/16                | 3/4                 | 21-3/4                 |                      |                                              | CA1250912                                 |                                    |
| 12 | 3-1/2                      | 4000                    | 4-1/2                                          | 2-7/16                 | 1-1/4               | 35-1/2                 | CA1260120            |                                              |                                           |                                    |
| 12 | 3-1/2                      | 4000                    | 4-1/2                                          | 2-7/16                 | 1-1/2               | 35-1/2                 | CA1260124            |                                              |                                           |                                    |
| 12 | 3-1/2                      | 4000                    | 4-1/2                                          | 2-7/16                 | 1                   | 35                     |                      |                                              | CA1260916                                 |                                    |
| 12 | 3-1/2                      | 4000                    | 4-1/2                                          | 2-7/16                 | 1-1/4               | 35                     |                      |                                              | CA1260920                                 |                                    |
| 14 | 4                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/4               | 49-1/2                 | CA1470120            |                                              |                                           |                                    |
| 14 | 4                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/2               | 49-1/2                 | CA1470124            |                                              |                                           |                                    |
| 16 | 3                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/4               | 52-1/4                 | CA1650120            |                                              |                                           |                                    |
| 16 | 3                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/2               | 52-1/4                 | CA1650124            |                                              |                                           |                                    |
| 16 | 4                          | 5000                    | 5-1/4                                          | 2-7/16                 | 1-1/4               | 65-1/4                 | CA1670120            |                                              |                                           |                                    |
| 16 | 4                          | 5000                    | 5-1/4                                          | 2-7/16                 | 1-1/2               | 65-1/4                 | CA1670124            |                                              |                                           |                                    |
| 18 | 3                          | 4000                    | 4-1/4                                          | 2-7/16                 | 11/4                | 58                     | CA1850120            |                                              |                                           |                                    |
| 18 | 3                          | 4000                    | 4-1/4                                          | 2-7/16                 | 2                   | 58                     | CA1850124            |                                              |                                           |                                    |

CW



Large bore premium cast iron, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). A cost-effective solution for high capacity applications. See CA cast iron features and options.

|   | Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Tapered Roller<br>(09) |
|---|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|-------------------------------------------|
| 8 | 3                          | 6000                    | 3-1/4                                          | 2-7/16                 | 1-1/4               | 21-3/4                 | CW0850120            |                                           |                                           |
| 8 | 3                          | 6000                    | 3-1/4                                          | 2-7/16                 | 1-1/2               | 21-3/4                 | CW0850124            |                                           |                                           |
| 8 | 3                          | 8000                    | 3-1/2                                          | 2-7/16                 | 1                   | 21-1/2                 |                      |                                           | CW0850916                                 |
| 8 | 3                          | 8000                    | 3-1/2                                          | 2-7/16                 | 1-1/4               | 21-1/2                 |                      |                                           | CW0850920                                 |

# CH



Heavy duty premium cast iron, sometimes referred to as semi-steel, offers the highest tensile strength in the industry (30,000 psi). A cost-effective solution for high capacity applications. See CA cast iron features and options.

## FEATURES

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

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Based on manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Roller<br>Bearing (01) | Wheel Number<br>Bronze<br>Bearing (22)* | Wheel Number<br>Annular Ball<br>Bearing (31) |
|----------------------------|-------------------------|-----------------------------------------------|------------------------|---------------------|------------------------|----------------------|----------------------------------------|-----------------------------------------|----------------------------------------------|
| 5                          | 2                       | 1500                                          | 2-3/16                 | 1-3/16              | 1/2                    | 4-1/4                | CH0520108                              |                                         | CH0523108                                    |
| 5                          | 2                       | 1500                                          | 2-3/16                 | 1-3/16              | 5/8                    | 4-1/4                | CH0520110                              |                                         |                                              |
| 5                          | 2                       | 1500                                          | 2-3/16                 | 1-3/16              | 3/4                    | 4-1/4                | CH0520112~                             | CH0522212                               |                                              |
| 6                          | 2                       | 1700                                          | 2-3/16                 | 1-3/16              | 1/2                    | 6-1/4                | CH0620108                              |                                         | CH0623108                                    |
| 6                          | 2                       | 1700                                          | 2-3/16                 | 1-3/16              | 5/8                    | 6-1/4                | CH0620110                              |                                         |                                              |
| 6                          | 2                       | 1700                                          | 2-3/16                 | 1-3/16              | 3/4                    | 6-1/4                | CH0620112~                             | CH0622212                               |                                              |
| 8                          | 2                       | 1800                                          | 2-3/16                 | 1-3/16              | 1/2                    | 8-1/2                | CH0820108                              |                                         | CH0823108                                    |
| 8                          | 2                       | 1800                                          | 2-3/16                 | 1-3/16              | 5/8                    | 8-1/2                | CH0820110                              |                                         |                                              |
| 8                          | 2                       | 1800                                          | 2-3/16                 | 1-3/16              | 3/4                    | 8-1/2                | CH0820112~                             | CH0822112                               |                                              |

~ Nylon retainer thrust washers & hardened metal spanner bushing included.  
\* Hub length increases to 2-3/8" on bronze bearings.

CAST IRON WHEELS • UP TO 8000

# IC

Cast Iron  
(Class 18)



**EMPIRE™**  
Casters & Wheels

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Based on manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Less<br>Bearing (00) | Wheel Number<br>Delrin<br>Bearing (51) |
|----------------------------|-------------------------|-----------------------------------------------|------------------------|---------------------|------------------------|----------------------|--------------------------------------|----------------------------------------|
| 4                          | 2                       | 700                                           | 2-3/16                 | 1-3/16              | 3/4                    | 4-1/4                | IC0420019                            | IC0420112                              |
| 5                          | 2                       | 900                                           | 2-3/16                 | 1-3/16              | 3/4                    | 6-1/4                | IC0520019                            | IC0520112                              |
| 6                          | 2                       | 900                                           | 2-3/16                 | 1-3/16              | 3/4                    | 8-1/2                | IC0620019                            | IC0620112                              |
| 8                          | 2                       | 900                                           | 2-3/16                 | 1-3/16              | 3/4                    | 8-1/2                | IC0820019                            | IC0820112                              |

- Economical
- Ready to Ship

Empire caster wheel is economical and ready to ship.

## FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Gray enamel
- **Temperature Range:** Up to 800°F, consult factory
- **Class:** Class 18 Cast Iron

Wheels used for 15 and 60 Series Empire Casters



15 Series



60 Series

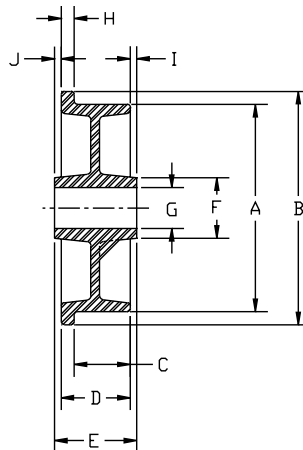


FL

## Single Flange Wheels



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



Letters match to chart descriptions below.

### FEATURES

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

### WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Face Diameter "A"<br>(Inches) | Flange OD "B"<br>(Inches) | Face Width "C"<br>(Inches) | O.A. Width "D"<br>(Inches) | Hub Length "E"<br>(Inches) | Hub O.D. "F"<br>(Inches) | Bore "G"<br>(Inches) | Flange Width "H"<br>(Inches) | Hub Offset "I"<br>(Inches) | Hub Offset "J"<br>(Inches) | Capacity<br>(Lbs) | Bearing Size<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Straight<br>Roller (01) | Wheel Number<br>Tapered Roller<br>(09) |
|-------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|----------------------|------------------------------|----------------------------|----------------------------|-------------------|--------------------------|----------------------|-----------------------------------------|----------------------------------------|
| 3                             | 4                         | 1                          | 1-3/8                      | 2-3/16                     | 1-5/8                    | 1-3/16               | 3/8                          | 9/16                       | 1/4                        | 700               | 3/4                      | 3                    | FL0320112                               |                                        |
| 3-1/4                         | 4                         | 1                          | 1-3/8                      | 2-3/16                     | 1-3/4                    | 1-3/16               | 3/8                          | 19/32                      | 7/32                       | 700               | 3/4                      | 3                    | FL0310112                               |                                        |
| 4-1/2                         | 5-1/2                     | 1-9/16                     | 2-3/8                      | 2-1/2                      | 2-1/2                    | 1-15/16              | 13/16                        | 1/16                       | 1/16                       | 1500              | 1                        | 9-1/2                | FL0410116                               |                                        |
| 4-1/2                         | 5-1/2                     | 1-9/16                     | 2-3/8                      | 2-1/2                      | 2-1/2                    | 1-15/16              | 13/16                        | 1/16                       | 1/16                       | 1500              | 3/4                      | 9-1/2                |                                         | FL0410912                              |
| 5                             | 6                         | 1-1/8                      | 1-1/2                      | 2-3/16                     | 1-3/4                    | 1-3/16               | 3/8                          | 11/32                      | 11/32                      | 500               | 3/4                      | 5-1/4                | FL0510112                               |                                        |
| 5-3/8                         | 6-1/8                     | 1-5/16                     | 1-11/16                    | 2-3/16                     | 1-3/4                    | 1-3/16               | 3/8                          | 13/32                      | 3/32                       | 900               | 3/4                      | 5                    | FL0520112                               |                                        |
| 5                             | 6                         | 1-1/8                      | 1-15/16                    | 3-1/4                      | 2-1/2                    | 1-15/16              | 13/16                        | 15/16                      | 3/8                        | 1000              | 1                        | 6-1/2                | FL0520116                               |                                        |
| 5                             | 6                         | 1-1/8                      | 1-15/16                    | 3-1/2                      | 2-1/2                    | 1-15/16              | 13/16                        | 15/16                      | 3/8                        | 1000              | 3/4                      | 6-1/2                |                                         | FL0520912                              |
| 6                             | 6-3/4                     | 1-5/8                      | 2                          | 2-3/16                     | 1-3/4                    | 1-3/16               | 3/8                          | 3/32                       | 3/32                       | 900               | 3/4                      | 8-1/2                | FL0620112                               |                                        |
| 7-1/16                        | 8-3/4                     | 1-3/4                      | 2-3/16                     | 2-3/4                      | 3-1/4                    | 1-15/16              | 7/16                         | 9/32                       | 9/32                       | 1200              | 1                        | 12-3/4               | FL0720116                               |                                        |
| 7-1/16                        | 8-3/4                     | 1-3/4                      | 2-3/16                     | 3                          | 3-1/4                    | 1-15/16              | 7/16                         | 9/32                       | 9/32                       | 1200              | 3/4                      | 12-3/4               |                                         | FL0720912                              |
| 8                             | 9-1/2                     | 2                          | 2-1/2                      | 3-1/4                      | 3                        | 1-15/16              | 1/2                          | 3/8                        | 3/8                        | 1600              | 1                        | 16-1/4               | FL0840116                               |                                        |
| 8                             | 9-1/2                     | 2                          | 2-1/2                      | 3-1/2                      | 3                        | 1-15/16              | 1/2                          | 3/8                        | 3/8                        | 1600              | 3/4                      | 16-1/4               |                                         | FL0840912                              |
| 10                            | 12                        | 2-3/8                      | 3                          | 3-1/4                      | 3                        | 1-15/16              | 5/8                          | 1/8                        | 1/8                        | 2000              | 1                        | 29-1/4               | FL1050116                               |                                        |
| 10                            | 12                        | 2-3/8                      | 3                          | 3-1/2                      | 3                        | 1-15/16              | 5/8                          | 1/8                        | 1/8                        | 2000              | 3/4                      | 29-1/4               |                                         | FL1050912                              |
| 14                            | 16                        | 3                          | 3-5/8                      | 4-1/4                      | 4-1/4                    | 2-7/16               | 5/8                          | 5/16                       | 5/16                       | 3000              | 1-1/4                    | 56                   | FL1460120                               |                                        |
| 14                            | 16                        | 3                          | 3-5/8                      | 4-1/2                      | 4-1/4                    | 2-7/16               | 5/8                          | 5/16                       | 5/16                       | 3000              | 1                        | 56                   |                                         | FL1460916                              |

FD

## Double Flange Wheels

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

| Face Diameter "A"<br>(Inches) | Flange OD "B"<br>(Inches) | Face Width "C"<br>(Inches) | O.A. Width "D"<br>(Inches) | Hub Length "E"<br>(Inches) | Hub O.D. "F"<br>(Inches) | Bore "G"<br>(Inches) | Flange Width "H"<br>(Inches) | Hub Offset "I"<br>(Inches) | Hub Offset "J"<br>(Inches) | Capacity<br>(Lbs) | Bearing Size<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Straight<br>Roller (01) | Wheel Number<br>Tapered Roller<br>(09) |
|-------------------------------|---------------------------|----------------------------|----------------------------|----------------------------|--------------------------|----------------------|------------------------------|----------------------------|----------------------------|-------------------|--------------------------|----------------------|-----------------------------------------|----------------------------------------|
| 5                             | 6                         | 3/4                        | 1-1/2                      | 2-3/16                     | 1-3/4                    | 1-3/16               | 3/8                          | 11/32                      | 11/32                      | 500               | 3/4                      | 6                    | FD0510112                               |                                        |
| 10                            | 12                        | 1-3/4                      | 3                          | 3-1/4                      | 3                        | 1-15/16              | 5/8                          | 1/8                        | 1/8                        | 2000              | 1                        | 35                   | FD1050116                               |                                        |
| 10                            | 12                        | 1-3/4                      | 3                          | 3-1/2                      | 3                        | 1-15/16              | 5/8                          | 1/8                        | 1/8                        | 2000              | 3/4                      | 35                   |                                         | FD1050912                              |

# VG/VL Cast Iron V-Groove Wheels

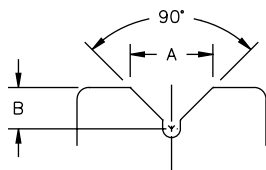


Wheel face and "V"-groove are machined from heavy duty cast iron. A relief groove at the base of the "V" tends to equalize the load to each face of the angle track when in operation. Wheel face and bore are machined for concentricity to proper tracking. These wheels can be used not only on track but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

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

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.



Letters match to chart descriptions

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Based for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Groove Width "A"<br>(Inches) | Groove Depth "B"<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Roller<br>Bearing (01) | Wheel Number<br>Tapered Roller<br>(09) |
|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|------------------------------|------------------------------|----------------------|----------------------------------------|----------------------------------------|
| 4                          | 2                       | 800                                            | 2-3/16                 | 1-3/16              | 5/8                    | 7/8                          | 7/16                         | 4                    | VG0420110                              |                                        |
| 4                          | 2                       | 800                                            | 2-3/16                 | 1-3/16              | 3/4                    | 7/8                          | 7/16                         | 4                    | VG0420112~                             |                                        |
| 5                          | 2                       | 800                                            | 2-3/16                 | 1-3/16              | 5/8                    | 7/8                          | 7/16                         | 5                    | VG0520110                              |                                        |
| 5                          | 2                       | 800                                            | 2-3/16                 | 1-3/16              | 3/4                    | 7/8                          | 7/16                         | 5                    | VG0520112~                             |                                        |
| 6                          | 2                       | 1000                                           | 2-3/16                 | 1-3/16              | 5/8                    | 7/8                          | 7/16                         | 8                    | VG0620110                              |                                        |
| 6                          | 2                       | 1000                                           | 2-3/16                 | 1-3/16              | 3/4                    | 7/8                          | 7/16                         | 8                    | VG0620112~                             |                                        |
| 6                          | 2-1/2                   | 2500                                           | 3-1/4                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 11-3/4               | VG0640116                              |                                        |
| 6                          | 2-1/2                   | 2500                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 7/8                          | 7/16                         | 11-3/4               | VG0640120                              |                                        |
| 6                          | 2-1/2                   | 2500                                           | 3-1/2                  | 1-15/16             | 3/4                    | 7/8                          | 7/16                         | 11-1/2               |                                        | VG0640912                              |
| 8                          | 2-1/2                   | 2500                                           | 3-1/4                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 15-1/2               | VG0840116                              |                                        |
| 8                          | 2-1/2                   | 2500                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 7/8                          | 7/16                         | 15-1/2               | VG0840120                              |                                        |
| 8                          | 2-1/2                   | 2500                                           | 3-1/2                  | 1-15/16             | 3/4                    | 7/8                          | 7/16                         | 15-1/2               |                                        | VG0840912                              |
| 8                          | 2-1/2                   | 2500                                           | 3-1/2                  | 2                   | 1                      | 7/8                          | 7/16                         | 15-1/2               |                                        | VG0840916                              |
| 8                          | 3                       | 2500                                           | 3-1/4                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 16-3/4               | VG0850116                              |                                        |
| 8                          | 3                       | 2500                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 7/8                          | 7/16                         | 16-3/4               | VG0850120                              |                                        |
| 8                          | 3                       | 2500                                           | 3-1/2                  | 1-15/16             | 3/4                    | 7/8                          | 7/16                         | 16-1/2               |                                        | VG0850912                              |
| 8                          | 3                       | 2500                                           | 3-1/2                  | 2                   | 1                      | 7/8                          | 7/16                         | 16-1/2               |                                        | VG0850916                              |
| 8                          | 3                       | 4000                                           | 3-1/4                  | 2-7/16              | 1-1/4                  | 1-3/8                        | 11/16                        | 17-3/4               | VL0850120                              |                                        |
| 8                          | 3                       | 4000                                           | 3-1/4                  | 2-7/16              | 1-1/2                  | 1-3/8                        | 11/16                        | 17-3/4               | VL0850124                              |                                        |
| 8                          | 3                       | 4000                                           | 3-1/2                  | 2-7/16              | 1                      | 1-3/8                        | 11/16                        | 17-1/4               |                                        | VL0850916                              |
| 8                          | 3                       | 4000                                           | 3-1/2                  | 2-7/16              | 1-1/4                  | 1-3/8                        | 11/16                        | 17-1/4               |                                        | VL0850920                              |
| 10                         | 3                       | 3000                                           | 3-1/4                  | 1-15/16             | 1                      | 1-3/8                        | 11/16                        | 27                   | VG1050116                              |                                        |
| 10                         | 3                       | 3000                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 1-3/8                        | 11/16                        | 27                   | VG1050120                              |                                        |
| 10                         | 3                       | 3500                                           | 3-1/2                  | 1-15/16             | 3/4                    | 1-3/8                        | 11/16                        | 26-3/4               |                                        | VG1050912                              |
| 10                         | 3                       | 3500                                           | 3-1/2                  | 2                   | 1                      | 1-3/8                        | 11/16                        | 26-3/4               |                                        | VG1050916                              |
| 10                         | 3                       | 4000                                           | 3-1/4                  | 2-7/16              | 1-1/4                  | 1-3/8                        | 11/16                        | 28                   | VL1050120                              |                                        |
| 10                         | 3                       | 4000                                           | 3-1/4                  | 2-7/16              | 1-1/2                  | 1-3/8                        | 11/16                        | 28                   | VL1050124                              |                                        |
| 10                         | 3                       | 4000                                           | 3-1/2                  | 2-7/16              | 1                      | 1-3/8                        | 11/16                        | 27-1/4               |                                        | VL1050916                              |
| 10                         | 3                       | 4000                                           | 3-1/2                  | 2-11/32             | 1-1/4                  | 1-3/8                        | 11/16                        | 27-1/4               |                                        | VL1050920                              |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

# VM Ductile V-Groove

NEW MODEL!



| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Based for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Groove Width "A"<br>(Inches) | Groove Depth "B"<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Roller<br>Bearing (01) | Wheel Number<br>Tapered Roller<br>(09) |
|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|------------------------------|------------------------------|----------------------|----------------------------------------|----------------------------------------|
| 6                          | 2-1/2                   | 3500                                           | 3-1/4                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 9-1/2                | VM0640116                              |                                        |
| 6                          | 2-1/2                   | 3500                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 7/8                          | 7/16                         | 9-1/2                | VM0640120                              |                                        |
| 6                          | 2-1/2                   | 3500                                           | 3-1/2                  | 1-15/16             | 3/4                    | 7/8                          | 7/16                         | 9-1/2                |                                        | VM0640912                              |
| 6                          | 3                       | 5000                                           | 3-1/4                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 10-1/2               | VM0640116                              |                                        |
| 6                          | 3                       | 5000                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 7/8                          | 7/16                         | 10-1/2               | VM0640120                              |                                        |
| 6                          | 3                       | 5000                                           | 3-1/2                  | 1-15/16             | 3/4                    | 7/8                          | 7/16                         | 10-1/2               |                                        | VM0640912                              |
| 8                          | 3                       | 5000                                           | 3-1/4                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 16-1/2               | VM0850116                              |                                        |
| 8                          | 3                       | 5000                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 7/8                          | 7/16                         | 16-1/2               | VM0850120                              |                                        |
| 8                          | 3                       | 5000                                           | 3-1/2                  | 1-15/16             | 3/4                    | 7/8                          | 7/16                         | 16-1/2               |                                        | VM0850912                              |
| 8                          | 3                       | 5000                                           | 3-1/2                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 16-1/2               |                                        | VM0850916                              |
| 10                         | 3                       | 6000                                           | 3-1/4                  | 1-15/16             | 1                      | 1-3/8                        | 11/16                        | 26                   | VM1050116                              |                                        |
| 10                         | 3                       | 6000                                           | 3-1/4                  | 1-15/16             | 1-1/4                  | 1-3/8                        | 11/16                        | 26                   | VM1050120                              |                                        |
| 10                         | 3                       | 6000                                           | 3-1/2                  | 1-15/16             | 3/4                    | 1-3/8                        | 11/16                        | 26                   |                                        | VM1050912                              |
| 10                         | 3                       | 6000                                           | 3-1/2                  | 1-15/16             | 1                      | 1-3/8                        | 11/16                        | 26                   |                                        | VM1050916                              |

# FS Drop Forged Steel Wheels



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

## FEATURES

- **Wheel face:** Machined flat with rounded edges
- **Finish:** Clear coat enamel
- **Temperature Range:** Up to 800°F, consult factory
- **Hardness:** Rockwell 80 B

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

Up to 20,000 lbs  
Capacity

|    | Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Tread Width (Inch)<br>(Rate for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Tapered Roller<br>(09) |
|----|----------------------------|-------------------------|---------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|-------------------------------------------|
| 4  | 1-1/2                      | 1400                    | 2-3/16                                            | 1-3/16                 | 1/2                 | 3-1/4                  | FS0410108            |                                           |                                           |
| 4  | 1-1/2                      | 1400                    | 2-3/16                                            | 1-3/16                 | 5/8                 | 3-1/4                  | FS0410110            |                                           |                                           |
| 4  | 1-1/2                      | 1400                    | 2-3/16                                            | 1-3/16                 | 3/4                 | 3-1/4                  | FS0410112~           |                                           |                                           |
| 4  | 1-1/2                      | 1400                    | 2-7/16                                            | 1-3/8                  | 1/2                 | 3-1/4                  |                      |                                           | FS0410908                                 |
| 5  | 1-3/4                      | 1500                    | 2-3/16                                            | 1-3/16                 | 1/2                 | 5-1/4                  | FS0520108            |                                           |                                           |
| 5  | 1-3/4                      | 1500                    | 2-3/16                                            | 1-3/16                 | 5/8                 | 5-1/4                  | FS0520110            |                                           |                                           |
| 5  | 1-3/4                      | 1500                    | 2-3/16                                            | 1-3/16                 | 3/4                 | 5-1/4                  | FS0520112~           |                                           |                                           |
| 5  | 1-3/4                      | 1800                    | 2-7/16                                            | 1-3/8                  | 1/2                 | 5-1/4                  | FS0520908            |                                           |                                           |
| 6  | 2                          | 1500                    | 2-3/16                                            | 1-3/16                 | 1/2                 | 6-1/4                  | FS0620108            |                                           |                                           |
| 6  | 2                          | 1500                    | 2-3/16                                            | 1-3/16                 | 5/8                 | 6-1/4                  | FS0620110            |                                           |                                           |
| 6  | 2                          | 1500                    | 2-3/16                                            | 1-3/16                 | 3/4                 | 6-1/4                  | FS0620112~           |                                           |                                           |
| 6  | 2                          | 2500                    | 2-7/16                                            | 1-3/8                  | 1/2                 | 6-1/4                  |                      |                                           | FS0620908                                 |
| 6  | 2                          | 2500                    | 2-7/16                                            | 1-7/8                  | 3/4                 | 6-1/4                  |                      |                                           | FS0620912                                 |
| 6  | 2-1/2                      | 4000                    | 3-1/4                                             | 1-15/16                | 1                   | 11-3/4                 | FS0640116            |                                           |                                           |
| 6  | 2-1/2                      | 4000                    | 3-1/4                                             | 1-15/16                | 1-1/4               | 11-3/4                 | FS0640120            |                                           |                                           |
| 6  | 2-1/2                      | 5000                    | 3-1/2                                             | 1-7/8                  | 3/4                 | 11-1/4                 |                      |                                           | FS0640912                                 |
| 6  | 2-1/2                      | 5000                    | 3-1/2                                             | 2-1/4                  | 1                   | 11-3/4                 |                      |                                           | FS0640916                                 |
| 6  | 3                          | 6000                    | 3-1/4                                             | 2-7/16                 | 1-1/4               | 20-1/4                 | FS0650120            |                                           |                                           |
| 6  | 3                          | 6000                    | 3-1/2                                             | 2-7/16                 | 1-1/2               | 20-1/4                 | FS0650124            |                                           |                                           |
| 6  | 3                          | 10000                   | 3-1/2                                             | 2-7/16                 | 1                   | 19-3/4                 |                      |                                           | FS0650916                                 |
| 6  | 3                          | 10000                   | 3-1/2                                             | 2-7/16                 | 1-1/8               | 19-3/4                 |                      |                                           | FS0650918                                 |
| 6  | 3                          | 10000                   | 3-1/2                                             | 2-7/16                 | 1-1/4               | 19-3/4                 |                      |                                           | FS0650920                                 |
| 8  | 2-1/2                      | 4000                    | 3-1/4                                             | 1-15/16                | 1                   | 18                     | FS0840116            |                                           |                                           |
| 8  | 2-1/2                      | 4000                    | 3-1/4                                             | 1-15/16                | 1-1/4               | 18                     | FS0840120            |                                           |                                           |
| 8  | 3                          | 4500                    | 3-1/4                                             | 1-15/16                | 1                   | 18-1/4                 | FS0850116            |                                           |                                           |
| 8  | 3                          | 4500                    | 3-1/4                                             | 1-15/16                | 1-1/4               | 18-1/4                 | FS0850120            |                                           |                                           |
| 8  | 3                          | 5500                    | 3-1/2                                             | 1-15/16                | 3/4                 | 18-1/4                 |                      |                                           | FS0850912                                 |
| 8  | 3                          | 5500                    | 3-1/2                                             | 2-1/4                  | 1                   | 18-1/4                 |                      |                                           | FS0850916                                 |
| 8  | 4                          | 8350                    | 4-1/4                                             | 2-7/16                 | 1-1/4               | 35-1/2                 | FS0870120            |                                           |                                           |
| 8  | 4                          | 8350                    | 4-1/4                                             | 2-7/16                 | 1-1/2               | 35-1/2                 | FS0870124            |                                           |                                           |
| 8  | 4                          | 10000                   | 4-1/2                                             | 2-7/16                 | 1                   | 36-1/2                 |                      |                                           | FS0870916                                 |
| 8  | 4                          | 10000                   | 4-1/2                                             | 2-7/16                 | 1-1/8               | 36-1/2                 |                      |                                           | FS0870918                                 |
| 8  | 4                          | 10000                   | 4-1/2                                             | 2-7/16                 | 1-1/4               | 36-1/2                 |                      |                                           | FS0870920                                 |
| 10 | 3                          | 5000                    | 3-1/4                                             | 1-15/16                | 1                   | 27-3/4                 | FS1050116            |                                           |                                           |
| 10 | 3                          | 5000                    | 3-1/4                                             | 1-15/16                | 1-1/4               | 27-3/4                 | FS1050120            |                                           |                                           |
| 10 | 3                          | 6000                    | 3-1/2                                             | 1-15/16                | 3/4                 | 27-1/2                 |                      |                                           | FS1050912                                 |
| 10 | 4                          | 8350                    | 4-1/4                                             | 2-7/16                 | 1-1/4               | 48                     | FS1070120            |                                           |                                           |
| 10 | 4                          | 8350                    | 4-1/4                                             | 2-7/16                 | 1-1/2               | 48                     | FS1070124            |                                           |                                           |
| 10 | 4                          | 10000                   | 4-1/2                                             | 2-7/16                 | 1                   | 47-1/4                 |                      |                                           | FS1070916                                 |
| 10 | 4                          | 10000                   | 4-1/2                                             | 2-7/16                 | 1-1/8               | 47-1/4                 |                      |                                           | FS1070918                                 |
| 10 | 4                          | 10000                   | 4-1/2                                             | 2-7/16                 | 1-1/4               | 47-1/4                 |                      |                                           | FS1070920                                 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

# FH Large Bore Drop Forged Steel Wheels

|    |   |       |       |        |       |        |           |  |           |
|----|---|-------|-------|--------|-------|--------|-----------|--|-----------|
| 6  | 3 | 17000 | 3-1/2 | 3-1/8  | 1-1/4 | 22-1/4 |           |  | FH0650920 |
| 6  | 3 | 17000 | 3-1/2 | 3-1/8  | 1-1/2 | 22-1/4 |           |  | FH0650924 |
| 8  | 3 | 6500  | 3-1/4 | 2-7/16 | 1-1/4 | 34     | FH0850120 |  |           |
| 8  | 4 | 20000 | 4-1/2 | 3-1/8  | 1-1/4 | 34     |           |  | FH0870920 |
| 8  | 4 | 20000 | 4-1/2 | 3-1/8  | 1-1/2 | 34     |           |  | FH0870924 |
| 10 | 3 | 6000  | 3-1/4 | 2-7/16 | 1-1/4 | 37-1/4 | FH1050120 |  |           |
| 10 | 3 | 6000  | 3-1/4 | 2-7/16 | 1-1/2 | 37-1/4 | FH1050124 |  |           |
| 10 | 3 | 6500  | 3-1/2 | 2-7/16 | 1     | 37     |           |  | FH1050916 |
| 10 | 3 | 6500  | 3-1/2 | 2-7/16 | 1-1/4 | 37     |           |  | FH1050920 |
| 10 | 4 | 20000 | 4-1/2 | 3-1/8  | 1-1/4 | 46-1/4 |           |  | FH1070920 |
| 10 | 4 | 20000 | 4-1/2 | 3-1/8  | 1-1/2 | 46-1/4 |           |  | FH1070924 |



# FM Flat Tread Ductile Wheels

NEW MODEL!



Albion FM Ductile Wheels feature higher capacities compared to cast iron wheels. Wheels are painted black.

## FEATURES

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



## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches)              | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rate for normal operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Plain Bore<br>(00) | Wheel Number<br>Roller<br>Bearing<br>(01) | Wheel Number<br>Tapered<br>Roller<br>(09) |
|-----------------------------------------|-------------------------|-----------------------------------------------|------------------------|---------------------|------------------------|----------------------|------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Ductile Iron Models – Flat Tread</b> |                         |                                               |                        |                     |                        |                      |                                    |                                           |                                           |
| 5                                       | 2                       | 1500                                          | 2-3/16                 | 1-3/16              | 3/4                    | 6                    | FM0520019                          | FM0520112                                 |                                           |
| 5                                       | 2                       | 1500                                          | 2-7/16                 | 1-3/8               | 1/2                    | 6                    |                                    |                                           | FM0520908                                 |
| 6                                       | 2                       | 1500                                          | 2-3/16                 | 1-3/16              | 3/4                    | 7-1/2                | FM0620019                          | FM0620112                                 |                                           |
| 6                                       | 2                       | 2000                                          | 2-7/16                 | 1-3/8               | 1/2                    | 7-1/2                |                                    |                                           | FM0620908                                 |
| 6                                       | 2-1/2                   | 3500                                          | 3-1/4                  | 1-15/16             | 1-1/4                  | 10-1/2               | FM0640031                          | FM0640120                                 |                                           |
| 6                                       | 2-1/2                   | 3500                                          | 3-1/2                  | 1-15/16             | 1-1/4                  | 10-1/2               |                                    |                                           | FM0640912                                 |
| 6                                       | 3                       | 6000                                          | 3-1/4                  | 1-15/16             | 1-1/4                  | 11-1/2               | FM0650031                          | FM0650120                                 |                                           |
| 6                                       | 3                       | 6000                                          | 3-1/2                  | 1-15/16             | 1-1/4                  | 11-1/2               |                                    |                                           | FM0650912                                 |
| 8                                       | 2                       | 2000                                          | 2-3/16                 | 1-3/16              | 3/4                    | 11                   | FM0820019                          | FM0820112                                 |                                           |
| 8                                       | 2                       | 2000                                          | 2-7/16                 | 1-3/8               | 1/2                    | 11                   |                                    |                                           | FM0820908                                 |
| 8                                       | 3                       | 6000                                          | 3-1/4                  | 1-15/16             | 1                      | 15-1/2               | FM0850031                          | FM0850116                                 |                                           |
| 8                                       | 3                       | 6000                                          | 3-1/2                  | 1-15/16             | 3/4                    | 15-1/2               |                                    |                                           | FM0850912                                 |
| 10                                      | 3                       | 6000                                          | 3-1/4                  | 1-15/16             | 1-1/4                  | 20-1/2               | FM1050031                          | FM1050120                                 |                                           |
| 10                                      | 3                       | 6000                                          | 3-1/2                  | 1-15/16             | 3/4                    | 20-1/2               |                                    |                                           | FM1050912                                 |

|    |       |      |       |        |       |        |  |           |           |
|----|-------|------|-------|--------|-------|--------|--|-----------|-----------|
| 12 | 3-1/2 | 6000 | 4-1/4 | 2-7/16 | 1-1/4 | 40-1/2 |  | FM1260120 |           |
| 12 | 3-1/2 | 6000 | 4-1/4 | 2-7/16 | 1-1/2 | 40-1/2 |  | FM1260124 |           |
| 12 | 3-1/2 | 6000 | 4-1/2 | 2-7/16 | 1     | 40     |  |           | FM1260916 |
| 12 | 3-1/2 | 6000 | 4-1/2 | 2-7/16 | 1-1/4 | 40     |  |           | FM1260920 |

3-1/2" tread width models are not painted.

DUCTILE WHEELS • UP TO 6000

# FR Full Radius Tread Ductile Wheels

NEW MODEL!



FR Full Radius Tread  
Design For Easier  
Maneuverability

Albion FR Ductile Wheels feature higher capacities compared to cast iron wheels. Full radius tread design makes them easier to swivel and roll. Wheel are painted black.

## FEATURES

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

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches)                     | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rate for normal operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Plain Bore<br>(00) | Wheel Number<br>Roller<br>Bearing<br>(01) | Wheel Number<br>Tapered<br>Roller<br>(09) |
|------------------------------------------------|-------------------------|-----------------------------------------------|------------------------|---------------------|------------------------|----------------------|------------------------------------|-------------------------------------------|-------------------------------------------|
| <b>Ductile Iron Models – Full Radius Tread</b> |                         |                                               |                        |                     |                        |                      |                                    |                                           |                                           |
| 5                                              | 2                       | 1500                                          | 2-3/16                 | 1-3/16              | 3/4                    | 6                    | FR0520019                          | FR0520112                                 |                                           |
| 5                                              | 2                       | 1500                                          | 2-7/16                 | 1-3/8               | 1/2                    | 6                    |                                    |                                           | FR0520908                                 |
| 6                                              | 2                       | 2000                                          | 2-3/16                 | 1-3/16              | 3/4                    | 7-1/2                | FR0620019                          | FR0620112                                 |                                           |
| 6                                              | 2                       | 2000                                          | 2-7/16                 | 1-3/8               | 1/2                    | 7-1/2                |                                    |                                           | FR0620908                                 |
| 6                                              | 2-1/2                   | 3500                                          | 3-1/4                  | 1-15/16             | 1-1/4                  | 10-1/2               | FR0640031                          | FR0640120                                 |                                           |
| 6                                              | 2-1/2                   | 3500                                          | 3-1/2                  | 1-15/16             | 3/4                    | 10-1/2               |                                    |                                           | FR0640912                                 |
| 6                                              | 3                       | 6000                                          | 3-1/4                  | 1-15/16             | 1-1/4                  | 11-1/2               | FR0650031                          | FR0650120                                 |                                           |
| 6                                              | 3                       | 6000                                          | 3-1/2                  | 1-15/16             | 3/4                    | 11-1/2               |                                    |                                           | FR0650912                                 |
| 8                                              | 2                       | 1500                                          | 2-3/16                 | 1-3/16              | 1-3/16                 | 11                   | FR0820019                          | FR0820112                                 |                                           |
| 8                                              | 2                       | 2000                                          | 2-7/16                 | 1-3/8               | 1/2                    | 11                   |                                    |                                           | FR0820908                                 |
| 8                                              | 3                       | 5000                                          | 3-1/4                  | 1-15/16             | 1-1/4                  | 15-1/2               | FR0850031                          | FR0850120                                 |                                           |
| 8                                              | 3                       | 6000                                          | 3-1/2                  | 1-15/16             | 3/4                    | 15-1/2               |                                    |                                           | FR0850912                                 |
| 10                                             | 3                       | 5000                                          | 3-1/4                  | 1-15/16             | 1-1/4                  | 20-1/2               | FR1050031                          | FR1050120                                 |                                           |
| 10                                             | 3                       | 6000                                          | 3-1/2                  | 1-15/16             | 3/4                    | 20-1/2               |                                    |                                           | FR1050912                                 |

# VF/VH Drop Forged Steel V-Groove Wheels



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

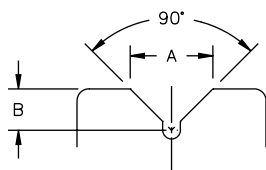
Please note: Track alignment is critical when utilizing v-groove wheels.

## FEATURES

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

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.



Letters match to chart descriptions

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity<br>(Lbs)<br>(Rated for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Groove Width "A"<br>(Inches) | Groove Depth "B"<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Tapered Roller<br>(09) |
|----------------------------|-------------------------|---------------------------------------------------|------------------------|---------------------|------------------------|------------------------------|------------------------------|----------------------|-------------------------------------------|-------------------------------------------|
| 6                          | 3                       | 6000                                              | 3-1/4                  | 2-7/16              | 1-1/4                  | 1-3/8                        | 11/16                        | 20-1/4               | VF0650120                                 |                                           |
| 6                          | 3                       | 6000                                              | 3-1/4                  | 2-7/16              | 1-1/2                  | 1-3/8                        | 11/16                        | 20-1/4               | VF0650124                                 |                                           |
| 6                          | 3                       | 6500                                              | 3-1/2                  | 2-7/16              | 1                      | 1-3/8                        | 11/16                        | 19-3/4               |                                           | VF0650916                                 |
| 6                          | 3                       | 6500                                              | 3-1/2                  | 2-7/16              | 1-1/4                  | 1-3/8                        | 11/16                        | 19-3/4               |                                           | VF0650920                                 |
| 6                          | 3                       | 10000                                             | 3-1/2                  | 3-1/8               | 1-1/4                  | 1-3/8                        | 11/16                        | 22                   |                                           | VH0650920                                 |
| 6                          | 3                       | 10000                                             | 3-1/2                  | 3-1/8               | 1-1/2                  | 1-3/8                        | 11/16                        | 22                   |                                           | VH0650924                                 |
| 8                          | 3                       | 6000                                              | 3-1/4                  | 1-15/16             | 1                      | 7/8                          | 7/16                         | 30                   | VF0850116                                 |                                           |
| 8                          | 4                       | 8350                                              | 4-1/4                  | 2-7/16              | 1-1/4                  | 1-3/4                        | 7/8                          | 21-3/4               | VF0870120                                 |                                           |
| 8                          | 4                       | 8350                                              | 4-1/4                  | 2-7/16              | 1-1/2                  | 1-3/4                        | 7/8                          | 21-3/4               | VF0870124                                 |                                           |
| 8                          | 4                       | 10000                                             | 4-1/2                  | 2-7/16              | 1                      | 1-3/4                        | 7/8                          | 21                   |                                           | VF0870916                                 |
| 8                          | 4                       | 10000                                             | 4-1/2                  | 2-7/16              | 1-1/4                  | 1-3/4                        | 7/8                          | 21                   |                                           | VF0870920                                 |
| 8                          | 4                       | 15000                                             | 4-1/2                  | 3-1/8               | 1-1/4                  | 1-3/4                        | 7/8                          | 27-1/2               |                                           | VH0870920                                 |
| 8                          | 4                       | 15000                                             | 4-1/2                  | 3-1/8               | 1-1/2                  | 1-3/4                        | 7/8                          | 27-1/2               |                                           | VH0870924                                 |
| 10                         | 3                       | 6000                                              | 3-1/4                  | 2-7/16              | 1-1/4                  | 1-3/8                        | 11/16                        | 37-1/2               | VH1050120                                 |                                           |
| 10                         | 3                       | 6000                                              | 3-1/4                  | 2-7/16              | 1-1/2                  | 1-3/8                        | 11/16                        | 37-1/2               | VH1050124                                 |                                           |
| 10                         | 3                       | 6000                                              | 3-1/2                  | 2-7/16              | 1                      | 1-3/8                        | 11/16                        | 37                   |                                           | VH1050916                                 |
| 10                         | 3                       | 6000                                              | 3-1/2                  | 2-7/16              | 1-1/4                  | 1-3/8                        | 11/16                        | 37                   |                                           | VH1050920                                 |
| 10                         | 3                       | 5000                                              | 3-1/4                  | 1-15/16             | 1                      | 1-3/8                        | 11/16                        | 27-3/4               | VF1050116                                 |                                           |
| 10                         | 3                       | 5000                                              | 3-1/4                  | 1-15/16             | 1-1/4                  | 1-3/8                        | 11/16                        | 27-3/4               | VF1050120                                 |                                           |
| 10                         | 4                       | 8350                                              | 4-1/4                  | 2-7/16              | 1-1/4                  | 1-3/4                        | 7/8                          | 48                   | VF1070120                                 |                                           |
| 10                         | 4                       | 8350                                              | 4-1/4                  | 2-7/16              | 1-1/2                  | 1-3/4                        | 7/8                          | 48                   | VF1070124                                 |                                           |
| 10                         | 4                       | 10000                                             | 4-1/2                  | 2-7/16              | 1                      | 1-3/4                        | 7/8                          | 47-1/4               |                                           | VF1070916                                 |
| 10                         | 4                       | 10000                                             | 4-1/2                  | 2-7/16              | 1-1/4                  | 1-3/4                        | 7/8                          | 47-1/4               |                                           | VF1070920                                 |
| 10                         | 4                       | 15000                                             | 4-1/2                  | 3-1/8               | 1-1/4                  | 1-3/4                        | 7/8                          | 46-1/4               |                                           | VH1070920                                 |
| 10                         | 4                       | 15000                                             | 4-1/2                  | 3-1/8               | 1-1/2                  | 1-3/4                        | 7/8                          | 46-1/4               |                                           | VH1070924                                 |

# HE Hi-Temp Nylon Wheels



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

## FEATURES

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

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel Number<br>Roller Bearing (01) | Wheel Number<br>Plain Bore (41) |
|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------|---------------------------------|
| 3                          | 1-3/8                   | 600                                            | 1-1/2                  | 1/2                 | 1/2                    |                      |                                     | HE0304108                       |
| 3-1/2                      | 1-3/8                   | 700                                            | 1-1/2                  | 1/2                 | 3/8                    |                      |                                     | HE03X4108                       |
| 4                          | 1-1/4                   | 700                                            | 1-7/16                 | 1/2                 | 1/2                    |                      |                                     | HE0404108                       |
| 4                          | 1-1/2                   | 700                                            | 1-5/8                  | 1-3/16              | 3/4                    |                      | HE0410112                           |                                 |
| 4                          | 2                       | 800                                            | 2-3/16                 | 1-3/16              | 3/4                    |                      | HE0420112                           |                                 |
| 5                          | 1-3/8                   | 800                                            | 1-1/2                  | 1/2                 | 1                      |                      |                                     | HE0504108                       |
| 5                          | 1-1/2                   | 800                                            | 1-5/8                  | 1-3/16              | 3/4                    |                      | HE0510112                           |                                 |
| 5                          | 2                       | 1000                                           | 2-3/16                 | 1-3/16              | 3/4                    |                      | HE0520112                           |                                 |
| 6                          | 1-1/2                   | 800                                            | 1-5/8                  | 1-3/16              | 3/4                    |                      | HE0610112                           |                                 |
| 6                          | 2                       | 1200                                           | 2-3/16                 | 1-3/16              | 3/4                    |                      | HE0620112                           |                                 |
| 8                          | 1-1/2                   | 1200                                           | 1-5/8                  | 1-3/16              | 3/4                    |                      | HE0810112                           |                                 |
| 8                          | 2                       | 1400                                           | 2-3/16                 | 1-3/16              | 3/4                    |                      | HE0820112                           |                                 |

Handles the Heat!

# NW White Nylon Wheels



Economical ... Strong ... Clean.  
Excellent for clean rooms

## FEATURES

- **Wheel face:** Moderate crown
- Composed of injection molded white nylon
- Maximum performance, economical solution for your most demanding caster applications
- Excellent ergonomics ... wheel starts rolling, keeps rolling and swivels with ease!
- **Temperature Range:** -20°F to 250°F
- **Hardness:** 85 Shore D  $\pm 5$ .

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Weight<br>(Lbs) | Bearing                 | Wheel Number |
|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|-------------------------|-------------------------|--------------|
| 5                          | 2                       | 600                                            | 2-3/16                 | 1-3/16              | 1-3/16                 | 1                       | Plain Bore              | NW0520019    |
| 5                          | 2                       | 600                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1                       | Roller                  | NW0520112    |
| 5                          | 2                       | 600                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1                       | Pedestal Precision Ball | NW0522908    |
| 5                          | 2                       | 600                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1                       | Delrin                  | NW0525112    |
| 6                          | 2                       | 900                                            | 2-3/16                 | 1-3/16              | 1-3/16                 | 1-1/4                   | Plain Bore              | NW0620019    |
| 6                          | 2                       | 900                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/4                   | Roller                  | NW0620112    |
| 6                          | 2                       | 900                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/4                   | Pedestal Precision Ball | NW0622908    |
| 6                          | 2                       | 900                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/4                   | Delrin                  | NW0625112    |
| 8                          | 2                       | 1100                                           | 2-3/16                 | 1-3/16              | 1-3/16                 | 2                       | Plain Bore              | NW0820019    |
| 8                          | 2                       | 1100                                           | 2-3/16                 | 1-3/16              | 3/4                    | 2                       | Roller Bearing          | NW0820112    |
| 8                          | 2                       | 1100                                           | 2-3/16                 | 1-3/16              | 1/2                    | 2                       | Pedestal Precision Ball | NW0822908    |
| 8                          | 2                       | 1100                                           | 2-3/16                 | 1-3/16              | 3/4                    | 2                       | Delrin                  | NW0825112    |



# NG Maxim® Glass-filled Nylon Wheels



Albion's Maxim® wheel delivers a maximum performance, economical solution for your most demanding caster applications. With a focus on ergonomics, this advanced wheel starts rolling, keeps rolling and swivels with ease! The innovative nylon and fiberglass construction stands up to solvents, extreme temperatures and high load capacities. Maxim wheels won't absorb moisture!

## FEATURES

- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -40° to +250°F
- **Hardness:** 85 Shore D ±5

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Based on manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Pedestal<br>Precision<br>Ball (29)* | Wheel<br>Number<br>Annular<br>Ball<br>Bearing(31) |
|----------------------------|-------------------------|-----------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|--------------------------------------------------------|---------------------------------------------------|
| 3-1/4                      | 2                       | 700                                           | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | NG0320112                                 |                                                        |                                                   |
| 3-1/4                      | 2                       | 700                                           | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                           | NG0322908                                              | NG0323108                                         |
| 4                          | 2                       | 800                                           | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | NG0420112                                 |                                                        |                                                   |
| 4                          | 2                       | 800                                           | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                           | NG0422908                                              | NG0423108                                         |
| 5                          | 2                       | 1000                                          | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | NG0520112                                 |                                                        |                                                   |
| 5                          | 2                       | 1000                                          | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                           | NG0522908                                              | NG0523108                                         |
| 6                          | 2                       | 1200                                          | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/8                | NG0620112                                 |                                                        |                                                   |
| 6                          | 2                       | 1200                                          | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/8                |                                           | NG0622908                                              | NG0623108                                         |
| 8                          | 2                       | 1400                                          | 2-3/16                 | 1-3/16              | 3/4                    | 1-3/8                | NG0820112                                 |                                                        |                                                   |
| 8                          | 2                       | 1400                                          | 2-3/16                 | 1-3/16              | 1/2                    | 1-3/8                |                                           | NG0822908                                              | NG0823108                                         |
| 10                         | 2-1/2                   | 1400                                          | 2-3/16                 | 1-3/16              | 3/4                    |                      | NG1040112                                 |                                                        |                                                   |

\* Hub length of pedestal precision bearing (29) models is 2-7/16".

Great Phenolic  
Replacement  
Wheel!

# NR Maxim® NR Noise Reduction Wheels



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

## FEATURES

- **Wheel face:** Two rubber treads bonded to nylon tread
- **Finish:** Black
- **Temperature Range:** -40° to +250°F
- **Hardness:** 85 Shore D ±5

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Based on manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01,07) | Wheel<br>Number<br>Pedestal<br>Precision<br>Ball (29)* | Wheel<br>Number<br>Annular<br>Ball<br>Bearing (31) |
|----------------------------|-------------------------|-----------------------------------------------|------------------------|---------------------|------------------------|----------------------|----------------------------------------------|--------------------------------------------------------|----------------------------------------------------|
| 3-1/4                      | 2                       | 700                                           | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | NR0320112                                    |                                                        |                                                    |
| 4                          | 2                       | 800                                           | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | NR0420112                                    |                                                        |                                                    |
| 4                          | 2                       | 800                                           | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                              | NR0422908                                              | NR0423108                                          |
| 5                          | 2                       | 1000                                          | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | NR0520112                                    |                                                        |                                                    |
| 5                          | 2                       | 1000                                          | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                              | NR0522908                                              | NR0523108                                          |
| 6                          | 2                       | 1200                                          | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/8                | NR0620112                                    |                                                        |                                                    |
| 6                          | 2                       | 1200                                          | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/8                |                                              | NR0622908                                              | NR0623108                                          |
| 8                          | 2                       | 1400                                          | 2-3/16                 | 1-3/16              | 3/4                    | 1-3/8                | NR0820112                                    |                                                        |                                                    |
| 8                          | 2                       | 1400                                          | 2-3/16                 | 1-3/16              | 1/2                    | 1-3/8                |                                              | NR0822908                                              | NR0823108                                          |
| 10                         | 2-1/2                   | 1500                                          | 2-3/4                  | 1-3/16              | 3/4                    | 1-1/2                | NR1040712                                    |                                                        |                                                    |
| 10                         | 2-1/2                   | 1500                                          | 2-3/4                  | 1-3/16              | 1/2                    | 1-1/2                |                                              | NR1042908                                              | NR1043108                                          |

\* Hub length of pedestal precision bearing (29) models is 2-7/16".



# NY Trionix™ High Impact Polymer



These unique high impact polymer wheels deliver superior rollability, capacity and slide resistance. Trionix™ features unique polymers that resist corrosion and most chemicals. Injection molded process.

## FEATURES

- **Wheel face:** Slight crown
- **Finish:** Grey
- **Temperature Range NY:** -15°F to +185°F
- **Hardness:** 78-82 Shore D

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length*<br>(Inches) | Bore ID<br>(Inches) | Bearing ID*<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Precision<br>Bearing (28) |
|----------------------------|-------------------------|------------------------------------------------|-------------------------|---------------------|-------------------------|----------------------|----------------------------------------------|
| 8                          | 2                       | 1750                                           | 2-7/16                  | 2                   | 1/2                     | 4                    | NY0822808                                    |
| 10                         | 3                       | 2500                                           | 3-1/2                   | 2-7/16              | 3/4                     | 8                    | NY1052812                                    |

\*Hub length and Bearing ID are measured with top hats.

# NX Trionix™ High Impact Polymer



Similar to NY wheels except straight sided and higher capacity. Wheels are machined, not injection molded.

## FEATURES

- **Wheel face:** Slight crown
- **Finish:** Black
- **Temperature Range:** -30°F to +220°F
- **Hardness:** 78-82 Shore D

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length*<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Precision<br>Ball (28) |
|----------------------------|-------------------------|------------------------------------------------|-------------------------|---------------------|------------------------|----------------------|-------------------------------------------|
| 4                          | 2                       | 2160                                           | 2-7/16                  | 2                   | 1/2                    | 4                    | NX0422808                                 |
| 5                          | 2                       | 2160                                           | 2-7/16                  | 2                   | 1/2                    | 5                    | NX0522808                                 |
| 6                          | 2                       | 2160                                           | 2-7/16                  | 2                   | 1/2                    | 6                    | NX0622808                                 |
| 6                          | 2-1/2                   | 7200                                           | 3                       | 2                   | 3/4                    | 6-1/2                | NX0642812                                 |
| 6                          | 3                       | 7200                                           | 3-1/2                   | 2                   | 3/4                    | 6-1/2                | NX0652812                                 |
| 8                          | 2                       | 2160                                           | 2-7/16                  | 2                   | 1/2                    | 8                    | NX0822808                                 |
| 8                          | 2-1/2                   | 7200                                           | 3                       | 2                   | 3/4                    | 9                    | NX0842812                                 |
| 8                          | 3                       | 7200                                           | 3-1/2                   | 2                   | 3/4                    | 9                    | NX0852812                                 |
| 10                         | 2-1/2                   | 7200                                           | 3                       | 2                   | 3/4                    | 10                   | NX1042812                                 |
| 10                         | 3                       | 7200                                           | 3-1/2                   | 2                   | 3/4                    | 10                   | NX1052812                                 |

\*Hub length and Bearing ID are measured over top hats.



# TH/TS Straight Sided Phenolic



Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

## FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (300°F intermittent)
- **Hardness:** Rockwell 102 E

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity<br>(Lbs)<br>(Based for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) |
|----------------------------|-------------------------|---------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|
| 4                          | 1-1/2                   | 500                                               | 1-27/32                | 1-1/16              | 3/4                    | 3/4                  | TS0410112                                 |
| 4                          | 1-7/8                   | 800                                               | 2-13/32                | 1-3/16              | 3/4                    | 1                    | TS0420112                                 |
| 4                          | 2                       | 1000                                              | 2-3/16                 | 1-3/16              | 1/2                    | 1-3/4                | TH0420108                                 |
| 4                          | 2                       | 1000                                              | 2-3/16                 | 1-3/16              | 5/8                    | 1-3/4                | TH0420110                                 |
| 4                          | 2                       | 1000                                              | 2-3/16                 | 1-3/16              | 3/4                    | 1-3/4                | TH0420112~                                |
| 5                          | 1-1/2                   | 500                                               | 1-27/32                | 1-1/16              | 3/4                    | 1-1/4                | TS0510112~                                |
| 5                          | 1-7/8                   | 1000                                              | 2-13/32                | 1-3/16              | 3/4                    | 1-1/2                | TS0520112                                 |
| 5                          | 2                       | 1200                                              | 2-3/16                 | 1-3/16              | 1/2                    | 2-1/4                | TH0520108                                 |
| 5                          | 2                       | 1200                                              | 2-3/16                 | 1-3/16              | 5/8                    | 2-1/4                | TH0520110                                 |
| 5                          | 2                       | 1200                                              | 2-3/16                 | 1-3/16              | 3/4                    | 2-1/4                | TH0520112~                                |
| 6                          | 1-1/2                   | 500                                               | 1-27/32                | 1-3/16              | 3/4                    | 1-1/4                | TS0610112                                 |
| 6                          | 1-7/8                   | 1200                                              | 2-13/32                | 1-3/16              | 3/4                    | 1-3/4                | TS0620112                                 |
| 6                          | 2                       | 1500                                              | 2-3/16                 | 1-3/16              | 1/2                    | 3                    | TH0620108                                 |
| 6                          | 2                       | 1500                                              | 2-3/16                 | 1-3/16              | 5/8                    | 3                    | TH0620110                                 |
| 6                          | 2                       | 1500                                              | 2-3/16                 | 1-3/16              | 3/4                    | 3                    | TH0620112~                                |
| 8                          | 1-7/8                   | 1400                                              | 2-13/32                | 1-3/16              | 3/4                    | 4                    | TS0820112                                 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

# TL Laminated Phenolic Wheels



Laminated tread is highly resistant to chipping or fraying. Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers. Color is brown with black core. See TM section for features and options.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity<br>(Lbs)<br>(Based for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Tapered<br>Roller (09) |
|----------------------------|-------------------------|---------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|
| 6                          | 5                       | 8000                                              | 5-1/2                  | 1-1/16              | 1                      | 15-1/2               | TL0680916                                 |
| 6                          | 5                       | 8000                                              | 5-1/2                  | 1-3/16              | 1-1/4                  | 15-1/2               | TL0680920                                 |

Other sizes available, consult factory.

# TM

## phenolic Wheels



Wheels are molded of heavy macerated or chopped cotton denim, impregnated with phenolic resin and formed in close fitting molds under high pressure and temperature. They are non-marking and excellent load carriers.

### FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -65°F to +250°F (300°F intermittent)
- **Hardness:** Rockwell 102 E

### WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

# TR

## Heat Resistant phenolic



Similar to TM wheels, but temperature range increases to up to +475°F continuous use, +525°F intermittent use. Color is reddish green. See TM section for features and options. To order TR wheels change TM wheel number to **TR**. Example: TR1040116. Capacities are reduced – consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity<br>(Lbs)<br><small>(Rate for normal operation)</small> | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Tapered Roller<br>(09) |
|----------------------------|-------------------------|-----------------------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|-------------------------------------------|
| 3                          | 1-1/4                   | 400                                                             | 1-3/8                  | 1-1/16              | 1/2                    | 1/2                  | TM0300108                                 |                                           |
| 3-1/4                      | 1-1/2                   | 600                                                             | 1-5/8                  | 1-3/16              | 1/2                    | 3/4                  | TM0310108                                 |                                           |
| 3-1/4                      | 1-1/2                   | 600                                                             | 1-5/8                  | 1-3/16              | 5/8                    | 3/4                  | TM0310110                                 |                                           |
| 3-1/4                      | 1-1/2^                  | 600                                                             | 1-5/8                  | 1-3/16              | 3/4                    | 3/4                  | TM0310112~                                |                                           |
| 3-1/4                      | 2                       | 700                                                             | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/4                | TM0320108                                 |                                           |
| 3-1/4                      | 2                       | 700                                                             | 2-3/16                 | 1-3/16              | 5/8                    | 1-1/4                | TM0320110                                 |                                           |
| 3-1/4                      | 2                       | 700                                                             | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/4                | TM0320112~                                |                                           |
| 3-1/2                      | 1-1/4                   | 400                                                             | 1-3/8                  | 1-1/16              | 1/2                    | 3/4                  | TM03X0108                                 |                                           |
| 4                          | 1-1/4                   | 400                                                             | 1-3/8                  | 1-1/16              | 1/2                    | 3/4                  | TM0400108                                 |                                           |
| 4                          | 1-1/2                   | 600                                                             | 1-5/8                  | 1-3/16              | 1/2                    | 1                    | TM0410108                                 |                                           |
| 4                          | 1-1/2                   | 600                                                             | 1-5/8                  | 1-3/16              | 5/8                    | 1                    | TM0410110                                 |                                           |
| 4                          | 1-1/2^                  | 600                                                             | 1-5/8                  | 1-3/16              | 3/4                    | 1                    | TM0410112~                                |                                           |
| 4                          | 2                       | 800                                                             | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/2                | TM0420108                                 |                                           |
| 4                          | 2                       | 800                                                             | 2-3/16                 | 1-3/16              | 5/8                    | 1-1/2                | TM0420110                                 |                                           |
| 4                          | 2                       | 800                                                             | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/2                | TM0420112~                                |                                           |
| 5                          | 1-1/4                   | 400                                                             | 1-3/8                  | 1-1/16              | 1/2                    | 1-1/4                | TM0500108                                 |                                           |
| 5                          | 1-1/2                   | 600                                                             | 1-5/8                  | 1-3/16              | 1/2                    | 1-1/2                | TM0510108                                 |                                           |
| 5                          | 1-1/2                   | 600                                                             | 1-5/8                  | 1-3/16              | 5/8                    | 1-1/2                | TM0510110                                 |                                           |
| 5                          | 1-1/2^                  | 600                                                             | 1-5/8                  | 1-3/16              | 3/4                    | 1-1/2                | TM0510112~                                |                                           |
| 5                          | 2                       | 1000                                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1-3/4                | TM0520108                                 |                                           |
| 5                          | 2                       | 1000                                                            | 2-3/16                 | 1-3/16              | 5/8                    | 1-3/4                | TM0520110                                 |                                           |
| 5                          | 2                       | 1000                                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1-3/4                | TM0520112~                                |                                           |
| 6                          | 1-1/2                   | 800                                                             | 1-5/8                  | 1-3/16              | 1/2                    | 1-1/2                | TM0610108                                 |                                           |
| 6                          | 1-1/2                   | 800                                                             | 1-5/8                  | 1-3/16              | 5/8                    | 1-1/2                | TM0610110                                 |                                           |
| 6                          | 1-1/2^                  | 800                                                             | 1-5/8                  | 1-3/16              | 3/4                    | 1-1/2                | TM0610112~                                |                                           |
| 6                          | 2                       | 1200                                                            | 2-3/16                 | 1-3/16              | 1/2                    | 2-1/2                | TM0620108                                 |                                           |
| 6                          | 2                       | 1200                                                            | 2-3/16                 | 1-3/16              | 5/8                    | 2-1/2                | TM0620110                                 |                                           |
| 6                          | 2                       | 1200                                                            | 2-3/16                 | 1-3/16              | 3/4                    | 2-1/2                | TM0620112~                                |                                           |
| 6                          | 2-1/2                   | 1600                                                            | 3-1/4                  | 1-15/16             | 1                      | 4-1/2                | TM0640116                                 |                                           |
| 6                          | 2-1/2                   | 1600                                                            | 3-1/4                  | 1-15/16             | 1-1/4                  | 4-1/2                | TM0640120                                 |                                           |
| 6                          | 2-1/2                   | 1600                                                            | 2-3/4                  | 1-15/16             | 1                      | 4-1/4                | TM0640516                                 |                                           |
| 6                          | 2-1/2                   | 1600                                                            | 2-3/4                  | 1-3/16              | 3/4                    | 3-1/2                | TM0640712                                 |                                           |
| 6                          | 2-1/2                   | 1600                                                            | 3-1/2                  | 1-15/16             | 3/4                    | 4-1/4                |                                           | TM0640912                                 |
| 6                          | 3                       | 2000                                                            | 3-1/4                  | 1-3/16              | 1                      | 5                    | TM0650116                                 |                                           |
| 6                          | 3                       | 2000                                                            | 3-1/4                  | 1-3/16              | 1-1/4                  | 5                    | TM0650120                                 |                                           |
| 6                          | 3                       | 2000                                                            | 3-1/2                  | 1-3/16              | 3/4                    | 4-3/4                |                                           | TM0650912                                 |
| 6                          | 3                       | 2000                                                            | 3-1/2                  | 1-3/16              | 1                      | 4-3/4                |                                           | TM0650916                                 |
| 6                          | 3                       | 2000                                                            | 3-1/2                  | 1-1/16              | 1-1/4                  | 4-3/4                |                                           | TM0650920                                 |
| 7                          | 3                       | 2200                                                            | 3-1/4                  | 1-15/16             | 1                      | 6-1/2                | TM0750116                                 |                                           |
| 7                          | 3                       | 2200                                                            | 3-1/4                  | 1-15/16             | 1-1/4                  | 6-1/2                | TM0750120                                 |                                           |
| 7                          | 3                       | 2200                                                            | 3-1/2                  | 1-15/16             | 3/4                    | 6-1/4                |                                           | TM0750912                                 |
| 7                          | 3                       | 2200                                                            | 3-1/2                  | 2                   | 1                      | 6-1/4                |                                           | TM0750916                                 |
| 7                          | 3                       | 2200                                                            | 3-1/2                  | 2-11/32             | 1-1/4                  | 6-1/4                |                                           | TM0750920                                 |
| 8                          | 2                       | 1400                                                            | 2-3/16                 | 1-3/16              | 5/8                    | 4                    | TM0820110                                 |                                           |
| 8                          | 2                       | 1400                                                            | 2-3/16                 | 1-3/16              | 3/4                    | 4                    | TM0820112~                                |                                           |
| 8                          | 2-1/2                   | 2000                                                            | 3-1/4                  | 1-15/16             | 1                      | 6-1/4                | TM0840116                                 |                                           |
| 8                          | 2-1/2                   | 2000                                                            | 3-1/4                  | 1-15/16             | 1-1/4                  | 6-1/4                | TM0840120                                 |                                           |
| 8                          | 2-1/2                   | 1800                                                            | 2-3/4                  | 1-15/16             | 1                      | 5-3/4                | TM0840516                                 |                                           |
| 8                          | 2-1/2                   | 1600                                                            | 2-3/4                  | 1-3/16              | 3/4                    | 5-1/4                | TM0840712                                 |                                           |
| 8                          | 2-1/2                   | 2000                                                            | 3-1/2                  | 1-15/16             | 3/4                    | 6                    |                                           | TM0840912                                 |
| 8                          | 2-1/2                   | 2000                                                            | 3-1/2                  | 2                   | 1                      | 6                    |                                           | TM0840916                                 |
| 8                          | 3                       | 2500                                                            | 3-1/4                  | 1-15/16             | 1                      | 7-1/4                | TM0850116                                 |                                           |
| 8                          | 3                       | 2500                                                            | 3-1/4                  | 1-15/16             | 1-1/4                  | 7-1/4                | TM0850120                                 |                                           |
| 8                          | 3                       | 2500                                                            | 3-1/2                  | 1-15/16             | 3/4                    | 7                    |                                           | TM0850912                                 |
| 8                          | 3                       | 2500                                                            | 3-1/2                  | 2                   | 1                      | 7                    |                                           | TM0850916                                 |
| 8                          | 3                       | 2500                                                            | 3-1/2                  | 2-11/32             | 1-1/4                  | 7                    |                                           | TM0850920                                 |
| 8                          | 6**                     | 5000                                                            | 6-1/2                  | 2-11/32             | 1-1/4                  | 15-1/2               |                                           | TM0890920                                 |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 27/16" spanner and spacers included.

\*\*Specially machined wheel built from 2 modified 3" tread width wheels.

PHENOLIC WHEELS • UP TO 8000

Continued next page.

TM

TM Continued



TR

## Heat Resistant Phenolic



Similar to TM wheels, but temperature range increases to up to +475°F continuous use, +525°F intermittent use. Color is reddish green. See TM section for features and options. To order TR wheels change TM wheel number to **TR**. Example: **TR1040116**. Capacities are reduced – consult factory.

|    | Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for normal operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Tapered Roller<br>(09) |
|----|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|-------------------------------------------|
| 10 | 2-1/2                      | 2500                    | 3-1/4                                          | 1-15/16                | 1                   | 7-3/4                  |                      | <b>TM1040116</b>                          |                                           |
| 10 | 2-1/2                      | 2500                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 7-3/4                  |                      | <b>TM1040120</b>                          |                                           |
| 10 | 2-1/2                      | 2500                    | 2-3/4                                          | 1-15/16                | 1                   | 7-1/2                  |                      | <b>TM1040516</b>                          |                                           |
| 10 | 2-1/2                      | 2500                    | 2-3/4                                          | 1-3/16                 | 3/4                 | 7                      |                      | <b>TM1040712</b>                          |                                           |
| 10 | 3                          | 2900                    | 3-1/4                                          | 1-15/16                | 1                   | 9-3/4                  |                      | <b>TM1050116</b>                          |                                           |
| 10 | 3                          | 2900                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 9-3/4                  |                      | <b>TM1050120</b>                          |                                           |
| 10 | 3                          | 2900                    | 3-1/2                                          | 1-15/16                | 3/4                 | 9-1/2                  |                      |                                           | <b>TM1050912</b>                          |
| 10 | 3                          | 2900                    | 3-1/2                                          | 2                      | 1                   | 9-1/2                  |                      |                                           | <b>TM1050916</b>                          |
| 10 | 3                          | 2900                    | 3-1/2                                          | 2-11/32                | 1-1/4               | 9-1/2                  |                      |                                           | <b>TM1050920</b>                          |
| 10 | 6**                        | 5800                    | 6-1/2                                          | 2-11/32                | 1-1/4               | 20-1/2                 |                      |                                           | <b>TM1090920</b>                          |
| 12 | 2-1/2                      | 3000                    | 3-1/4                                          | 1-15/16                | 1                   | 11-3/4                 |                      | <b>TM1240116</b>                          |                                           |
| 12 | 2-1/2                      | 3000                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 11-3/4                 |                      | <b>TM1240120</b>                          |                                           |
| 12 | 2-1/2                      | 1800                    | 2-3/4                                          | 1-15/16                | 1                   | 11-1/4                 |                      | <b>TM1240516</b>                          |                                           |
| 12 | 3                          | 3500                    | 3-1/4                                          | 1-15/16                | 1                   | 12-3/4                 |                      | <b>TM1250116</b>                          |                                           |
| 12 | 3                          | 3500                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 12-3/4                 |                      | <b>TM1250120</b>                          |                                           |
| 12 | 3                          | 3500                    | 3-1/2                                          | 1-15/16                | 3/4                 | 12-1/2                 |                      |                                           | <b>TM1250912</b>                          |
| 12 | 3                          | 3500                    | 3-1/2                                          | 2                      | 1                   | 12-1/2                 |                      |                                           | <b>TM1250916</b>                          |
| 12 | 3                          | 3500                    | 3-1/2                                          | 2-11/32                | 1-1/4               | 12-1/2                 |                      |                                           | <b>TM1250920</b>                          |
| 12 | 3-1/2                      | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/4               | 23-1/2                 |                      | <b>TM1260120</b>                          |                                           |
| 12 | 3-1/2                      | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/2               | 23-1/2                 |                      | <b>TM1260124</b>                          |                                           |
| 12 | 3-1/2                      | 4000                    | 4-1/2                                          | 2-7/16                 | 1                   | 23                     |                      |                                           | <b>TM1260916</b>                          |
| 12 | 3-1/2                      | 4000                    | 4-1/2                                          | 2-7/16                 | 1-1/4               | 23                     |                      |                                           | <b>TM1260920</b>                          |
| 12 | 4                          | 8000                    | 4-1/2                                          | 2-11/32                | 1-1/4               | 26-1/4                 |                      |                                           | <b>TM1270920</b>                          |
| 16 | 3                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/4               | 25                     |                      | <b>TM1650120</b>                          |                                           |
| 16 | 3                          | 4000                    | 4-1/4                                          | 2-7/16                 | 1-1/2               | 25                     |                      | <b>TM1650124</b>                          |                                           |
| 16 | 3                          | 4000                    | 4-1/2                                          | 2-7/16                 | 1-1/4               | 25-3/4                 |                      |                                           | <b>TM1650920</b>                          |
| 16 | 4                          | 8000                    | 5-1/4                                          | 2-7/16                 | 1-1/4               | 35-3/4                 |                      | <b>TM1670120</b>                          |                                           |
| 16 | 4                          | 8000                    | 5-1/4                                          | 2-7/16                 | 1-1/2               | 35-3/4                 |                      | <b>TM1670124</b>                          |                                           |
| 16 | 4                          | 8000                    | 5-1/2                                          | 2-7/16                 | 1-1/4               | 34-1/4                 |                      |                                           | <b>TM1670920</b>                          |
| 18 | 3                          | 3500                    | 3-1/4                                          | 1-15/16                | 1                   | 23-3/4                 |                      | <b>TM1850116</b>                          |                                           |
| 18 | 3                          | 3500                    | 3-1/4                                          | 1-15/16                | 1-1/4               | 23-3/4                 |                      | <b>TM1850120</b>                          |                                           |

~ Wheels are complete with spanner bushing and nylon sealed retaining/thrust washer.

^ 27/16" spanner and spacers included.

\*\*Specially machined wheel built from 2 modified 3" tread width wheels.

# GP Fiberglass Filled polypropylene



A new innovative wheel featuring heavy-duty reinforced fiberglass filled polypropylene. Our test data shows that it last three times longer than the competition. Wheel has excellent mobility under heavy load and resists many features excellent chemical resistance.

## FEATURES

- **Wheel face:** Moderate crown
- **Finish:** Black
- **Temperature Range:** -20 to +250°F
- **Hardness:** 65 Shore D

## WHEEL OPTIONS

- Note: Select bearings featured are recommended for standard applications. For special applications or alternate bearings consult factory. See bearing information on page 13.
- For customization & special application options, please consult factory.

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Pedestal<br>Precision<br>Ball (29)* | Wheel<br>Number<br>Delrion<br>Bearing<br>(51) |
|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|--------------------------------------------------------|-----------------------------------------------|
| 4                          | 2                       | 800                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | GP0420112                                 |                                                        |                                               |
| 4                          | 2                       | 800                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                           | GP0422908                                              | GP0425108                                     |
| 5                          | 2                       | 1000                                           | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | GP0520112                                 |                                                        |                                               |
| 5                          | 2                       | 1000                                           | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                           | GP0522908                                              | GP0525108                                     |
| 6                          | 2                       | 1200                                           | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/8                | GP0620112                                 |                                                        |                                               |
| 6                          | 2                       | 1200                                           | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/8                |                                           | GP0622908                                              | GP0625108                                     |
| 8                          | 2                       | 1400                                           | 2-3/16                 | 1-3/16              | 3/4                    | 1-3/8                | GP0820112                                 |                                                        |                                               |
| 8                          | 2                       | 1400                                           | 2-3/16                 | 1-3/16              | 1/2                    | 1-3/8                |                                           | GP0822908                                              | GP0825108                                     |

Question: What Happens When Albion's "Mad Engineers" Mix Polypropylene and Fiberglass?

Answer: A wheel that lasts 3 times longer than the competition

**ALBION**

www.albioninc.com

# IB polypropylene

## EMPIRE™ Casters & Wheels



Empire caster wheel is economical and ready to ship.

## FEATURES

- **Wheel face:** Molded with a crown
- **Finish:** Black

| Wheel Diameter<br>(Inches) | Tread Width<br>(Inches) | Capacity (Lbs)<br>(Rated for manual operation) | Hub Length<br>(Inches) | Bore ID<br>(Inches) | Bearing ID<br>(Inches) | Approx. Wt.<br>(Lbs) | Wheel<br>Number<br>Roller<br>Bearing (01) | Wheel<br>Number<br>Pedestal<br>Precision<br>Ball (29)* | Wheel<br>Number<br>Delrion<br>Bearing<br>(51) |
|----------------------------|-------------------------|------------------------------------------------|------------------------|---------------------|------------------------|----------------------|-------------------------------------------|--------------------------------------------------------|-----------------------------------------------|
| 4                          | 2                       | 400                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1                    | IB0420112                                 |                                                        |                                               |
| 4                          | 2                       | 400                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1                    |                                           | IB0422908                                              | IB0425108                                     |
| 5                          | 2                       | 500                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/4                | IB0520112                                 |                                                        |                                               |
| 5                          | 2                       | 500                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/4                |                                           | IB0522908                                              | IB0525108                                     |
| 6                          | 2                       | 700                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1-1/2                | IB0620112                                 |                                                        |                                               |
| 6                          | 2                       | 700                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1-1/2                |                                           | IB0622908                                              | IB0625108                                     |
| 8                          | 2                       | 900                                            | 2-3/16                 | 1-3/16              | 3/4                    | 1-3/4                | IB0820112                                 |                                                        |                                               |
| 8                          | 2                       | 900                                            | 2-3/16                 | 1-3/16              | 1/2                    | 1-3/4                |                                           | IB0822908                                              | IB0825108                                     |

- Economical
- Ready to Ship

Wheels used for 15 and 60 Series Empire Casters



15 Series

60 Series