



Consult factory for RoHS requirements on a part specific basis.

# 6 Series

Capacity up to **1500 lbs each**

**TOP PLATE** Swivel & Rigid



## Features

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

## Fork / Wheel Options

**NSF Listed For Food Service Industry**  
Consult factory for details.

### Forks Only

To order caster forks only use 1st 6 digits of model numbers (Example: 6.04209).



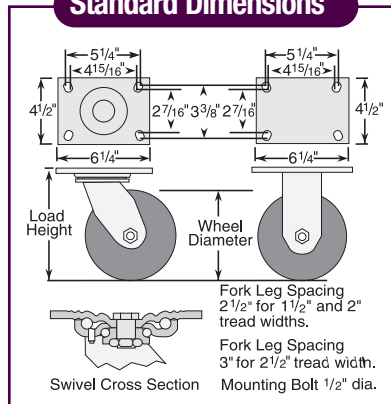
**Hand Activated Swivel Lock**  
(See page 90) Available on all swivel casters in Bolt-On or Welded design. (Specify **MTG62** for Bolt-On, or **MTG52** for Welded design; Example: 6.06209.949.7 MTG52).

**Thread Guards**  
(See page 98) Available on many models (Specify **TG1** for metal or **TG2** for plastic; Example: 6.06209.459 TG1).

**Axle/Nut Options**  
Consult factory.

**Lube Options**  
Consult factory.

## Standard Dimensions



## Caster Brake



**Tread Lock**  
(See page 89) Available on all swivel casters with 2" tread widths except V-Groove models (Specify **BRK1**; Example: 6.06209.949.7 BRK1).

**CAD Models & Datasheets Online!**  
[www.colsoncaster.com/casters/](http://www.colsoncaster.com/casters/)

See the Performa Advantage on Page 55.

## Wheel Selection



**Colson 6 Series Casters • Top Plate Swivel & Rigid • Capacity to 1500 lbs**

| Wheel Dia. | Tread Width                         | Capacity Each (Pounds) | Wheel Descriptions                      | Swivel Top Plate Roller Bearing Caster Models | Rigid Top Plate Roller Bearing Caster Models | Optional Bearings (Order information below chart) | Load Height         | Swivel Radius | Weight lbs (Rigid Deduct 1.5 lbs) |
|------------|-------------------------------------|------------------------|-----------------------------------------|-----------------------------------------------|----------------------------------------------|---------------------------------------------------|---------------------|---------------|-----------------------------------|
| 4"         | 2"                                  | 300                    | Performa Rubber (Conductive/Flat)       | 6.04209.459 COND                              | 6.04208.459 COND                             | PPBB                                              | 5 5/8"              | 3 5/8"        | 71/4                              |
|            |                                     | 400                    | Performa Rubber (Flat/Black)            | 6.04209.459                                   | 6.04208.459                                  | Delrin, Prec. Ball, PPBB                          | 5 5/8"              | 3 5/8"        | 71/4                              |
|            |                                     |                        | Performa Rubber (Flat/Grey)             | 6.04209.559                                   | 6.04208.559                                  | Delrin, Prec. Ball, PPBB                          | 5 5/8"              | 3 5/8"        | 71/4                              |
|            |                                     |                        | Performa Rubber (Round)                 | 6.04209.559                                   | 6.04208.559                                  | Delrin, Prec. Ball, PPBB                          | 5 5/8"              | 3 5/8"        | 71/4                              |
|            |                                     | 500                    | Polyolefin                              | 6.04209.839                                   | 6.04208.839                                  | Plain, Delrin, PPBB                               | 5 5/8"              | 3 5/8"        | 71/4                              |
|            |                                     |                        | Moldon Polyurethane (Aluminum core)     | 6.04209.939                                   | 6.04208.939                                  | Delrin, PPBB                                      | 5 5/8"              | 3 5/8"        | 71/2                              |
|            |                                     |                        | Moldon Polyurethane (Cast iron core)    | 6.04209.949.7                                 | 6.04208.949.7                                | Delrin, PPBB                                      | 5 5/8"              | 3 5/8"        | 91/4                              |
|            |                                     |                        | K Solid Polyurethane                    | 6.04209.939 KW                                | 6.04208.939 KW                               | Delrin, PPBB                                      | 5 5/8"              | 3 5/8"        | 71/4                              |
|            |                                     |                        | Polyurethane HI-TECH Maroon             | 6.04209.929                                   | 6.04208.929                                  | Delrin, PPBB                                      | 5 5/8"              | 3 5/8"        | 71/2                              |
|            |                                     |                        | Polyurethane Antimicrobial HI-TECH Grey | 6.04209.929G                                  | 6.04208.929G                                 | Delrin, PPBB                                      | 5 5/8"              | 3 5/8"        | 71/2                              |
|            |                                     |                        | Maxim                                   | 6.04209.539                                   | 6.04208.539                                  | Delrin, Bronze, PPBB                              | 5 5/8"              | 3 5/8"        | 63/8                              |
|            |                                     |                        | Phenolic                                | 6.04209.339                                   | 6.04208.339                                  | Delrin, PPBB                                      | 5 5/8"              | 3 5/8"        | 71/4                              |
|            |                                     |                        | CG-MAX Efficiency Wheel™™ (Orange)*     | 6.04209.9NC                                   | 6.04208.9NC                                  | Prec. Ball Standard                               | 5 5/8"              | 3 5/8"        | 91/8                              |
|            |                                     |                        | CG-MAX Efficiency Wheel™™ (Maroon)*     | 6.04209.9PC                                   | 6.04208.9PC                                  | Prec. Ball Standard                               | 5 5/8"              | 3 5/8"        | 91/8                              |
|            |                                     |                        | Thermo                                  | 6.04209.839 HT                                | 6.04208.839 HT                               | Plain, Bronze                                     | 5 5/8"              | 3 5/8"        | 81/4                              |
|            |                                     |                        | V-Groove                                | 6.04209.739                                   | 6.04208.739                                  | Delrin, PPBB                                      | 5 5/8"              | 3 5/8"        | 11                                |
|            | 1000                                | Endura Solid Elastomer | 6.04209.839 EN                          | 6.04208.839 EN                                | Delrin, Prec. Ball, PPBB                     | 5 5/8"                                            | 3 5/8"              | 71/4          |                                   |
|            |                                     | Cast Iron              | 6.04209.139                             | 6.04208.139                                   | Delrin, PPBB                                 | 5 5/8"                                            | 3 5/8"              | 9             |                                   |
| 5"         | 2"                                  | 325                    | Performa Rubber (Conductive/Flat)       | 6.05209.459 COND                              | 6.05208.459 COND                             | PPBB                                              | 6 1/2"              | 4 5/16"       | 75/8                              |
|            |                                     | 425                    | Performa Rubber (Round)                 | 6.05209.559                                   | 6.05208.559                                  | Delrin, Prec. Ball, PPBB                          | 6 1/2"              | 4 5/16"       | 75/8                              |
|            |                                     | 500                    | Performa Rubber (Flat/Black)            | 6.05209.459.2                                 | 6.05208.459.2                                | Delrin, Prec. Ball, PPBB                          | 6 1/2"              | 4 5/16"       | 75/8                              |
|            |                                     |                        | Performa Rubber (Flat/Grey)             | 6.05209.459                                   | 6.05208.459                                  | Delrin, Prec. Ball, PPBB                          | 6 1/2"              | 4 5/16"       | 75/8                              |
|            |                                     | 650                    | Polyolefin                              | 6.05209.839                                   | 6.05208.839                                  | Delrin, Plain, PPBB                               | 6 1/2"              | 4 5/16"       | 75/8                              |
|            |                                     |                        | Polyurethane HI-TECH Maroon             | 6.05209.929                                   | 6.05208.929                                  | Delrin, PPBB                                      | 6 1/2"              | 4 5/16"       | 81/2                              |
|            |                                     |                        | Polyurethane Antimicrobial HI-TECH Grey | 6.05209.929G                                  | 6.05208.929G                                 | Delrin, PPBB                                      | 6 1/2"              | 4 5/16"       | 81/2                              |
|            |                                     |                        | Maxim                                   | 6.05209.539                                   | 6.05208.539                                  | Delrin, Bronze, PPBB                              | 6 1/2"              | 4 5/16"       | 63/4                              |
|            |                                     |                        | Endura Solid Elastomer                  | 6.05209.839 EN                                | 6.05208.839 EN                               | Delrin, Prec. Ball, PPBB                          | 6 1/2"              | 4 5/16"       | 8                                 |
|            |                                     |                        | K Solid Polyurethane                    | 6.05209.939 KW                                | 6.05208.939 KW                               | Delrin, PPBB                                      | 6 1/2"              | 4 5/16"       | 8                                 |
|            |                                     |                        | Moldon Polyurethane (Aluminum core)     | 6.05209.939                                   | 6.05208.939                                  | Delrin, PPBB                                      | 6 1/2"              | 4 5/16"       | 83/4                              |
|            |                                     |                        | Moldon Polyurethane (Cast iron core)    | 6.05209.949.7                                 | 6.05208.949.7                                | Delrin, PPBB                                      | 6 1/2"              | 4 5/16"       | 111/4                             |
|            |                                     |                        | Phenolic                                | 6.05209.339                                   | 6.05208.339                                  | Delrin, PPBB                                      | 6 1/2"              | 4 5/16"       | 8                                 |
|            |                                     |                        | CG-MAX Efficiency Wheel™™ (Orange)*     | 6.05209.9NC                                   | 6.05208.9NC                                  | Prec. Ball Standard                               | 6 1/2"              | 4 5/16"       | 91/2                              |
|            |                                     |                        | CG-MAX Efficiency Wheel™™ (Maroon)*     | 6.05209.9PC                                   | 6.05208.9PC                                  | Prec. Ball Standard                               | 6 1/2"              | 4 5/16"       | 91/2                              |
|            |                                     |                        | Thermo                                  | 6.05209.839 HT                                | 6.05208.839 HT                               | Plain, Bronze                                     | 6 1/2"              | 4 5/16"       | 9                                 |
|            | Cast Iron                           | 6.05209.139            | 6.05208.139                             | Delrin, PPBB                                  | 6 1/2"                                       | 4 5/16"                                           | 103/4               |               |                                   |
| 6"         | 2"                                  | 410                    | Performa Rubber (Conductive/Flat)       | 6.06209.459 COND                              | 6.06208.459 COND                             | PPBB                                              | 7 1/2"              | 4 3/4"        | 73/4                              |
|            |                                     |                        | Performa Rubber (Conductive/Round)      | 6.06209.559 COND                              | 6.06208.559 COND                             | PPBB                                              | 7 1/2"              | 4 3/4"        | 73/4                              |
|            |                                     | 450                    | Performa Rubber (Round)                 | 6.06209.559                                   | 6.06208.559                                  | Delrin, Prec. Ball, PPBB                          | 7 1/2"              | 4 3/4"        | 73/4                              |
|            |                                     | 600                    | Performa Rubber (Flat/Black)            | 6.06209.459.2                                 | 6.06208.459.2                                | Delrin, Prec. Ball, PPBB                          | 7 1/2"              | 4 3/4"        | 73/4                              |
|            |                                     |                        | Performa Rubber (Flat/Grey)             | 6.06209.459                                   | 6.06208.459                                  | Delrin, Prec. Ball, PPBB                          | 7 1/2"              | 4 3/4"        | 73/4                              |
|            |                                     | 700                    | Polyolefin                              | 6.06209.839                                   | 6.06208.839                                  | Plain, Delrin, PPBB                               | 7 1/2"              | 4 3/4"        | 81/2                              |
|            |                                     |                        | Polyurethane HI-TECH Maroon             | 6.06209.929                                   | 6.06208.929                                  | Delrin, PPBB                                      | 7 1/2"              | 4 3/4"        | 73/4                              |
|            |                                     |                        | Polyurethane Antimicrobial HI-TECH Grey | 6.06209.929G                                  | 6.06208.929G                                 | Delrin, PPBB                                      | 7 1/2"              | 4 3/4"        | 73/4                              |
|            |                                     |                        | Endura Solid Elastomer                  | 6.06209.839 EN                                | 6.06208.839 EN                               | Delrin, Prec. Ball, PPBB                          | 7 1/2"              | 4 3/4"        | 91/4                              |
|            |                                     |                        | K Solid Polyurethane                    | 6.06209.939 KW                                | 6.06208.939 KW                               | Delrin, PPBB                                      | 7 1/2"              | 4 3/4"        | 91/4                              |
|            |                                     |                        | Maxim                                   | 6.06209.539                                   | 6.06208.539                                  | Delrin, Bronze, PPBB                              | 7 1/2"              | 4 3/4"        | 71/8                              |
|            |                                     |                        | Moldon Polyurethane (Aluminum core)     | 6.06209.939                                   | 6.06208.939                                  | Delrin, PPBB                                      | 7 1/2"              | 4 3/4"        | 91/4                              |
|            |                                     |                        | Moldon Polyurethane (Cast iron core)    | 6.06209.949.7                                 | 6.06208.949.7                                | Delrin, PPBB                                      | 7 1/2"              | 4 3/4"        | 121/2                             |
|            |                                     |                        | Phenolic                                | 6.06209.339                                   | 6.06208.339                                  | Delrin, PPBB                                      | 7 1/2"              | 4 3/4"        | 91/4                              |
|            |                                     |                        | V-Groove                                | 6.06209.739                                   | 6.06208.739                                  | Delrin, PPBB                                      | 7 1/2"              | 4 3/4"        | 12                                |
|            |                                     |                        | 1250                                    | CG-MAX Efficiency Wheel™™ (Orange)*           | 6.06209.9NC                                  | 6.06208.9NC                                       | Prec. Ball Standard | 7 1/2"        | 4 3/4"                            |
|            | CG-MAX Efficiency Wheel™™ (Maroon)* | 6.06209.9PC            | 6.06208.9PC                             | Prec. Ball Standard                           | 7 1/2"                                       | 4 3/4"                                            | 105/8               |               |                                   |
|            | 1500                                | Cast Iron              | 6.06209.139                             | 6.06208.139                                   | Delrin, PPBB                                 | 7 1/2"                                            | 4 3/4"              | 121/2         |                                   |
|            | 2 1/2"                              | 1500                   | Phenolic                                | 6.06259.369                                   | 6.06258.369                                  | —                                                 | 7 1/2"              | 4 3/4"        | 101/4                             |
|            |                                     | Cast Iron              | 6.06259.169                             | 6.06258.169                                   | —                                            | 7 1/2"                                            | 4 3/4"              | 153/4         |                                   |
| 8"         | 2"                                  | 500                    | Performa Rubber (Conductive/Flat)       | 6.08299.459 COND                              | 6.08298.459 COND                             | PPBB                                              | 9 1/2"              | 6 1/4"        | 81/2                              |
|            |                                     |                        | Performa Rubber (Conductive/Round)      | 6.08299.559 COND                              | 6.08298.559 COND                             | PPBB                                              | 9 1/2"              | 6 1/4"        | 81/2                              |
|            |                                     | 600                    | Performa Rubber (Round)                 | 6.08299.559                                   | 6.08298.559                                  | Delrin, Prec. Ball, PPBB                          | 9 1/2"              | 6 1/4"        | 81/2                              |
|            |                                     | 675                    | Performa Rubber (Flat/Black)            | 6.08299.459.2                                 | 6.08298.459.2                                | Delrin, Prec. Ball, PPBB                          | 9 1/2"              | 6 1/4"        | 81/2                              |
|            |                                     |                        | Performa Rubber (Flat/Grey)             | 6.08299.459                                   | 6.08298.459                                  | Delrin, Prec. Ball, PPBB                          | 9 1/2"              | 6 1/4"        | 81/2                              |
|            |                                     | 900                    | Polyolefin                              | 6.08299.839                                   | 6.08298.839                                  | Plain, Delrin, PPBB                               | 9 1/2"              | 6 1/4"        | 101/4                             |
|            |                                     |                        | Polyurethane HI-TECH Maroon             | 6.08299.929                                   | 6.08298.929                                  | Delrin, PPBB                                      | 9 1/2"              | 6 1/4"        | 91/2                              |
|            |                                     |                        | Polyurethane Antimicrobial HI-TECH Grey | 6.08299.929G                                  | 6.08298.929G                                 | Delrin, PPBB                                      | 9 1/2"              | 6 1/4"        | 91/2                              |
|            |                                     |                        | Endura Solid Elastomer                  | 6.08299.839 EN                                | 6.08298.839 EN                               | Delrin, Prec. Ball, PPBB                          | 9 1/2"              | 6 1/4"        | 111/2                             |
|            |                                     |                        | Phenolic                                | 6.08299.339                                   | 6.08298.339                                  | Delrin, PPBB                                      | 9 1/2"              | 6 1/4"        | 111/2                             |
|            |                                     |                        | Maxim                                   | 6.08299.539                                   | 6.08298.539                                  | Delrin, Bronze, PPBB                              | 9 1/2"              | 6 1/4"        | 8                                 |
|            |                                     |                        | K Solid Polyurethane                    | 6.08299.939 KW                                | 6.08298.939 KW                               | Delrin, PPBB                                      | 9 1/2"              | 6 1/4"        | 111/2                             |
|            |                                     |                        | Moldon Polyurethane (Aluminum core)     | 6.08299.939                                   | 6.08298.939                                  | Delrin, PPBB                                      | 9 1/2"              | 6 1/4"        | 111/4                             |
|            |                                     |                        | Moldon Polyurethane (Cast iron core)    | 6.08299.949.7                                 | 6.08298.949.7                                | Delrin, PPBB                                      | 9 1/2"              | 6 1/4"        | 161/4                             |
|            |                                     |                        | CG-MAX Efficiency Wheel™™ (Orange)*     | 6.08299.9NC                                   | 6.08298.9NC                                  | Prec. Ball Standard                               | 9 1/2"              | 6 1/4"        | 115/8                             |
|            |                                     |                        | CG-MAX Efficiency Wheel™™ (Maroon)*     | 6.08299.9PC                                   | 6.08298.9PC                                  | Prec. Ball Standard                               | 9 1/2"              | 6 1/4"        | 115/8                             |
|            | Cast Iron                           | 6.08299.139            | 6.08298.139                             | Delrin, PPBB                                  | 9 1/2"                                       | 6 1/4"                                            | 161/4               |               |                                   |
|            | 2 1/2"                              | 1500                   | Phenolic                                | 6.08259.369                                   | 6.08258.369                                  | —                                                 | 9 1/2"              | 6 1/4"        | 131/4                             |
|            |                                     | Cast Iron              | 6.08259.169                             | 6.08258.169                                   | —                                            | 9 1/2"                                            | 6 1/4"              | 18            |                                   |
| 10"        | 2 1/2"                              | 1500                   | Phenolic                                | 6.10259.369                                   | 6.10258.369                                  | —                                                 | 11 1/2"             | 7 25/32"      | 143/4                             |
|            |                                     |                        | Cast Iron                               | 6.10259.169                                   | 6.10258.169                                  | —                                                 | 11 1/2"             | 7 25/32"      | 221/2                             |

\*CG-MAX wheels available with Precision Ball Bearing only.

**Bearing Options**

Wheels feature roller bearings in above chart. To order optional bearings, see information to the right.



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

(Example: 4.06209.459 WB29).



**Torrington Roller Bearing**  
Torrington style roller bearing with retainer (Specify **WB19**).

Example: 4.06209.459 WB19).



**Delrin Bearing**  
For standard two-piece bearing change 9th digit to "1" (Example: 6.06209.931).

One-piece with steel thrust washers (Specify **WB11**; Example: 4.06201.459 WB11).



**Precision Ball Bearing**

To order change 8th and 9th digits to "P5" (Example: 4.06109.4P5).



**Pedestal Precision Ball Bearing (PPBB)**

To order change 9th digit to "5" (Example: 6.06209.4F5).



**Bronze Bearing**  
To order, change

the 9th digit in model number to "4" (Example: 6.06209.534).

**6 Series**