

61

Heavy Duty Casters

casterdepot.com

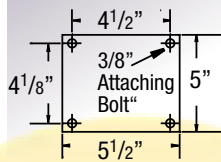


Manufactured from cold formed steel, this series comes highly recommended for use on heavy duty applications.

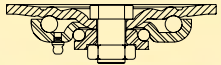
TYPICAL APPLICATIONS

- Movable racks
- Conveyor or "Dragline" operations
- Utility trucks
- Corrugated box trucks
- Caster mounted production Jigs and fixtures

Standard Plate



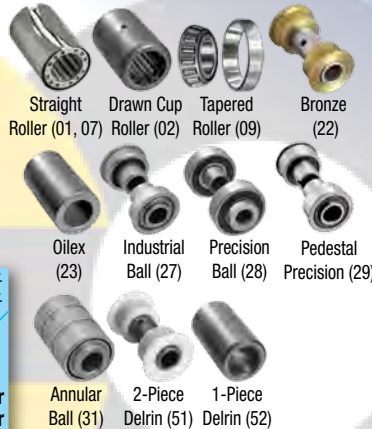
Swivel Cross Section



FEATURES

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

BEARING OPTIONS



RIG OPTIONS

- Neoprene **sealed swivel** section specify **NS61**
- **Inside weld** specify **IW61**
- **Thread guards** specify **TG61**
- **Hollow axle** for oilex and delrin applications specify **ZF07** (For up to 2" wide wheels).

BRAKE OPTIONS

Cam specify **CB61**



Face Brake specify **FBB**

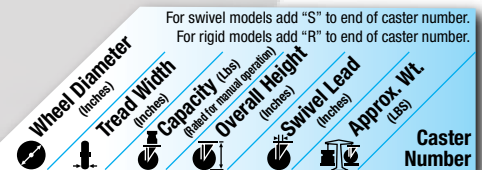
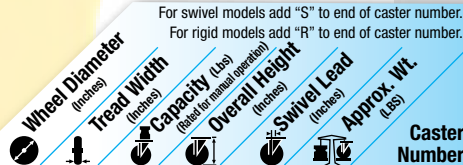
Single Side specify **SSB61**. **Double Sided** specify **DSB61**



Swivel Lock (welded) specify **L**



Hand operated field installable swivel lock specify **SL610000**



Moldon Rubber on Cast Iron (01/07 Straight Roller)*

4	2	300	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₂	61MR04201
5	2	450	6 ¹ / ₂	1 ¹ / ₂	7 ¹ / ₂	61MR05201
6	2	500	7 ³ / ₈	1 ³ / ₄	9 ¹ / ₂	61MR06201
6	2 1/2	700	7 ³ / ₈	1 ³ / ₄	12	61MR06401
8	2	600	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₄	61MR08201
8	2 1/2	850	9 ¹ / ₂	1 ³ / ₄	14 ¹ / ₂	61MR08407
10	2 1/2	950	11 ¹ / ₂	1 ³ / ₄	18 ¹ / ₄	61MR10407

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" or "07" to bearing code. Oilex example: 61MR04223

Heavy Duty Moldon Rubber on Cast Iron (01/07 Straight Roller)* NEW MODEL!

5	2	700	6 ¹ / ₂	1 ¹ / ₂	7 ¹ / ₂	61MH05201
6	2	820	7 ³ / ₈	1 ³ / ₄	9 ¹ / ₂	61MH06201
8	2	1000	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₄	61MH08201
8	2 1/2	1300	9 ¹ / ₂	1 ³ / ₄	14 ¹ / ₂	61MH08407
10	2 1/2	1500	11 ¹ / ₂	1 ³ / ₄	18 ¹ / ₄	61MH10407

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" or "07" to bearing code. Oilex example: 61MH04223

Moldon Rubber on Aluminum (01 Roller Bearing)*

4	2	400	5 ⁵ / ₈	1 ⁵ / ₁₆	61MD04201
5	2	500	6 ¹ / ₂	1 ¹ / ₂	61MD05201
6	2	550	7 ³ / ₈	1 ³ / ₄	61MD06201
8	2	600	9 ¹ / ₂	1 ³ / ₄	61MD08201

*Oilex (23), Industrial Ball (27), Annular Ball (31), and one piece Delrin (52) available. Change "01" to bearing code. Oilex example: 61MD04223

Continue on next page

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Wheel Diameter (Inches)

Tread Width (Inches)

Capacity (Lbs)
(Based on normal operation)

Overall Height (Inches)

Swivel Lead (Inches)

Approx. Wt. (Lbs)

Caster Number

X-tra Soft Flat Tread (01 Roller Bearing)*

POPULAR MODEL!

4	2	350	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₂	61XS04201
5	2	375	6 ¹ / ₂	1 ¹ / ₂	7 ¹ / ₂	61XS05201
6	2	600	7 ³ / ₈	1 ³ / ₄	8 ¹ / ₄	61XS06201
8	2	675	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₄	61XS08201



XS

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Delrin example: 61XS04251

X-tra Soft Round Tread (01 Roller Bearing)*

6	2	450	7 ³ / ₈	1 ³ / ₄	8 ¹ / ₄	61XR06201
8	2	600	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₄	61XR08201



XR

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Precision Ball (28) and Delrin (51) Bearings available.

Change "01" to other bearing code.

Delrin example: 61XR06251

High Modulus Rubber on Aluminum (28 Precision Ball Bearing)

NEW MODEL!

5	2	300	6 ¹ / ₂	1 ¹ / ₂	8	61RM05228
6	2	350	7 ³ / ₈	1 ³ / ₄	8	61RM06228
8	2	400	9 ¹ / ₂	1 ³ / ₄	8 ¹ / ₄	61RM08228



RM

Pneumatic (27 Radial Ball Bearing)

6	2	200	7 ³ / ₈	1 ³ / ₄		61SF06227
8	2	210	9 ¹ / ₂	1 ³ / ₄	7 ¹ / ₄	61SF08227



SF

Polyurethane on Aluminum Crown Tread (01 Roller Bearing) POPULAR MODEL!

4	2	700	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₂	61PD04201
5	2	1200	6 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	61PD05201
6	2	1230	7 ³ / ₈	1 ³ / ₄	7 ¹ / ₄	61PD06201
8	2	1500	9 ¹ / ₂	1 ³ / ₄	8 ¹ / ₂	61PD08201



PD

Polyurethane on Cast Iron (01, 07 Roller Bearing)*

NEW SIZES!

4	2	700	5 ⁵ / ₈	1 ⁵ / ₁₆	8 ¹ / ₄	61PI04201
5	2	1000	6 ¹ / ₂	1 ¹ / ₂	8 ³ / ₄	61PI05201
6	2	1200	7 ³ / ₈	1 ³ / ₄	11	61PI06201
6	2 ¹ / ₂	1200	7 ³ / ₈	1 ³ / ₄	11	61PI06401
8	2	1500	9 ¹ / ₂	1 ³ / ₄	14	61PI08201
8	2 ¹ / ₂	1500	9 ¹ / ₂	1 ³ / ₄	14	61PI08401



PI

*Drawn Cup Roller (02), Oillex (23), Industrial Ball (27), Pedestal Precision Ball (29), Annular Ball (31), two piece Delrin (51), and one piece Delrin (52) available. Change "01" to bearing code.

Drawn Cup Roller example: 61PI04202

Polyurethane on Aluminum Round Tread (28 Precision Ball Bearing)

5	2	1000	6 ¹ / ₂	1 ¹ / ₂	8 ¹ / ₄	61PM05228
6	2	1250	7 ³ / ₈	1 ³ / ₄	8 ¹ / ₄	61PM06228
8	2	1500	9 ¹ / ₂	1 ³ / ₄	8 ¹ / ₂	61PM08228



PM

Polyurethane on Cast Iron (07 Roller Bearing)

6	2 ¹ / ₂	1500	7 ³ / ₈	1 ³ / ₄	13	61PY06407
8	2 ¹ / ₂	1500	9 ¹ / ₂	1 ³ / ₄	16	61PY08407
10	2 ¹ / ₂	1500	11 ¹ / ₂	1 ³ / ₄	17	61PY10407



PY

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

Polyurethane on Polypropylene (01 Roller Bearing)*

POPULAR MODEL!

4	2	600	5 ⁵ / ₈	1 ⁵ / ₁₆		61XA04201
5	2	750	6 ¹ / ₂	1 ¹ / ₂	7 ¹ / ₂	61XA05201
6	2	900	7 ³ / ₈	1 ³ / ₄	8 ¹ / ₄	61XA06201
8	2	1000	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₂	61XA08201



XA

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Delrin (51) available. Change "01" to "51".

Delrin example: 61XA04252

X-Treme™ Solid Polyurethane (01 Roller Bearing)*

4	2	1000	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₄	61XI04201
5	2	1000	6 ¹ / ₂	1 ¹ / ₂	5 ¹ / ₂	61XI05201
6	2	1000	7 ³ / ₈	1 ³ / ₄	7 ³ / ₄	61XI06201
8	2	1000	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₂	61XI08201



XI

*Drawn Cup Roller (02), Bronze (22), Precision Ball (28), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code.

Pedestal Precision example: 61XI04229.

X-Treme™ Plus Solid Polyurethane (01 Roller Bearing)*

4	2	1400	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₄	61XP04201
5	2	1200	6 ¹ / ₂	1 ¹ / ₂	6 ³ / ₄	61XP05201
6	2	1400	7 ³ / ₈	1 ³ / ₄	7 ³ / ₄	61XP06201
8	2	1200	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₂	61XP08201



XP

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Precision Ball (28), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code.

Pedestal Precision example: 61XP04229.

Phenolic (01, 07 Roller Bearing)

4	2	800	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₄	61TM04201
5	2	1000	6 ¹ / ₂	1 ¹ / ₂	6 ³ / ₄	61TM05201
6	2	1200	7 ³ / ₈	1 ³ / ₄	7 ³ / ₄	61TM06201
6	2 ¹ / ₂	1500	7 ³ / ₈	1 ³ / ₄	9	61TM06407
8	2	1400	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₂	61TM08201
8	2 ¹ / ₂	1500	9 ¹ / ₂	1 ³ / ₄	11 ¹ / ₄	61TM08407
10	2 ¹ / ₂	1500	11 ¹ / ₂	1 ³ / ₄	13	61TM10407



TM

Maxim® (01 Roller Bearing)*

4	2	800	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₄	61NG04201
5	2	1000	6 ¹ / ₂	1 ¹ / ₂	6 ³ / ₄	61NG05201
6	2	1200	7 ³ / ₈	1 ³ / ₄	7 ³ / ₄	61NG06201
8	2	1400	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₄	61NG08201
10	2 ¹ / ₂	1500	9 ¹ / ₂	1 ³ / ₄		61NG10407



NG

Prevenz™ antimicrobial models available.

Add PREV to end of caster number.

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 61NG04229.

Maxim® NR Noise Reduction (07 Roller Bearing)*

NEW MODEL!

4	2	800	5 ⁵ / ₈	1 ⁵ / ₁₆	6 ¹ / ₄	61NR04207
5	2	1000	6 ¹ / ₂	1 ¹ / ₂	6 ³ / ₄	61NR05207
6	2	1200	7 ³ / ₈	1 ³ / ₄	7 ³ / ₄	61NR06207
8	2	1400	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₄	61NR08207
10	2 ¹ / ₂	1500	11 ¹ / ₂	1 ³ / ₄		61NR10407



NR

*Drawn Cup Roller (02), Bronze (22), Pedestal Precision (29), Annular Ball (31) and Delrin (51) bearings available. Change "01" to other bearing code. Pedestal Precision example: 61NR04229.

Trionix™ High Impact Polymer (Precision Ball Bearing)

8	2	1500	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₂	61NY08228
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NY

61 Series Continued

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

For swivel models add "S" to end of caster number.
For rigid models add "R" to end of caster number.

Trionix™ NX High Impact Polymer (28 Precision Ball Bearing) NEW MODEL!

4	2	1500	5 ⁵ / ₈	1 ⁵ / ₁₆	8 ¹ / ₄	61NX04228
5	2	1500	6 ¹ / ₂	1 ¹ / ₂	8 ³ / ₄	61NX05228
6	2	1500	7 ³ / ₈	1 ³ / ₄	11	61NX06228
8	2	1500	9 ¹ / ₂	1 ³ / ₄	9 ¹ / ₂	61NX08228

NX For 2-1/2" tread width models change 7th number from 2 to 4 (Example: 61NX04428).

Drop Forged Steel (01 Roller Bearing)*

4	1 ¹ / ₂	1400	5 ⁵ / ₈	1 ⁵ / ₁₆	8 ¹ / ₄	61FS04101
5	1 ³ / ₄	1500	6 ¹ / ₂	1 ¹ / ₂	10 ¹ / ₄	61FS05201
6	2	1500	7 ³ / ₈	1 ³ / ₄	11 ¹ / ₄	61FS06201

FS *Tapered Roller bearings (09) available. Change "01" to other bearing code. (Example: 61FS04109).

Cast Iron (01, 07 Roller Bearing)

4	2	1000	5 ⁵ / ₈	1 ⁵ / ₁₆	8 ¹ / ₄	61CA04201
5	2	1300	6 ¹ / ₂	1 ¹ / ₂	9 ¹ / ₄	61CA05201
6	2	1400	7 ³ / ₈	1 ³ / ₄	11 ¹ / ₄	61CA06201
6	2 ¹ / ₂	1500	7 ³ / ₈	1 ³ / ₄	13	61CA06407
8	2	1500	9 ³ / ₈	1 ³ / ₄	14 ¹ / ₂	61CA08201
8	2 ¹ / ₂	1500	9 ¹ / ₂	1 ³ / ₄	16	61CA08407

CA

Ductile Iron Crowned Tread (01 Roller Bearing) NEW MODEL!

5	2	1500	6 ¹ / ₂	1 ¹ / ₂	10 ¹ / ₄	61FR05201
6	2	1500	7 ³ / ₈	1 ³ / ₄	11	61FR06201
8	2	1500	9 ¹ / ₂	1 ³ / ₄	14 ¹ / ₂	61FR08201

FR, FM *Straight Roller (01) and Precision Ball (28) available. (Tapered Roller example: 61FR05209).
Note: Ductile Iron Flat Tread (FM) models available. Change FR wheel code to FM. Example: 61FM05201.

Heavy Duty Cast Iron (01 Roller Bearing)

5	2	1500	6 ¹ / ₂	1 ¹ / ₂	10 ¹ / ₄	61CH05201
6	2	1500	7 ³ / ₈	1 ³ / ₄	11	61CH06201
8	2	1500	9 ¹ / ₂	1 ³ / ₄	14 ¹ / ₂	61CH08201

CH

Prevenz™ Antimicrobial Wheels

The EPA registered and FDA compliant antimicrobial additive used in Prevenz™ wheels is designed to suppress the growth of a variety of destructive and odor causing microbes including bacteria, molds, mildew and fungi. These wheels are suitable for a variety of applications including medical equipment, food equipment, pharmaceutical, chemical, meat & poultry, processing plants and more. To order add "PREV" to end of caster number.

XS Prevenz™ XR Prevenz™ XA Prevenz™ NG Prevenz™ XP Prevenz™



CUSTOM FABRICATION

This is not a one-size-fits-all business. In fact, many of our orders require custom fabrication.

If you can't find the right caster for your special application, put the Albion engineering team to work. We will create the perfect solution for your moving problem.