

STEEL - STL

Capacity Up to 20,000 lbs.



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

Dia. (inch)	Width (inch)	Hub Length (inch)	Axle (inch)	Approx. Wt. (lb)	Capacity (lb)	Part Number P = Prec. Brg
4	1-1/2	1-5/8	1/2	7	600	STLP041508
4	2	2-3/8	1/2	10	1000	STLP042008
5	1-1/2	1-5/8	1/2	11	600	STLP051508
5	2	2-3/8	1/2	14	1000	STLP052008
6	1-1/2	1-5/8	1/2	15	600	STLP061508
6	2	2-3/8	1/2	20	1000	STLP062008
8	1-1/2	1-5/8	1/2	27	600	STLP081508
8	2	2-3/8	1/2	36	1000	STLP082008

P = Precision Ball bearing

Larger sizes available upon request.

Features

- Type 1018 steel .
- Magnetic.
- Wheels can be machined straight sided or machined to contour.
- Slightly crowned tread face with rounded corners.
- Furnished with plain bore/steel bushing, stainless steel roller bearing or steel precision bearing .
- Steel wheels can be made to your specifications or drawings.

Steel Wheels provide the highest degree of sanitation. Type 1018 is magnetic. All wheels are available with Sealed Precision Ball Bearings, Bushings or Roller Bearings. Custom sizes made to prints to fit any application.

ACORN™ MAKES END CAPS AND BUSHINGS TO FIT BEARING ID TO AXLE.



Custom Steel Wheels made by Acorn™ can be made in any size to fit any caster rig or wheel application and replace any type wheel.

- V-Groove
- Flanged
- Crown Tread
- Rollers

DROP FORGED STEEL - FS

Capacity Up to 11000 lbs.



Features

- ASTM 1045 high carbon steel is hot drop forged to improve grain structure of the wheel, enhancing ductibility and tensile strength. This is the ultimate extreme duty wheel.
- Offers the maximum weight capacity, impact strength, durability and rollability of all our wheels.
- Tread face is precisely machined for a smooth, central ride, tread edge is machine round.
- Precision & tapered bearings maximize mobility and performance in towing and severe use environments.
- Hardness: Rockwell 80 B.
- Tensile strength of 60,000 PSI.
- Temperature up to +1300°F.

Diameter (inch)	Width (inch)	Hub Length	Capacity (lbs)	Roller Bearings	Tapered Bearings	Part Number
6	2	2-13/16	2500		73	FS62IT*
6	3	3-1/4	8000	27		FS63IT*
6	3	3-1/4	11000		70, 71, 79	FS63IT*
8	2	2-13/16	3000		73	FS82IT*
8	3	3-1/4	8000	27		FS83IT*
8	3	3-1/4	11000		70, 71, 79	FS83IT*
8	4	4-1/4	11000	33		FS84IT*
10	3	3-1/4	8000	27		FS1030IT*
10	3	3-1/4	11000		70, 71, 79	FS1030IT*
12	3	3-1/4	8000	27		FS1230IT*
12	3	3-1/4	11000		70, 71, 79	FS1230IT*
12	4	4-1/4	11000	33		FS1240IT*

Replace* with desired bearing code.

27, 33 Rolling Bearings

70, 71, 72, 79 Tapered Rolling Bearings w/top hat bushings

DUCTILE V-GROOVE - DV

Capacity Up to 7000 lbs.



Features

- Made specifically for use on inverted angle iron track; they can also be used on flat surfaces.
- Each wheel has a precisely machined 90° V-groove with relief groove which enables load equalization.
- Ductile steel is a combination of special alloys that give it higher weight capacities than cast iron, and is more economical than drop forged steel; also referred to malleable iron; material may flex rather than cracking or breaking when submitted to an extreme shock load.
- Extra thick walled, heavy-duty core, hub & tread face.
- Precision & tapered bearings maximize mobility and performance in towing and severe use environments.
- Tensile strength of 45,000 PSI.
- Temperature -45°F up to +800°F.

Diameter (inch)	Width (inch)	Hub Length	Capacity (lbs)	Precision Ball Bearing*	Part Number
6	2	2-3/16	1500	63	DV60JT63
6	3	3-1/4	5000	65	DV60LT65
6	3	3-1/4	5000	65	DV60LW65
8	3	3-1/4	5000	65	DV80LT65
8	3	3-1/4	5000	65	DV80LW65
10	3	3-1/4	7000	65	DV10LT65
10	3	3-1/4	7000	65	DV10LW65

SOLID STEEL V-GROOVE - SV

Capacity Up to 5000 lbs.



Features

- Solid ASTM 1045 steel, straight sided construction offers the maximum weight capacity and durability of any V-groove type wheel on the market.
- Sealed precision ball bearings offer the best possible mobility and do not require any maintenance.
- Wheels are zinc plated to resist rust.
- Offers long service life; even in ongoing usage applications.
- Popular applications include use in casters and on sliding gates.
- Can be purchased as kits for gate use; includes bushings & axles.

Diameter (inch)	Width (inch)	Hub Length	Capacity (lbs)	Precision Bearing w/Bushing 1/2 ID	Precision Bearing w/Bushing 5/8 ID*	Part Number
4	2	1-13/16	3000	14	19	SV40IT14*
6	2	1-13/16	5000	14	19	SV60IT14*