

FORGED STEEL - FS

Capacity Up to 20,000 lbs.



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:** Flat with rounded edges.
- **Finish:** Clear coat enamel.
- **Temperature Range:** Up to 800°F.
- **Hardness:** Rockwell 80 B.

Wheel Options

- **Note:** Select bearings featured are recommended for standard applications. For special applications or alternate bearings, consult Acorn™.
- For customization & special application options, please consult Acorn™.

FORGED STEEL/ LARGE BORE - FH

Capacity Up to 20,000 lbs.

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number*
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	3	6000	3-1/4	2-7/16	1-1/4	20-1/4	FS0630120
6	3	6000	3-1/4	2-7/16	1-1/2	20-1/4	FS0630124
6	3	10,000	3-1/4	2-7/16	1	19-3/4	FS0630916
6	3	10,000	3-1/4	2-7/16	1-1/8	19-3/4	FS0630918
6	3	10,000	3-1/4	2-7/16	1-1/4	19-3/4	FS0630920
8	3	4500	3-1/4	1-15/16	1	18-1/4	FS0830116
8	3	4500	3-1/4	1-15/16	1-1/4	18-1/4	FS0830120
8	3	5500	3-1/2	1-15/16	3/4	18-1/4	FS0830912
8	3	5500	3-1/2	2-1/4	1	18-1/4	FS0830916
8	4	8350	4-1/4	2-7/16	1-1/4	35-1/2	FS0840120
8	4	8350	4-1/4	2-7/16	1-1/2	35-1/2	FS0840124
8	4	10,000	4-1/2	2-7/16	1	36-1/2	FS0840916
8	4	10,000	4-1/2	2-7/16	1-1/8	36-1/2	FS0840918
8	4	10,000	4-1/2	2-7/16	1-1/4	36-1/2	FS0840920
10	3	5000	3-1/4	1-15/16	1	27-3/4	FS1030116
10	3	5000	3-1/4	1-15/16	1-1/4	27-3/4	FS1030120
10	3	6000	3-1/2	1-15/16	3/4	27-1/2	FS1030912
10	4	8350	4-1/4	2-7/16	1-1/4	48	FS1040120
10	4	8350	4-1/4	2-7/16	1-1/2	48	FS1040124
10	4	10,000	4-1/2	2-7/16	1	47-1/4	FS1040916
10	4	10,000	4-1/2	2-7/16	1-1/8	47-1/4	FS1040918
10	4	10,000	4-1/2	2-7/16	1-1/4	47-1/4	FS1040920

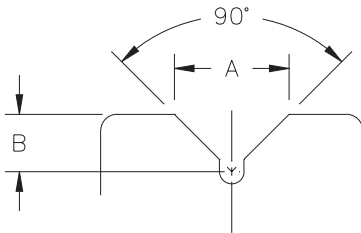
*R = Roller Bearing, P = Precision Ball Bearing, T = Tapered Roller Bearing

Dia. (inch)	Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore (inch)	Bearing (inch)	Wt. (lbs)	Part Number*
6	3	17000	3-1/2	2-7/16	1-1/4	22-1/4	FH0650920
6	3	17000	3-1/2	2-7/16	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	FH0850920
8	4	20000	4-1/2	3-1/8	1-1/2	34	FH0850924
10	3	6000	3-1/4	2-7/16	1-1/4	37-1/4	FH01050120
10	3	6000	3-1/4	2-7/16	1-1/2	37-1/4	FH01050124
10	3	6500	3-1/2	2-7/16	1	37	FH01050916
10	3	6500	3-1/2	2.33	1-1/4	37	FH01050920
10	4	20000	4-1/2	3-1/8	1-1/4	46-1/4	FH01070920
10	4	20000	4-1/2	3-1/8	1-1/2	46-1/4	FH01070924

FORGED STEEL/V-GROOVE

FORGED STEEL/ V-GROOVE - VF/VH

Capacity Up to 20,000 lbs.



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 customization & special application options, consult Acorn™.

Wheel Dia. (inch)	Tread Width (inch)	Capacity (lbs)	Hub Length (inch)	Bore ID (inch)	Bearing ID (inch)	Groove Width “A”	Groove Depth “B”	Approx. Weight (lbs)	Part Number*
6	3	6000	3-1/4	2-7/16	1-1/4	1-3/8	11/16	20-1/4	VF0630120
6	3	6000	3-1/4	2-7/16	1-1/2	1-3/8	11/16	20-1/4	VF0630124
6	3	6500	3-1/2	2-7/16	1 1-3/8		11/16	19-3/4	VF0630916
6	3	6500	3-1/2	2-7/16	1-1/4	1-3/8	11/16	19-3/4	VF0630920
6	3	10000	3-1/2	3-1/8	1-1/4	1-3/8	11/16	22	VH0630920
6	3	10000	3-1/2	3-1/8	1-1/2	1-3/8	11/16	22	VH0630924
8	3	6000	3-1/4	1-15/16	1	7/8	7/16	30	VF0830116
8	4	8350	4-1/4	2-7/16	1-1/4	1-3/4	7/8	21-3/4	VF0840120
8	4	8350	4-1/4	2-7/16	1-1/2	1-3/4	7/8	21-3/4	VF0840124
8	4	10000	4-1/2	2-7/16	1	1-3/4	7/8	21	VF0840916
8	4	10000	4-1/2	2-7/16	1-1/4	1-3/4	7/8	21	VF0840920
8	4	15000	4-1/2	3-1/8	1-1/4	1-3/4	7/8	27-1/2	VH0840920
8	4	15000	4-1/2	3-1/8	1-1/2	1-3/4	7/8	27-1/2	VH0840924
10	3	6000	3-1/4	2-7/16	1-1/4	1-3/8	11/16	37-1/2	VH1030120
10	3	6000	3-1/4	2-7/16	1-1/2	1-3/8	11/16	37-1/2	VH1030124
10	3	6000	3-1/2	2-7/16	1	1-3/8	11/16	37	VH1030916
10	3	6000	3-1/2	2-7/16	1-1/4	1-3/8	11/16	37	VH1030920
10	3	5000	3-1/4	1-15/16	1	1-3/8	11/16	27-3/4	VF1030116
10	3	5000	3-1/4	1-15/16	1-1/4	1-3/8	11/16	27-3/4	VF1030120
10	4	8350	4-1/4	2-7/16	1-1/4	1-3/4	7/8	48	VH1040120
10	4	8350	4-1/4	2-7/16	1-1/2	1-3/4	7/8	48	VH1040124
10	4	10000	4-1/2	2-7/16	1	1-3/4	7/8	47-1/4	VH1040916
10	4	10000	4-1/2	2-7/16	1-1/4	1-3/4	7/8	47-1/4	VH1040920
10	4	15000	4-1/2	3-1/8	1-1/4	1-3/4	7/8	46-1/4	VH1040920
10	4	15000	4-1/2	3-1/8	1-1/2	1-3/4	7/8	46-1/4	VH1040924

* R = Roller Bearing, P = Precision Ball Bearing, T = Tapered Roller Bearing