

Running V-Grooved Wheels on inverted angle iron track is a popular and low-cost method of taking loads off the floor and creating production-line flow. A relief groove in the "V" assures proper weight distribution and makes wheel and track "self-cleaning"; while a partial flat-tread permits rolling the wheels directly on floors as well.

All cast iron and forged steel (♣) models are offered with plain bore or straight roller bearings while some models also offer precision tapered roller bearings for optimum capacity and performance.

However, proper adjustment of tapered bearings precludes side-to-side wheel play. To avoid the necessity for perfectly parallel tracks, directional control can be achieved by using a single track on one side only, and running flat-tread wheels of matching height on the opposite side.

Stainless Steel and *Plastex* V-Grooved Wheels are also available and listed in the charts below.

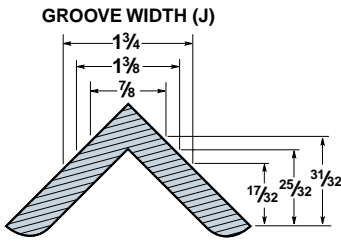
OPTIONAL ACCESSORIES

– see pages 11, 18 & 77.

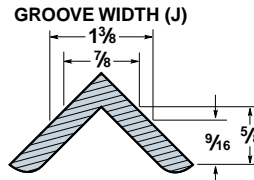
- Wheel Bearing Seals.
- Keyways – and/or set screw(s).
- Special Hub Length – hubs can be cut to provide shorter length, "filler" washers furnished to increase length.
- Spanner Bushings – select from pg. 77.
- Precision Ball Bearings – double-sealed or shielded – see pg. 11.



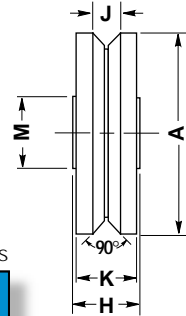
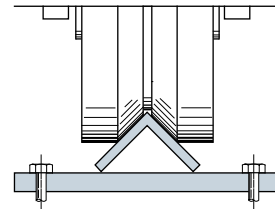
#W-6-V-3/4



2" x 2" ANGLE IRON



1 1/2" x 1 1/2" ANGLE IRON



Dimensions in Inches

★ = available **PRONTO®** with bearing size in red.

Dia. A	Face K	Hub Length H	Hub Dia. M	Groove Width J	Load Cap. Lbs.	Less Bearings		Straight Roller Bearings		Tapered Roller Bearings		Wt. Lbs.
						Catalog Number	Bore Sizes	Catalog Number	Bearing Sizes	Catalog Number	Bearing Sizes	
4	1 1/2	1 3/4	1 1/8	7/8	600	★W-4-VL-1 3/8	1 3/8	★W-4-V-	1/2-5/8-3/4	X	X	3 1/2
	2	2 3/8	1 1/8	7/8	800	★W-420-VL-1 3/8	1 3/8	★W-420-V-	1/2-5/8-3/4	X	X	4
5	2	2 3/8	1 3/4	7/8	800	★W-520-VL-1 3/8	1 3/8	★W-520-V-	1/2-5/8-3/4	X	X	5 1/2
	2	2 1/4	1 7/8	7/8	1000	★W-6-VL-	1 3/8 - 1 7/8	★W-6-V-	1/2-5/8-3/4-1	X	X	7
6	2 3/4	3 3/4	3 3/4	7/8	2500	★W-626-VL-	1 1/8 - 2 7/8	★W-626-V-	1-1 1/4	W-626-VT-	3/4-1-1 1/4	15
	3♣	3 3/4	3 3/8	1 3/8	4500♣	★W-630-FVL-	1 1/8 - 2 7/8	★W-630-FVH-	1-1 1/4-1 1/2	★W-630-FVT-	3/4-1-1 1/4	18
8	2 3/4	3 3/4	2 5/8	1 3/8	2500	★W-8-VL-1 1/8	1 1/8	★W-8-V-	1-1 1/4	W-8-VT-	3/4-1	16 1/2
	3♣	3 3/4	3	7/8	3100♣	★W-830-FVL-	2 3/8 - 2 7/8	★W-830-FVH-	1-1 1/4-1 1/2	W-830-FVT-	3/4-1-1 1/4	20
	4♣	4 1/4	3 3/8	1 3/4	6500♣	★W-840-FVL-2 7/8	2 7/8	★W-840-FVH-	1 1/4-1 1/2	★W-840-FVT-	1 1/4-1 1/2	31
10	3	3 3/4	3 1/2	1 3/8	3000	★W-10-VL-	1 1/8 - 2 3/8	★W-10-V-	1-1 1/4-1 1/2	W-10-VT-	3/4-1-1 1/4	38
	3♣	3 3/4	3	7/8	3600♣	★W-1030-FVL-	2 3/8 - 2 7/8	★W-1030-FVH-	1-1 1/4-1 1/2	W-1030-FVT-	3/4-1-1 1/4	28
	4♣	4 1/4	3 3/8	1 3/4	7500♣	★W-1040-FVL-2 7/8	2 7/8	★W-1040-FVH-	1 1/4-1 1/2	★W-1040-FVT-	1 1/4-1 1/2	39

♣ Drop-forged steel. Tapered bearings increase capacity to 10,000 lbs. for 6" x 3", 4,000 lbs. for 8" x 3", 15,000 lbs. for 8" x 4", 4,500 lbs. for 10" x 3", and 16,000 lbs. for 10" x 4".

PLASTEX V-GROOVED WHEELS

4	1 1/2	1 5/8	2	7/8	380	★W-415-PVL-1 3/8	1 3/8	★W-415-PV-3/4	3/4	X	X	3/4
	2	2 3/8	2 1/8	7/8	750	★W-620-PVL-1 3/8	1 3/8	★W-620-PV-3/4	3/4	X	X	2 1/4
6	2 1/2	3 3/4	2 3/4	1 1/4	1120	★W-625-PVL-1 1/8	1 1/8	★W-625-PV-1	1	X	X	4
	8	2 1/2	3 3/4	3 1/2	1 1/4	1250	★W-825-PVL-1 1/8	1 1/8	★W-825-PV-1	1	X	X

STAINLESS STEEL V-GROOVED WHEELS

Dia. A	Face K	Hub Dia. M	Groove Width J	Plain Bore				Delrin Bearings				Precision Stainless Steel Ball Bearings				
				Catalog Number	Bore Size	Hub Length H	Load Cap. Lbs.	Catalog Number	Brg. Size	Hub Length H	Load Cap. Lbs.	Catalog Number	Brg. Size	Hub Length H*	Load Cap. Lbs.	Wt. Lbs.
4	1 3/8	1 1/2	5/8	★W-413-SV-1/2	1/2	1 3/8	550	★W-413-SVZ-1/2	1/2	1 3/8	600	★W-413-SVB-1/2	1/2	1 3/8	600	5
	2	2	7/8	★W-420-SV-3/4	3/4	2 1/4	800	★W-420-SVZ-3/4	3/4	2 1/4	850	★W-420-SVB-1/2	1/2	2 1/2	850	7
5	2	2	7/8	★W-520-SV-3/4	3/4	2 1/4	900	★W-520-SVZ-3/4	3/4	2 1/4	950	★W-520-SVB-1/2	1/2	2 1/2	950	10
6	2	2	7/8	★W-620-SV-3/4	3/4	2 1/4	950	★W-620-SVZ-3/4	3/4	2 1/4	1000	★W-620-SVB-1/2	1/2	2 1/2	1200	15
8	2	2	7/8	★W-820-SV-3/4	3/4	2 1/4	1100	★W-820-SVZ-3/4	3/4	2 1/4	1000	★W-820-SVB-1/2	1/2	2 1/2	1500	27

* Hub length includes flange dimension of top hat bushings.