



FEATURES

V-groove caster swivel sections are hot forged from C-1045 steel. The wheels are highly adaptable and can operate on angle iron track or on normal floor surfaces. A relief groove at the base of the "V" equalizes the load to each face of the angle track. In addition, all wheel faces and "V" grooves are machined concentric to the bore for proper tracking. The wheel bearings are either straight roller bearings or precision tapered roller bearings.

APPLICATIONS

V-groove wheels are used for exceptionally heavy loads where precise alignment or indexing of equipment is necessary. These casters are capable of guiding industrial ovens, paint booths and other similar equipment.



80-10309-26-2 shown

WHEEL		CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller Bearing	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Wt.
4	2.00	Cast Iron	1,000		5.63	1.50	50-04201-15-1		50	7.0
4	2.00	Cast Iron	1,000		5.63	1.50	60-04201-15-1		60	10.0
6	2.50	Cast Iron	2,000	2,000	7.50	2.50	65-06251-15-1	65-06259-15-1	65	23.0
6	2.50	Cast Iron	2,500	2,500	8.00	2.50	70-06251-15-1	70-06259-15-1	70	27.0
6	3.00	Forged Steel	5,000	5,000	8.50	2.50	80-06301-25-1	80-06309-25-1	80	45.0
6	3.00	Forged Steel	6,000	10,000	8.50	2.50	85-06301-25-1	85-06309-25-1	85	45.0
6	3.00	Forged Steel	6,000	10,000	9.00	2.25	90-06301-25-1	90-06309-25-1	90	60.0
6	3.00	Forged Steel		15,000	9.00	2.25		95-06309-26-1	95	50.0
8	2.50	Cast Iron	2,500	2,500	10.50	2.50	70-08251-15-1	70-08259-15-1	70	35.0
8	3.00	Cast Iron	2,000	2,000	10.13	2.50	65-08301-15-1	65-08309-15-1	65	36.0
8	3.00	Cast Iron	3,500	3,500	10.50	2.50	70-08301-15-1	70-08309-15-1	70	40.0
8	3.00	Forged Steel	3,500	3,500	10.50	2.50	70-08301-25-1	70-08309-25-1	70	33.0
8	3.00	Forged Steel	5,000	5,000	10.50	2.50	80-08301-25-1	80-08309-25-1	80	45.0
8	4.00	Forged Steel	5,000	5,000	10.50	2.50	80-08401-25-1	80-08409-25-1	80	55.0
8	4.00	Forged Steel	8,000	8,000	11.00	2.25	90-08401-25-1	90-08409-25-1	90	73.0
8	4.00	Forged Steel	8,400	10,000	10.50	2.50	85-08401-25-1	85-08409-25-1	85	55.0
8	4.00	Forged Steel	8,400	10,000	11.00	2.25	95-08401-25-1	95-08409-25-1	95	73.0
8	4.00	Forged Steel		15,000	11.00	2.25		95-08409-26-1	95	73.0
10	3.00	Cast Iron	3,500	3,500	12.50	2.50	70-10301-15-1	70-10309-15-1	70	45.0
10	3.00	Cast Iron	4,000	4,000	12.50	2.50	80-10301-16-1	80-10309-16-1	80	55.0
10	3.00	Cast Iron	4,000	4,000	13.00	2.50	90-10301-16-1	90-10309-16-1	90	65.0
10	3.00	Forged Steel	5,000	5,000	12.50	2.50	80-10301-26-1	80-10309-26-1	80	55.0
10	3.00	Forged Steel	6,000	6,000	12.50	2.50	85-10301-26-1	85-10309-26-1	85	53.0
10	3.00	Forged Steel	8,000	8,400	13.00	2.50	90-10301-26-1	90-10309-26-1	90	68.0
10	4.00	Forged Steel	5,000	5,000	12.50	2.50	80-10401-25-1	80-10409-25-1	80	74.0
10	4.00	Forged Steel	8,400	10,000	12.50	2.50	85-10401-25-1	85-10409-25-1	85	74.0
10	4.00	Forged Steel	8,000	8,000	13.00	2.50	90-10401-25-1	90-10409-25-1	90	89.0
10	4.00	Forged Steel	8,400	10,000	13.00	2.50	95-10401-25-1	95-10409-25-1	95	89.0
10	4.00	Forged Steel		15,000	13.00	2.50		95-10409-26-1	95	89.0
12	4.00	Ductile Iron	8,400	10,000	15.50	2.50	91-12401-16-1	91-12409-16-1	91	141.0
12	5.00	Ductile Iron	9,500	10,000	15.50	2.50	91-12501-16-1	91-12509-16-1	91	157.0

Capacity listed is for manual operation. For powered operations, consult factory.
 Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 95-10409-26-1-2)
 Estimated weight is for swivel caster. Deduct 20 percent for rigid casters.
 For specific V-groove dimensions, see page 52.
 All dimensions are in inches. All weights are in pounds.

CASTER CONCEPTS WILL MODIFY ANY CASTER TO MEET CUSTOMER SPECIFICATIONS

Caster Concepts, Inc., 16000 E. Michigan Ave., Albion, MI 49224 (517) 629-8838 Facsimile (800) 800-0036 www.casterconcepts.com

V-GROOVE CASTERS 15,000 lbs maximum capacity FLANGED WHEEL CASTERS 10,000 lbs maximum capacity