



CASTER CONCEPTS

90

SERIES EXTRA HEAVY DUTY
CASTERS 8,000 ^{maximum capacity} LBS
FOR SEVERE DUTY

FEATURES

Swivel Section: Constructed of hot forged C-1045 steel with a 7" diameter machined load raceway featuring 5/8" diameter ball bearings with 1-1/4" tapered thrust bearing.

Kingpin: 1-1/4" integrally forged kingpin with slotted adjusting nut

Legs: 1/2" x 4" legs formed and continuously welded both inside and outside for greater strength

Axle: 1-1/4", Grade 5

Lubrication: Pre-lubricated before shipping

Wheels: 6" to 18" diameter wheels

Finish: Water based acrylic black paint



90-08409-20-1 shown

BENEFITS

The 90 Series bearing raceways are precision machined and then through hardened to eliminate brinelling of the surface when the caster is subjected to shock loads. A 1-1/4" tapered thrust bearing completes the precision fit of the raceway. This caster provides high load capacity at a good value.

APPLICATIONS

The 90 Series are used for power drawn equipment, stamping racks, trash gondolas, material delivery trailers, and towed trailers. These casters are also widely used on aircraft ground support equipment, in automotive plants and within steel mills.



90 Series casters used in warehousing

OPTIONS

Brakes

- Poly Cam: PCB-90*
- Heavy Duty Tread: HDTLB-90
- Wrap Around: WAB-90*
- Face Contact: FCB-90

Swivel Locks

- Factory Installed: SL-90
- Heavy Duty: HDSL-90
- Demountable: DSL-90

Sealed Swivel: SS-90

Sealed Wheel: WS

Toe Guard: TG-90

* For wheels with diameters ≥ 6 inches

CONTACT

For additional information on these casters, please contact your nearest representative:

BEYOND STANDARD






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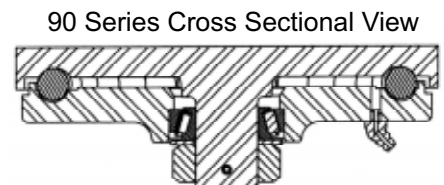
90 SERIES EXTRA HEAVY DUTY CASTERS 8,000 maximum capacity LBS FOR SEVERE DUTY

WHEEL		CAPACITY				PART NUMBER				
Dia.	Width	Material	Roller Bearing	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Wt.	
6	3.0	Forged Steel	5,500	8,000	9.0	2.25	90-06301-20-1	90-06309-20-1	60	
6	3.0	H.D. Forged Steel		8,000	9.0	2.25		90-06309-21-1	60	
6	3.0	Polyurethane		2,500	9.0	2.25		90-06309-60-1	50	
6	4.0	H.D. Polyurethane	3,000	3,000	9.0	2.25	90-06401-65-1	90-06409-65-1	50	
8	3.0	Polyurethane		2,500	11.0	2.25		90-08309-60-1	50	
8	3.0	H.D. Cast Iron	4,500	4,500	11.0	2.25	90-08301-11-1	90-08309-11-1	65	
8	4.0	Forged Steel	8,000	8,000	11.0	2.25	90-08401-20-1	90-08409-20-1	73	
8	4.0	H.D. Forged Steel		8,000	11.0	2.25		90-08409-21-1	73	
8	4.0	Polyurethane	3,800	3,800	11.0	2.25	90-08401-60-1	90-08409-60-1	63	
10	3.0	H.D. Forged Steel	6,000	6,500	13.0	2.50	90-10301-21-1	90-10309-21-1	62	
10	3.0	Cast Iron	4,000	4,000	13.0	2.50	90-10301-11-1	90-10309-11-1	61	
10	3.0	H.D. Polyurethane		3,700	13.0	2.50		90-10309-65-1	51	
10	4.0	Forged Steel	8,000	8,000	13.0	2.50	90-10401-20-1	90-10409-20-1	83	
10	4.0	H.D. Forged Steel		8,000	13.0	2.50		90-10409-21-1	83	
10	4.0	Polyurethane	4,200	4,200	13.0	2.50	90-10401-60-1	90-10409-60-1	59	
10	4.0	H.D. Polyurethane	5,000	5,000	13.0	2.50	90-10401-65-1	90-10409-65-1	68	
10	4.0	Mold on Rubber	1,500	1,500	13.0	2.50	90-10401-70-1	90-10409-70-1	66	
10	5.0	H.D. Polyurethane	6,000	6,000	13.0	2.50	90-10501-65-1	90-10509-65-1	68	
10	5.0	70D Hard Polyurethane	7,200	7,200	13.0	2.50	90-10501-67-1	90-10509-67-1	68	
12	3.0	H.D. Polyurethane	3,850	3,850	15.5	2.50	90-12301-65-1	90-12309-65-1	57	
12	3.5	Phenolic Resin	4,000	4,000	15.5	2.50	90-12351-30-1	90-12359-30-1	60	
12	3.5	Mold on Rubber	1,350	1,350	15.5	2.50	90-12351-70-1	90-12359-70-1	63	
12	4.0	H.D. Polyurethane	5,500	5,500	15.5	2.50	90-12401-65-1	90-12409-65-1	75	
12	4.0	H.D. Phenolic	8,000	8,000	15.5	2.50	90-12401-31-1	90-12409-31-1	68	
12	4.0	T/R Compound	3,800	3,800	15.5	2.50	90-12401-66-1	90-12409-66-1	75	
12	4.0	70D Hard Polyurethane	6,600	6,600	15.5	2.50	90-12401-67-1	90-12409-67-1	75	
12	4.0	Mold on Rubber	1,600	1,600	15.5	2.50	90-12401-70-1	90-12409-70-1	71	
12	4.0	Ductile Iron	7,500	7,500	15.5	2.50	90-12401-12-1	90-12409-12-1	90	
12	5.0	H.D. Polyurethane	6,250	6,250	15.5	2.50	90-12501-65-1	90-12509-65-1	90	
12	5.0	70D Hard Polyurethane	7,500	7,500	15.5	2.50	90-12501-67-1	90-12509-67-1	90	
12	5.0	Mold on Rubber	1,850	1,850	15.5	2.50	90-12501-70-1	90-12509-70-1	88	
12	5.0	Ductile Iron	8,000	8,000	15.5	2.50	90-12501-12-1	90-12509-12-1	120	
16	4.0	Laminated Phenolic	8,000	8,000	19.0	3.00	90-16401-35-1	90-16409-35-1	80	
16	4.0	Cast Iron	7,500	7,500	19.0	3.00	90-16401-10-1	90-16409-10-1	105	
16	4.0	H.D. Polyurethane	6,000	6,000	19.0	3.00	90-16401-65-1	90-16409-65-1	109	
16	4.0	Mold on Rubber	1,450	1,450	19.0	3.00	90-16401-70-1	90-16409-70-1	106	
16	5.0	H.D. Polyurethane	8,000	8,000	19.0	3.00	90-16501-65-1	90-16509-65-1	115	
16	5.0	70D Hard Polyurethane	8,000	8,000	19.0	3.00	90-16501-67-1	90-16509-67-1	115	
18	5.0	H.D. Polyurethane	8,000	8,000	21.0	4.00	90-18501-65-1	90-18509-65-1	115	
18	5.0	70D Hard Polyurethane	8,000	8,000	21.0	4.00	90-18501-67-1	90-18509-67-1	115	

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. 90-16509-67-2)
 Estimated weight is for swivel caster. Deduct 15 pounds for rigid casters.

All dimensions are in inches. All weights are in pounds.

 Top Plate Size	 Bolt Hole Spacing	 Bolt Diameter
Std: 8.5 x 8.5	7.0 x 7.0	0.625



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