



FEATURES

Swivel Section: The hot forged, SAE 1045 steel swivel section features a precision machined 3-1/4" diameter load race with 7/16" ball bearings.

Kingpin: 3/4" integrally forged as part of the top plate with fully machined raceways and slotted adjusting nut

Legs: 1/4" x 2" bar continuously welded inside and outside to the yoke base

Axle: 1/2" diameter axle

Lubrication: Pre-lubricated before shipping

Wheels: 4" to 8" wheels

Finish: Water-based acrylic gray paint

Standard: Notched yoke base for field installation of swivel locks.



60-06201-20-1 with optional four position swivel lock

BENEFITS

The 60 Series hot forged casters are heavier and stronger than cold forged casters. Additionally, the precision machined raceways have longer wearing characteristics. Available with a wide variety of options, these heavy duty casters are excellent for in-plant equipment.

APPLICATIONS

Excellent for parts bins, towline carts, dough troughs, automated vehicles, production racks and fixtures, pan trucks, conveyor systems and other heavy duty applications.

OPTIONS

Brakes

Cam:	CB-60
Poly Cam:	PCB-60*
Tread Lock:	TLB-60
Wrap Around:	WAB-60
Dual Side:	DSB-60

Swivel Locks

Factory Installed:	SL-60
Demountable:	DSL-60

Sealed Swivel: SS-60

Sealed Wheel: WS

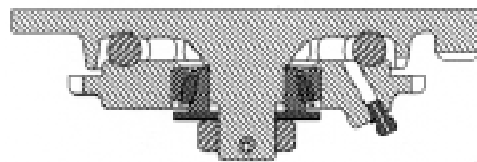
Toe Guard TG-60

Precision Tapered Thrust Bearings (68 Series)

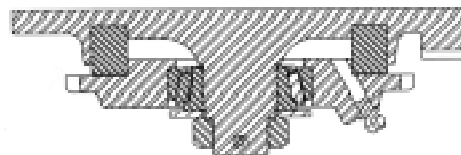
Precision Tapered Load & Trust Bearings (69 Series)

*For wheels with diameter ≥ 6 inches

68 Series Cross Sectional View



69 Series Cross Sectional View





CASTER CONCEPTS

60 SERIES HEAVY DUTY CASTERS

1500 maximum capacity LBS

60 SERIES HEAVY DUTY CASTERS 1500 lbs maximum capacity

WHEEL		CAPACITY				PART NUMBER			
Dia.	Width	Material	Roller Bearing	Precision Ball	OAH	Swivel Lead	Roller Bearing	Precision Ball	Wt.
4	1.5	Forged Steel	1,400	1,400	5.62	1.50	60-04101-20-1	60-04109-20-1€	7.25
4	2.0	Phenolic Resin	800		5.62	1.50	60-04201-30-1		7.50
4	2.0	Cast Iron	1,000		5.62	1.50	60-04201-10-1		7.50
4	2.0	Polyurethane	700	700	5.62	1.50	60-04201-60-1	60-04204-60-1	7.50
4	2.0	Soft Polyurethane	600	600	5.62	1.50	60-04201-66-1	60-04202-66-1	7.50
4	2.0	Envirothane	650	650	5.62	1.50	60-04201-62-1	60-04202-62-1	7.50
4	2.0	Mold on Rubber	350		5.62	1.50	60-04201-70-1		8.20
4	2.0	Softech	250	250	5.62	1.50	60-04201-72-1	60-04204-72-1*	8.00
5	2.0	Forged Steel	1,500	1,500	6.50	1.75	60-05201-20-1	60-05209-20-1€	10.20
5	2.0	Cast Iron	1,200		6.50	1.75	60-05201-10-1		9.20
5	2.0	Phenolic Resin	1,000		6.50	1.75	60-05201-30-1		8.50
5	2.0	Polyurethane	1,050	1,050	6.50	1.75	60-05201-60-1	60-05204-60-1	10.00
5	2.0	T/R Compound	850	850	6.50	1.75	60-05201-61-1	60-05204-61-1	10.00
5	2.0	Envirothane	800	800	6.50	1.75	60-05201-62-1	60-05202-62-1	7.50
5	2.0	Mold on Rubber	400		6.50	1.75	60-05201-70-1		10.00
5	2.0	Softech	275	275	6.50	1.75	60-05201-72-1	60-05204-72-1*	10.00
6	2.0	Forged Steel	1,500	1,500	7.50	2.25	60-06201-20-1	60-06209-20-1€	13.50
6	2.0	Cast Iron	1,200		7.50	2.25	60-06201-10-1		13.00
6	2.0	Phenolic Resin	1,200		7.50	2.25	60-06201-30-1		9.50
6	2.0	Polyurethane	1,200	1,200	7.50	2.25	60-06201-60-1	60-06202-60-1	12.00
6	2.0	T/R Compound	1,000	1,000	7.50	2.25	60-06201-61-1	60-06202-61-1	12.00
6	2.0	Solid Elastomer	950	950	7.50	2.25	60-06201-62-1	60-06202-62-1	12.00
6	2.0	Mold on Rubber	425		7.50	2.25	60-06201-70-1		12.00
6	2.0	Softech	450	450	7.50	2.25	60-06201-72-1	60-06204-72-1*	12.00
8	2.0	Cast Iron	1,500		10.12	2.25	60-08201-10-1		16.50
8	2.0	Phenolic Resin	1,400		10.12	2.25	60-08201-30-1		12.00
8	2.0	Polyurethane	1,500	1,500	10.12	2.25	60-08201-60-1	60-08202-60-1	14.00
8	2.0	T/R Compound	1,200	1,200	10.12	2.25	60-08201-61-1	60-08202-61-1	14.00
8	2.0	Solid Elastomer	1,300	1,300	10.12	2.25	60-08201-62-1	60-08202-62-1	14.00
8	2.0	Mold on Rubber	500		10.12	2.25	60-08201-70-1		14.00
8	4.0	Softech	600	600	10.12	2.25	60-08201-72-1	60-08204-72-1*	14.00

Capacity listed is for manual operation. For powered operations, consult factory.
 Part Numbers listed are for the swivel caster. For rigid casters, change the last digit from 1 to 2 (i.e. 60-06201-60-2)
 Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.




† This caster has tapered roller bearings

* This caster has anular ball bearing

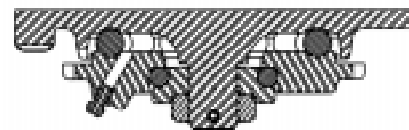
All dimensions are in inches. All weights are in pounds.

For tapered thrust bearings, change the first two digits to 68 (i.e. 68-08202-62-1)

For tapered load and thrust bearings, change the first 2 digits to 69 (i.e. 69-08202-62-1)

 Top Plate Size	 Bolt Hole Spacing	 Bolt Diameter
Std: 4.5 x 6.25	2.438 x 4.938 Slotted to 3.375 x 5.25	0.50

60 Series Cross Sectional View



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



FEATURES

Swivel Section: Hot forged SAE 1045 steel swivel section features a fully machined 3-1/4" diameter raceway which is concentric to the kingpin. The yoke base is notched for field installation of swivel locks.

Kingpin: The 3/4" heavy section kingpin is machined out of stock which was integrally forged into the top plate.

Legs: 3/8" x 2-1/2" legs are formed and continuously welded inside and outside to the yoke base

Axle: 3/4" diameter axle

Lubrication: Pre-lubricated before shipping

Wheels: 4" to 12" diameter wheels have a 1" straight roller bearing. Roller bearing rotates on a hardened and ground 1" steel spanner bushing. Tapered bearings are 3/4" I.D.

Standard: Notched yoke base for field installation of swivel locks

Finish: Clear zinc plating



65-10309-66-1 shown

BENEFITS

The 65 Series hot forged swivel sections are the strongest in the market and will handle more abusive applications than the equivalent cold forged swivel sections. Each swivel top plate and yoke base is machined to a mirror smooth finish for a close tolerance fit for added strength. In addition, the integrally forged, heavy section kingpin provides extra durability and a precision fit and eliminates "kingpin stretch" which is common in riveted or nut and bolt design sections.

APPLICATIONS

Ideal for heavy manually moved loads or for medium duty power drawn equipment, bakery dough troughs, tow line conveyors, heavy duty bakery racks, production dollies, automotive body dollies, gantry cranes, lift truck battery handling equipment, conveyor systems, and automated guided vehicles.

OPTIONS

Brakes

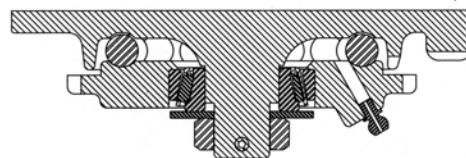
Poly Cam:	P*
Tread Lock:	T
Wrap Around:	W*
Face Contact:	F
Single Side:	SS
Dual Side:	DS

Swivel Locks

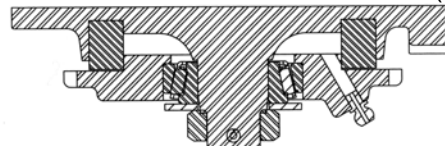
Factory Installed:	L
Demountable:	DL
Sealed Swivel:	SSW
Sealed Wheel:	SW
Heat Treated Raceways	HT
Toe Guard:	TG
Precision tapered thrust (68 Series)	
Precision tapered load and thrust (69 Series)	

* For wheels with diameters ≥ 6 inches

68 Series Cross Sectional View (optional)



69 Series Cross Sectional View (optional)





FEATURES

Swivel Section: Made from hot forged C-1045 steel with 4" diameter load raceway and 1/2" diameter ball bearings.

Kingbolt: 1" diameter, Grade 5 kingbolt is heat treated and features a slotted adjusting nut.

Legs: 3/8" x 3" steel, continuously welded inside and outside to the yoke base

Axle: 3/4" diameter axle

Lubrication: Pre-lubricated before shipping

Wheels: 2-1/2" to 3" wide wheels. Roller bearings rotate on hardened and ground 1" steel spanner bushing.

Standard: Notched yoke base for field installation of swivel locks.

Finish: Clear zinc plating



70-08301-20-1 shown

BENEFITS

The 70 Series is one of the most popular industrial caster designs. The hot forged swivel sections and industrial width wheels are well suited for many in-plant applications. The added strength of the kingbolt provides extended caster service life.

OPTIONS

Brakes

Poly Cam:	P*
Tread Lock:	T
Wrap Around:	W*
Face Contact:	F
Single Side:	SS
Dual Side:	DS

Swivel Locks

Factory Installed:	L
Demountable:	DL

Sealed Swivel: SSW

Sealed Wheels: SW

Toe Guard: TG

Heat Treated Raceways: HT

* For wheels with diameters ≥ 6 inches

APPLICATIONS

Suitable for medium heavy duty power drawn equipment, as well as heavier duty manually handled equipment, including gantry cranes, work platforms, dragline trucks, warehouse trucks, modular home manufacturing, production racks and fixtures, high capacity die tables, machinery dollies, corrugated steel box trucks, heavy portable storage racks, green tire racks, scrap hoppers and other equipment.



Increased customer demand for information on inspection and testing has resulted in significant expansion of our Engineering and Test facilities. Caster Concepts is committed to providing our customers with the highest quality products and services.



CASTER CONCEPTS

70 SERIES HEAVY DUTY CASTERS 3500 maximum capacity LBS

70 SERIES HEAVY DUTY CASTERS 3500 lbs maximum capacity

WHEEL		CAPACITY				PART NUMBER			
Dia.	Width	Material	Roller Bearing	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Wt.
4	3.00	Cast Iron	2,000		6.0	2.00	70-04301-10-1		20.0
4	3.25	Polyurethane	1,200		6.0	2.00	70-04321-60-1		17.0
4	4.00	Cast Iron	3,500		6.0	2.00	70-04401-10-1		27.0
4	4.25	Polyurethane	1,600		6.0	2.00	70-04401-60-1		25.0
4	4.25	70D H.L. Polyurethane	2,000	2,000	6.0	2.00	70-04401-63-1	70-04409-63-1	25.0
5	2.50	Cast Iron	2,000	2,000	7.0	2.50	70-05251-10-1	70-05259-10-1	24.0
5	3.00	Polyurethane	1,550	1,550	7.0	2.50	70-05301-60-1	70-05309-60-1	23.0
6	2.50	Cast Iron	2,500	2,500	8.0	2.50	70-06251-10-1	70-06259-10-1	27.0
6	2.50	Forged Steel	3,500	3,500	8.0	2.50	70-06251-20-1	70-06259-20-1	25.0
6	3.00	Cast Iron	2,500	2,500	8.0	2.50	70-06301-10-1	70-06309-10-1	25.0
6	3.00	Phenolic Resin	2,000	2,000	8.0	2.50	70-06301-30-1	70-06309-30-1	19.0
6	3.00	Polyurethane	2,050	2,050	8.0	2.50	70-06301-60-1	70-06309-60-1	21.0
6	3.00	T/R Compound Poly		1,640	8.0	2.50		70-06302-61-1*	21.0
6	3.00	H.D. Polyurethane	2,450	2,450	8.0	2.50	70-06301-65-1	70-06309-65-1	23.0
6	3.00	T/R Compound Poly	1,640	1,640	8.0	2.50	70-06301-66-1	70-06309-66-1	23.0
6	3.00	Mold on Rubber	675	675	8.0	2.50	70-06301-70-1	70-06309-70-1	24.0
6	4.00	Polyurethane	3,000	3,000	8.0	2.50	70-06401-65-1	70-06409-65-1	34.0
8	3.00	Cast Iron	3,500	3,500	10.5	2.50	70-08301-10-1	70-08309-10-1	34.0
8	3.00	Forged Steel	3,500	3,500	10.5	2.50	70-08301-20-1	70-08309-20-1	34.0
8	3.00	Phenolic Resin	2,500	2,500	10.5	2.50	70-08301-30-1	70-08309-30-1	22.0
8	3.00	Polyurethane	2,500	2,500	10.5	2.50	70-08301-60-1	70-08309-60-1	30.0
8	3.00	T/R Compound Poly		2,000	10.5	2.50		70-08302-61-1*	30.0
8	3.00	H.D. Polyurethane	3,100	3,100	10.5	2.50	70-08301-65-1	70-08309-65-1	34.0
8	3.00	T/R Compound Poly	2,500	2,500	10.5	2.50	70-08301-66-1	70-08309-66-1	34.0
8	3.00	Mold on Rubber	850	850	10.5	2.50	70-08301-70-1	70-08309-70-1	27.0
10	3.00	Cast Iron	3,500	3,500	12.5	2.50	70-10301-10-1	70-10309-10-1	40.0
10	3.00	Forged Steel	3,500	3,500	12.5	2.50	70-10301-20-1	70-10309-20-1	43.0
10	3.00	Phenolic Resin	2,900	2,900	12.5	2.50	70-10301-30-1	70-10309-30-1	25.0
10	3.00	Polyurethane	3,000	3,000	12.5	2.50	70-10301-60-1	70-10309-60-1	35.0
10	3.00	T/R Compound Poly		2,400	12.5	2.50		70-10302-61-1*	35.0
10	3.00	H.D. Polyurethane	3,500	3,500	12.5	2.50	70-10301-65-1	70-10309-65-1	40.0
10	3.00	T/R Compound Poly	2,750	2,750	12.5	2.50	70-10301-66-1	70-10309-66-1	40.0
10	3.00	Mold on Rubber	1,000	1,000	12.5	2.50	70-10301-70-1	70-10309-70-1	30.0
10	4.00	Polyurethane	3,500	3,500	12.5	2.50	70-10401-60-1	70-10409-60-1	45.0
10	4.00	Mold on Rubber	1,400	1,400	12.5	2.50	70-10401-70-1	70-10409-70-1	44.0
12	3.00	Ductile Iron	3,500	3,500	15.5	2.50	70-12301-12-1	70-12309-12-1	55.0
12	3.00	Phenolic Resin	3,500	3,500	15.5	2.50	70-12301-30-1	70-12309-30-1	30.0
12	3.00	Polyurethane	3,500	3,500	15.5	2.50	70-12301-60-1	70-12309-60-1	45.0
12	3.00	Mold on Rubber	1,125	1,125	15.5	2.50	70-12301-70-1	70-12309-70-1	42.0
12	4.00	Mold on Rubber	1,600	1,600	15.5	2.50	70-12401-70-1	70-12409-70-1	56.0

*These casters have precision ball bearings.

Capacity listed is for manual operation. For powered operations, consult factory.

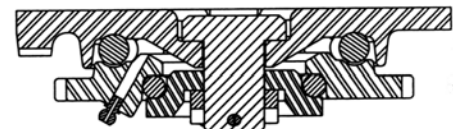
Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 65-10309-70-2)

Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.

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

Top Plate Size	Bolt Hole Spacing	Bolt Diameter
Std: 5.25 x 7.25 x .38	3.375 x 5.25 Slotted to 4.125 x 6.125	0.5

70 Series Cross Sectional View



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FEATURES

Swivel Section: Drop forged from C-1045 steel with 5" diameter, precision machined load raceway. A 1-1/4" tapered thrust bearing completes the precision fit.

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

Legs: 3/8" x 4" formed and continuously welded both inside and outside

Axle: 1", Grade 5 axle

Lubrication: Pre-lubricated before shipping

Wheels: 6" to 12" diameter wheels

Finish: Gold dichromate plating



80-08309-66-1 shown

BENEFITS

The 80 Series has a ball load swivel that delivers high capacity at a good value. The raceways are heat treated to eliminate brinelling of the surface when the casters are subjected to shock loads. The exceptional strength of the 80 Series makes it an ideal choice for rugged applications.

These casters are built around automotive industry standards. Please consult factory.

OPTIONS

Brakes

- Poly Cam: P*
- Heavy Duty Tread: HDT
- Wrap Around: W*
- Face Contact: F

Swivel Locks

- Factory Installed: L
- Heavy Duty: HDL
- Demountable: DL

Sealed Swivel: SSW

Sealed Wheels: SW

Toe Guard: TG

* For wheels with diameters ≥ 6 inches

Lord mounts - shear disc suspension available, consult factory.

APPLICATIONS

Die carts, automotive plants, steel mills, production line delivery trailers, fiberglass lay up molds, stamping racks, aircraft maintenance, aircraft crew stairs, trash gondolas and other aircraft ground support equipment.



Assembly line delivery trailers with 80 Series casters built to automotive specifications.



CASTER CONCEPTS

80 SERIES EXTRA HEAVY DUTY CASTERS 5000 maximum capacity LBS

80 SERIES EXTRA HEAVY DUTY CASTERS 5000 lbs maximum capacity




WHEEL		CAPACITY			PART NUMBER				
Dia.	Width	Material	Roller Bearing	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Wt.
6	2.50	Forged Steel	4,000	5,000	8.50	2.50	80-06251-20-1	80-06259-20-1	38.0
6	3.00	T/R Compound Poly		1,640	8.50	2.50		80-06309-66-1	37.0
6	3.00	H.D. Polyurethane	2,500	2,500	8.50	2.50	80-06301-65-1	80-06309-65-1	40.0
6	3.00	Polyurethane	2,050	2,050	8.50	2.50	80-06301-60-1	80-06309-60-1	37.0
6	3.00	Laminated Phenolic	2,500	2,500	8.50	2.50	80-06301-35-1	80-06309-35-1	30.0
6	3.00	Forged Steel	5,000	5,000	8.50	2.50	80-06301-20-1	80-06309-20-1	45.0
6	3.00	Cast Iron	2,500	2,500	8.50	2.50	80-06301-10-1	80-06309-10-1	36.0
6	4.00	H.D. Polyurethane	3,000	3,000	8.50	2.50	80-06401-65-1	80-06409-65-1	36.0
8	3.00	Mold on Rubber	825	825	10.50	2.50	80-08301-70-1	80-08309-70-1	37.0
8	3.00	T/R Compound Poly	2,500	2,500	10.50	2.50	80-08301-66-1	80-08309-66-1	45.0
8	3.00	Polyurethane	2,500	2,500	10.50	2.50	80-08301-60-1	80-08309-60-1	40.0
8	3.00	H.D. Polyurethane	3,100	3,100	10.50	2.50	80-08301-65-1	80-08309-65-1	45.0
8	3.00	Laminated Phenolic	3,000	3,000	10.50	2.50	80-08301-35-1	80-08309-35-1	32.0
8	3.00	Forged Steel	5,000	5,000	10.50	2.50	80-08301-20-1	80-08309-20-1	44.0
8	3.00	Cast Iron	4,500	4,500	10.50	2.50	80-08301-11-1	80-08309-11-1	40.0
8	4.00	Polyurethane	3,800	3,800	10.50	2.50	80-08401-60-1	80-08409-60-1	48.0
8	4.00	Forged Steel	5,000	5,000	10.50	2.50	80-08401-20-1	80-08409-20-1	48.0
10	3.00	Mold on Rubber	1,000	1,000	12.50	2.50	80-10301-70-1	80-10309-70-1	50.0
10	3.00	T/R Compound Poly	2,800	2,800	12.50	2.50	80-10301-66-1	80-10309-66-1	55.0
10	3.00	Polyurethane	3,000	3,000	12.50	2.50	80-10301-60-1	80-10309-60-1	49.0
10	3.00	H.D. Polyurethane	3,700	3,700	12.50	2.50	80-10301-65-1	80-10309-65-1	55.0
10	3.00	Laminated Phenolic	3,250	3,250	12.50	2.50	80-10301-35-1	80-10309-35-1	36.0
10	3.00	Forged Steel	5,000	5,000	12.50	2.50	80-10301-21-1	80-10309-21-1	54.0
10	3.00	Cast Iron	4,000	4,000	12.50	2.50	80-10301-11-1	80-10309-11-1	50.0
10	4.00	Mold on Rubber	1,500	1,500	12.50	2.50	80-10401-70-1	80-10409-70-1	51.0
10	4.00	Polyurethane	4,200	4,200	12.50	2.50	80-10401-60-1	80-10409-60-1	55.0
10	4.00	H.D. T/R Compound Poly	4,000	4,000	12.50	2.50		80-10409-66-1	60.0
10	4.00	H.D. Polyurethane	5,000	5,000	12.50	2.50	80-10401-65-1	80-10409-65-1	60.0
10	4.00	Forged Steel	5,000	5,000	12.50	2.50	80-10401-20-1	80-10409-20-1	74.0
12	3.00	Mold on Rubber	1,125	1,125	15.50	2.50	80-12301-70-1	80-12309-70-1	55.0
12	3.00	T/R Compound Poly	2,900	2,900	15.50	2.50	80-12301-66-1	80-12309-66-1	57.0
12	3.00	H.D. Polyurethane	3,850	3,850	15.50	2.50	80-12301-65-1	80-12309-65-1	53.0
12	3.00	Polyurethane	3,500	3,500	15.50	2.50	80-12301-60-1	80-12309-60-1	53.0
12	4.00	Mold on Rubber	1,600	1,600	15.50	2.50	80-12401-70-1	80-12409-70-1	58.0
12	4.00	T/R Compound Poly	3,800	3,800	15.50	2.50	80-12401-66-1	80-12409-66-1	70.0
12	4.00	H.D. Polyurethane	5,000	5,000	15.50	2.50	80-12401-65-1	80-12409-65-1	70.0
12	4.00	70D H.L. Polyurethane	5,000	5,000	15.50	2.50	80-12401-67-1	80-12409-67-1	53.0

Capacity listed is for manual operation. For powered operations, consult factory.

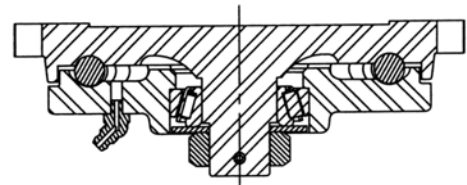
Part Numbers listed are for the swivel casters. For rigid casters, change the last digit from 1 to 2 (i.e. 80-12409-70-2)

Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.

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

 Top Plate Size	 Bolt Hole Spacing	 Bolt Diameter
Std: 6.0 x 7.5	4.5 x 6.0	0.5
OT-CJ: 6.0 x 7.5	4.625 x 5.5	0.5

80 Series Cross Sectional View



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FEATURES

Swivel Section: Constructed from hot forged C-1045 steel, the swivel section features a large precision machined raceway, with a precision tapered load and tapered thrust bearing.

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

Legs: 3/8" x 4" legs are formed and continuously welded both inside and outside

Axle: 1", Grade 5

Lubrication: Pre-lubricated before shipping

Wheels: 6" to 12" diameter wheels with widths from 2-1/2" to 4".

Finish: Gold dichromate plating



85-10409-20-1 shown

BENEFITS

The tapered load bearing and thrust bearing enhance the precision nature of this caster creating a swivel section with the highest load carrying capacity for its class. The 85 Series delivers an exceptionally tight tolerance fit. Additionally, the integrally forged kingpin and slotted adjusting nut add strength and longevity to the life of the swivel section.

OPTIONS

Brakes

Poly Cam:	P*
Heavy Duty Tread:	HDT
Wrap Around:	W*
Face Contact:	F

Swivel Locks

Factory Installed:	L
Heavy Duty:	HDL

Sealed Swivel: SSW

Sealed Wheels: SW

Toe Guard: TG

* For wheels with diameters ≥ 6 inches

Contact the factory for overall heights and special finishes.

APPLICATIONS

This design is used in applications where high load capacities are required and the area for the caster does not lend itself to the bulkiness of larger casters. It is also ideal where constant use under load requires a high performance caster. Applications may include high capacity die tables, die carts, towed trailers, aerospace industry, steel mills, gantries, automated guided vehicles and aircraft maintenance applications.



Latest technology lasers are used to cut up to 1" thick plate for various heavy-duty caster parts. Laser cutting allows the integration of shapes that may have previously been a welded fabrication. These manufacturing and design changes produce stronger assemblies with fewer parts.






CASTER CONCEPTS

85 SERIES EXTRA HEAVY DUTY CASTERS 10,000 maximum capacity LBS

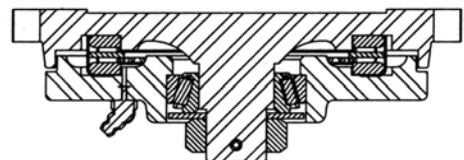
85 SERIES EXTRA HEAVY DUTY CASTERS 10,000 lbs maximum capacity

WHEEL		CAPACITY			PART NUMBER				
Dia.	Width	Material	Roller Bearing	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Wt.
6	2.50	Forged Steel	4,000	5,000	8.50	2.50	85-06251-20-1	85-06259-20-1	38.0
6	3.00	T/R Compound Poly		1,640	8.50	2.50		85-06309-66-1	37.0
6	3.00	H.D. Polyurethane	2,500	2,500	8.50	2.50	85-06301-65-1	85-06309-65-1	40.0
6	3.00	Polyurethane	2,050	2,050	8.50	2.50	85-06301-60-1	85-06309-60-1	37.0
6	3.00	Laminated Phenolic	2,500	2,500	8.50	2.50	85-06301-35-1	85-06309-35-1	30.0
6	3.00	Forged Steel	6,000	10,000	8.50	2.50	85-06301-20-1	85-06309-20-1	45.0
6	3.00	Cast Iron	2,500	2,500	8.50	2.50	85-06301-10-1	85-06309-10-1	36.0
6	4.00	H.D. Polyurethane	3,000	3,000	8.50	2.50	85-06401-65-1	85-06409-65-1	36.0
8	3.00	Mold on Rubber	825	825	10.50	2.50	85-08301-70-1	85-08309-70-1	37.0
8	3.00	T/R Compound Poly	2,500	2,500	10.50	2.50	85-08301-66-1	85-08309-66-1	45.0
8	3.00	Polyurethane	3,000	3,000	10.50	2.50	85-08301-60-1	85-08309-60-1	40.0
8	3.00	H.D. Polyurethane	3,100	3,100	10.50	2.50	85-08301-65-1	85-08309-65-1	45.0
8	3.00	Laminated Phenolic	3,000	3,000	10.50	2.50	85-08301-35-1	85-08309-35-1	32.0
8	3.00	Forged Steel	4,500	5,500	10.50	2.50	85-08301-20-1	85-08309-20-1	44.0
8	3.00	Cast Iron	3,500	3,500	10.50	2.50	85-08301-10-1	85-08309-10-1	40.0
8	4.00	Polyurethane	3,800	3,800	10.50	2.50	85-08401-60-1	85-08409-60-1	48.0
8	4.00	Forged Steel	8,400	10,000	10.50	2.50	85-08401-20-1	85-08409-20-1	48.0
10	3.00	Mold on Rubber	1,000	1,000	12.50	2.50	85-10301-70-1	85-10309-70-1	50.0
10	3.00	T/R Compound Poly	2,800	2,800	12.50	2.50	85-10301-66-1	85-10309-66-1	55.0
10	3.00	Polyurethane	3,000	3,000	12.50	2.50	85-10301-60-1	85-10309-60-1	49.0
10	3.00	H.D. Polyurethane	3,700	3,700	12.50	2.50	85-10301-65-1	85-10309-65-1	55.0
10	3.00	Laminated Phenolic	3,250	3,250	12.50	2.50	85-10301-35-1	85-10309-35-1	36.0
10	3.00	Forged Steel	5,000	6,500	12.50	2.50	85-10301-21-1	85-10309-21-1	54.0
10	3.00	Cast Iron	4,000	4,000	12.50	2.50	85-10301-11-1	85-10309-11-1	50.0
10	4.00	Mold on Rubber	1,500	1,500	12.50	2.50	85-10401-70-1	85-10409-70-1	51.0
10	4.00	Polyurethane	4,200	4,200	12.50	2.50	85-10401-60-1	85-10409-60-1	55.0
10	4.00	H.D. Polyurethane	5,000	5,000	12.50	2.50	85-10401-65-1	85-10409-65-1	60.0
10	4.00	Forged Steel	8,400	10,000	12.50	2.50	85-10401-20-1	85-10409-20-1	74.0
12	3.00	Mold on Rubber	1,125	1,125	15.50	2.50	85-12301-70-1	85-12309-70-1	55.0
12	3.00	T/R Compound Poly	2,900	2,900	15.50	2.50	85-12301-66-1	85-12309-66-1	57.0
12	3.00	H.D. Polyurethane	3,850	3,850	15.50	2.50	85-12301-65-1	85-12309-65-1	53.0
12	3.00	Polyurethane	3,500	3,500	15.50	2.50	85-12301-60-1	85-12309-60-1	55.0
12	4.00	Mold on Rubber	1,600	1,600	15.50	2.50	85-12401-70-1	85-12409-70-1	58.0
12	4.00	T/R Compound Poly	3,800	3,800	15.50	2.50	85-12401-66-1	85-12409-66-1	70.0
12	4.00	H.D. Polyurethane	5,000	5,000	15.50	2.50	85-12401-65-1	85-12409-65-1	70.0
12	4.00	Ductile Iron	7,500	7,500	15.50	2.50	85-12401-12-1	85-12409-12-1	90.0

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. 85-12409-70-2)
 Estimated weight is for swivel caster. Deduct 20 percent of swivel caster weight for rigid casters.
 All dimensions are in inches. All weights are in pounds.

 Top Plate Size	 Bolt Hole Spacing	 Bolt Diameter
Std: 6.0 x 7.5	4.5 x 6.0	0.5

85 Series Cross Sectional View



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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, 3" to 5" widths

Finish: Gold dichromate plating



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.

OPTIONS

Brakes

Poly Cam:	P*
Heavy Duty Tread:	HDT
Wrap Around:	W*
Face Contact:	F

Swivel Locks

Factory Installed:	L
Heavy Duty:	HDL
Demountable:	DL

Sealed Swivel:

SSW

Sealed Wheel:

SW

Toe Guard:

TG

* For wheels with diameters ≥ 6 inches



90 Series casters used in warehousing






CASTER CONCEPTS

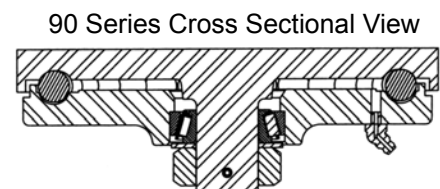
90 SERIES EXTRA HEAVY DUTY CASTERS 8,000 maximum capacity LBS **FOR SEVERE DUTY**

90 SERIES EXTRA HEAVY DUTY CASTERS 8,000 lbs maximum capacity

WHEEL		CAPACITY		PART NUMBER			
Dia.	Width	Material	Roller Bearing	Tapered	OAH Swivel Lead	Straight Roller Precision Tapered	Wt.
6	3.00	Forged Steel	5,500	8,000	9.00 2.25	90-06301-20-1 90-06309-20-1	60.0
6	3.00	H.D. Forged Steel		8,000	9.00 2.25	90-06309-21-1	60.0
6	3.00	Polyurethane		2,500	9.00 2.25	90-06309-60-1	50.0
6	4.00	H.D. Polyurethane	3,000	3,000	9.00 2.25	90-06401-65-1 90-06409-65-1	50.0
8	3.00	Polyurethane		2,500	11.00 2.25	90-08309-60-1	50.0
8	3.00	H.D. Cast Iron	4,500	4,500	11.00 2.25	90-08301-11-1 90-08309-11-1	65.0
8	4.00	Forged Steel	8,000	8,000	11.00 2.25	90-08401-20-1 90-08409-20-1	73.0
8	4.00	H.D. Forged Steel		8,000	11.00 2.25	90-08409-21-1	73.0
8	4.00	Polyurethane	3,800	3,800	11.00 2.25	90-08401-60-1 90-08409-60-1	63.0
10	3.00	H.D. Forged Steel	6,000	6,500	13.00 2.50	90-10301-21-1 90-10309-21-1	62.0
10	3.00	Cast Iron	4,000	4,000	13.00 2.50	90-10301-11-1 90-10309-11-1	61.0
10	3.00	H.D. Polyurethane		3,700	13.00 2.50	90-10309-65-1	51.0
10	4.00	Forged Steel	8,000	8,000	13.00 2.50	90-10401-20-1 90-10409-20-1	83.0
10	4.00	H.D. Forged Steel		8,000	13.00 2.50	90-10409-21-1	83.0
10	4.00	Polyurethane	4,200	4,200	13.00 2.50	90-10401-60-1 90-10409-60-1	59.0
10	4.00	H.D. Polyurethane	5,000	5,000	13.00 2.50	90-10401-65-1 90-10409-65-1	68.0
10	4.00	Mold on Rubber	1,500	1,500	13.00 2.50	90-10401-70-1 90-10409-70-1	66.0
10	5.00	H.D. Polyurethane	6,000	6,000	13.00 2.50	90-10501-65-1 90-10509-65-1	68.0
10	5.00	70D Hard Polyurethane	7,200	7,200	13.00 2.50	90-10501-67-1 90-10509-67-1	68.0
12	3.00	H.D. Polyurethane	3,850	3,850	15.50 2.50	90-12301-65-1 90-12309-65-1	57.0
12	3.50	Phenolic Resin	4,000	4,000	15.50 2.50	90-12351-30-1 90-12359-30-1	60.0
12	3.50	Mold on Rubber	1,350	1,350	15.50 2.50	90-12351-70-1 90-12359-70-1	63.0
12	4.00	H.D. Polyurethane	5,500	5,500	15.50 2.50	90-12401-65-1 90-12409-65-1	75.0
12	4.00	H.D. Phenolic	8,000	8,000	15.50 2.50	90-12401-31-1 90-12409-31-1	68.0
12	4.00	T/R Compound	3,800	3,800	15.50 2.50	90-12401-66-1 90-12409-66-1	75.0
12	4.00	70D Hard Polyurethane	6,600	6,600	15.50 2.50	90-12401-67-1 90-12409-67-1	75.0
12	4.00	Mold on Rubber	1,600	1,600	15.50 2.50	90-12401-70-1 90-12409-70-1	71.0
12	4.00	Ductile Iron	7,500	7,500	15.50 2.50	90-12401-12-1 90-12409-12-1	90.0
12	5.00	H.D. Polyurethane	6,250	6,250	15.50 2.50	90-12501-65-1 90-12509-65-1	90.0
12	5.00	70D Hard Polyurethane	7,500	7,500	15.50 2.50	90-12501-67-1 90-12509-67-1	90.0
12	5.00	Mold on Rubber	1,850	1,850	15.50 2.50	90-12501-70-1 90-12509-70-1	88.0
12	5.00	Ductile Iron	8,000	8,000	15.50 2.50	90-12501-12-1 90-12509-12-1	120.0
16	4.00	Laminated Phenolic	8,000	8,000	19.00 3.00	90-16401-35-1 90-16409-35-1	80.0
16	4.00	Cast Iron	7,500	7,500	19.00 3.00	90-16401-10-1 90-16409-10-1	105.0
16	4.00	H.D. Polyurethane	6,000	6,000	19.00 3.00	90-16401-65-1 90-16409-65-1	109.0
16	4.00	Mold on Rubber	1,450	1,450	19.00 3.00	90-16401-70-1 90-16409-70-1	106.0
16	5.00	H.D. Polyurethane	8,000	8,000	19.00 3.00	90-16501-65-1 90-16509-65-1	115.0
16	5.00	70D Hard Polyurethane	8,000	8,000	19.00 3.00	90-16501-67-1 90-16509-67-1	115.0
18	5.00	H.D. Polyurethane	8,000	8,000	21.00 4.00	90-18501-65-1 90-18509-65-1	115.0
18	5.00	70D Hard Polyurethane	8,000	8,000	21.00 4.00	90-18501-67-1 90-18509-67-1	115.0

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. 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



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CASTER CONCEPTS

95 SERIES EXTRA HEAVY DUTY CASTERS 17,000 ^{maximum capacity} LBS **FOR SEVERE DUTY**

FEATURES

Swivel Section: Constructed of hot forged C-1045 steel with a 7" diameter raceway featuring precision tapered load and tapered thrust bearings.

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

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

Axle: 1-1/4" diameter axle

Lubrication: Pre-lubricated before shipping

Wheel: 6" to 18" diameter wheels

Standard: Built to standard industry dimensions for top plate, bolt hole spacing and overall height

Finish: Gold dichromate plating



95-10409-21-1 shown

BENEFITS

The 95 Series is ideal for applications where high load capacities are required and where the caster will ensure constant use under load.

The integrally forged kingpin and slotted adjusting nut add strength and longevity to the life of the swivel section.

OPTIONS

Brakes

Poly Cam:	P*
Heavy Duty Tread:	HDT
Wrap Around:	W*
Face Contact:	F

Swivel Locks

Factory Installed:	L
Heavy Duty:	HDL
Demountable:	DL

Sealed Swivel: SSW

Sealed Wheels: SW

Toe Guard: TG

* For wheels with diameters \geq 6 inches.

APPLICATIONS

Rugged applications include die carts, towed trailers, automotive plant equipment, aircraft maintenance stands, production line delivery trailers, paving machinery and boat dollies.

Work in Progress: Modular building manufacturing.



CASTER CONCEPTS

95 SERIES EXTRA HEAVY DUTY CASTERS 17,000 ^{maximum capacity} LBS FOR SEVERE DUTY

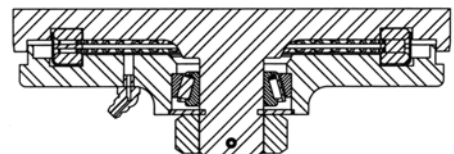
95 SERIES EXTRA HEAVY DUTY CASTERS 17,000 lbs maximum capacity

WHEEL		CAPACITY		PART NUMBER					
Dia.	Width	Material	Roller Bearing	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Wt.
6	3.00	Forged Steel	6,000	10,000	9.00	2.25	95-06301-20-1	95-06309-20-1	60.0
6	3.00	H.D. Forged Steel		17,000	9.00	2.25		95-06309-21-1	60.0
6	3.00	Polyurethane		2,500	9.00	2.25		95-06309-60-1	50.0
6	4.00	H.D. Polyurethane	3,000	3,000	9.00	2.25	95-06401-65-1	95-06409-65-1	50.0
8	3.00	H.D. Polyurethane	3,100	3,100	11.00	2.25	95-08301-65-1	95-08309-65-1	50.0
8	4.00	Forged Steel	8,400	10,000	11.00	2.25	95-08401-20-1	95-08409-20-1	73.0
8	4.00	H.D. Forged Steel		17,000	11.00	2.25		95-08409-21-1	73.0
8	4.00	Polyurethane	3,800	3,800	11.00	2.25	95-08401-60-1	95-08409-60-1	63.0
10	3.00	Cast Iron	4,000	4,000	13.00	2.50	95-10301-11-1	95-10309-11-1	61.0
10	3.00	H.D. Forged Steel	6,000	6,500	13.00	2.50	95-10301-21-1	95-10309-21-1	62.0
10	3.00	Polyurethane		3,000	13.00	2.50		95-10309-60-1	51.0
10	4.00	H.D. Forged Steel		17,000	13.00	2.50		95-10409-21-1	83.0
10	4.00	Forged Steel	8,400	10,000	13.00	2.50	95-10401-20-1	95-10409-20-1	83.0
10	4.00	Polyurethane	4,200	4,200	13.00	2.50	95-10401-60-1	95-10409-60-1	59.0
10	4.00	H.D. Polyurethane	5,000	5,000	13.00	2.50	95-10401-65-1	95-10409-65-1	68.0
10	4.00	Mold on Rubber	1,500	1,500	13.00	2.50	95-10401-70-1	95-10409-70-1	66.0
10	5.00	H.D. Polyurethane	6,000	6,000	13.00	2.50	95-10501-65-1	95-10509-65-1	68.0
12	3.00	H.D. Polyurethane	3,850	3,850	15.50	2.50	95-12301-65-1	95-12309-65-1	57.0
12	3.50	Laminated Phenolic	4,700	4,700	15.50	2.50	95-12351-35-1	95-12359-35-1	59.0
12	3.50	Phenolic Resin	4,000	4,000	15.50	2.50	95-12351-30-1	95-12359-30-1	60.0
12	3.50	Mold on Rubber	1,350	1,350	15.50	2.50	95-12351-70-1	95-12359-70-1	63.0
12	4.00	Ductile Iron	7,500	7,500	15.50	2.50	95-12401-12-1	95-12409-12-1	90.0
12	4.00	H.D. Phenolic	8,000	8,000	15.50	2.50	95-12401-31-1	95-12409-31-1	68.0
12	4.00	H.D. Polyurethane	5,500	5,500	15.50	2.50	95-12401-65-1	95-12409-65-1	75.0
12	4.00	T/R Compound	4,800	4,800	15.50	2.50	95-12401-66-1	95-12409-66-1	75.0
12	4.00	70D Hard Polyurethane	6,600	6,600	15.50	2.50	95-12401-67-1	95-12409-67-1	75.0
12	4.00	Mold on Rubber	1,600	1,600	15.50	2.50	95-12401-70-1	95-12409-70-1	71.0
12	5.00	Ductile Iron	10,000	15,000	15.50	2.50	95-12501-12-1	95-12509-12-1	130.0
12	5.00	H.D. Polyurethane	6,250	6,250	15.50	2.50	95-12501-65-1	95-12509-65-1	90.0
12	5.00	70D Hard Polyurethane	7,500	7,500	15.50	2.50	95-12501-67-1	95-12509-67-1	90.0
12	5.00	Mold on Rubber	1,850	1,850	15.50	2.50	95-12501-70-1	95-12509-70-1	88.0
14	5.00	Cast Iron	7,000	7,000	17.50	2.50	95-14501-10-1	95-14509-10-1	100.0
16	4.00	Laminated Phenolic	8,400	8,400	19.00	3.00	95-16401-35-1	95-16409-35-1	80.0
16	4.00	Cast Iron	7,500	7,500	19.00	3.00	95-16401-10-1	95-16409-10-1	105.0
16	4.00	H.D. Polyurethane	6,000	6,000	19.00	3.00	95-16401-65-1	95-16409-65-1	109.0
16	4.00	Mold on Rubber	1,450	1,450	19.00	3.00	95-16401-70-1	95-16409-70-1	106.0
16	5.00	Polyurethane	8,000	8,000	19.00	3.00	95-16501-65-1	95-16509-65-1	115.0
16	5.00	70D Hard Polyurethane	8,000	8,000	19.00	3.00	95-16501-67-1	95-16509-67-1	115.0
18	5.00	H.D. Polyurethane	8,000	8,000	21.00	4.00	95-18501-65-1	95-18509-65-1	120.0
18	5.00	70D Hard Polyurethane	8,000	9,000	21.00	4.00	95-18501-67-1	95-18509-67-1	120.0

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. 95-16509-67-2)
 Estimated weight is for swivel caster. Deduct 20 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

95 Series Cross Sectional View



CASTER CONCEPTS WILL MODIFY ANY CASTER TO MEET CUSTOMER SPECIFICATIONS
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CASTER CONCEPTS

99 SERIES SUPER HEAVY DUTY CASTERS 35,000 ^{maximum capacity} LBS FOR SEVERE DUTY

FEATURES

Swivel Section: Machined from C-1045 hot forged steel which has been precision machined for bearings. The swivel section features dual 9" and 12" diameter through hardened load races that use 7/8" diameter steel balls.

Kingpin: 1-1/2" diameter kingpin integrally forged into top plate features a slotted adjusting nut and heavy duty 1-1/2" sealed tapered thrust bearing

Legs: 3/4" legs are continuously welded both inside and outside for the greatest strength

Axle: 2" alloy steel

Lubrication: Pre-lubricated before shipping

Wheel: Available in single and dual-wheel configurations. Single wheel diameters range from 12" to 28". Dual wheel diameters range from 10" to 22" as standard.

Finish: Water based acrylic black paint



2-99-22121-69-1 shown with optional VSL

BENEFITS

The 99 Series platform with heavy duty swivel casters is the ideal choice when payload protection far exceeds the capacity of the caster. The dual load race design assures smooth rotation of the caster and superior load capacity. Priced at production prices, the series offers flexibility and comfort in product design.

OPTIONS

Brakes

Poly Cam:	P
Face Contact:	F

Swivel Locks

Vertical Mounted	V
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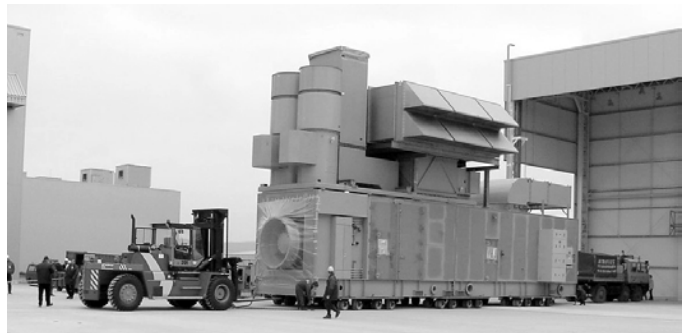
Sealed Wheels: SW

Toe Guard: TG

99 series swivel sections are used as a platform for many custom designed applications. Consult factory.

APPLICATIONS

Optimal for die handling, marine and automotive applications, the 99 Series also meets the needs for aerospace and aircraft ground support equipment.



Super Duty Wheel Casters moving a portable power generator into a test facility.






CASTER CONCEPTS

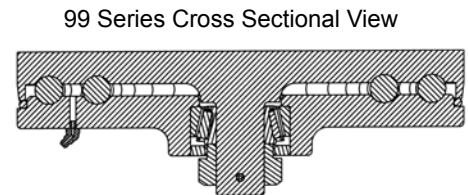
99 SERIES SUPER HEAVY DUTY CASTERS 35,000 ^{maximum capacity} LBS FOR SEVERE DUTY

99 SERIES SUPER HEAVY DUTY CASTERS 35,000 lbs maximum capacity

WHEEL			CAPACITY			PART NUMBER
Dia.	Width	Material	Needle Bearing	OAH	Swivel Lead	Needle Bearing
SINGLE WHEEL						
12	5.00	Ductile	18,000	16.50	3.00	99-12501-12-1
12	5.00	H.D. Polyurethane	7,500	16.50	3.00	99-12501-67-1
15	9.00	Polyurethane Press On	8,700	19.50	3.50	99-15901-69-1
18	9.00	Polyurethane Press On	10,900	22.00	4.50	99-18901-69-1
22	8.00	Polyurethane Press On	11,000	26.00	5.50	99-22801-69-1
22	12.00	Polyurethane Press On	17,500	26.00	5.50	99-22121-69-1
28	12.00	Polyurethane Press On	21,000	32.00	6.00	99-28121-69-1
28	16.00	Polyurethane Press On	29,000	32.00	6.00	99-28161-69-1
DUAL WHEEL						
10	4.00	H.D. Forged Steel	35,000	14.50	3.00	2-99-10401-21-1
12	5.00	Ductile Iron	35,000	16.50	3.00	2-99-12501-12-1
12	5.00	HL Polyurethane	15,000	16.50	3.00	2-99-12501-67-1
18	9.00	Polyurethane Press On	21,800	22.00	4.50	2-99-18901-69-1
22	8.00	Polyurethane Press On	23,000	26.00	5.50	2-99-22801-69-1
22	12.00	Polyurethane Press On	35,000	26.00	5.50	2-99-22121-69-1

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

 Top Plate Size	 Bolt Hole Spacing	 Bolt Diameter
Std: 14 x 14	12 x 12	0.75



THE 99 SERIES PLATFORM CAN BE HIGHLY CUSTOMIZED FOR A BROAD RANGE OF APPLICATIONS.



CASTER CONCEPTS

DUAL WHEEL CASTERS

17,000 maximum capacity LBS

DUAL WHEEL CASTERS 17,000 lbs maximum capacity

WHEEL CAPACITY PART NUMBER

Dia.	Width	Material	Roller	Tapered	OAH	Swivel Lead	Straight Roller	Precision Tapered	Series	Wt.					
8	2.00	Cast Iron	2,000		10.12	2.25	66-08201-10-1		65	26.0					
8	2.00	Phenolic Resin	2,000		10.12	2.25	66-08201-30-1		65	18.0					
8	2.00	Polyurethane	2,000		10.12	2.25	66-08201-60-1		65	25.0					
8	2.00	Mold on Rubber	1,000		10.12	2.25	66-08201-70-1		65	35.0					
6	2.50	Mold on Rubber	1,080	1,080	8.00	2.25	72-06251-70-1	72-06259-70-1	70	37.0					
6	2.50	Polyurethane	3,500	3,500	8.00	2.25	72-06251-60-1	72-06259-60-1	70	40.0					
6	2.50	Phenolic Resin	3,500		8.00	2.25	72-06251-30-1		70	26.0					
6	2.50	Cast Iron	3,500	3,500	8.00	2.25	72-06251-10-1	72-06259-10-1	70	37.0					
8	2.50	Mold on Rubber	1,340	1,340	10.50	2.50	72-08251-70-1	72-08259-70-1	70	38.0					
8	2.50	Polyurethane	3,500	3,500	10.50	2.50	72-08251-60-1	72-08259-60-1	70	40.0					
8	2.50	Phenolic Resin	3,500		10.50	2.50	72-08251-30-1		70	30.0					
10	2.50	Mold on Rubber	1,550	1,550	12.50	2.50	72-10251-70-1	72-10259-70-1	70	42.0					
10	2.50	Polyurethane	3,500	3,500	12.50	2.50	72-10251-60-1	72-10259-60-1	70	52.0					
10	2.50	Phenolic Resin	3,500	3,500	12.50	2.50	72-10251-30-1	72-10259-30-1	70	35.0					
12	2.50	Mold on Rubber	1,800	1,800	14.00	2.50	72-12251-70-1	72-12259-70-1	70	51.0					
12	2.50	Polyurethane	3,500	3,500	14.00	2.50	72-12251-60-1	72-12259-60-1	70	58.0					
12	2.50	Phenolic Resin	3,500	3,500	14.00	2.50	72-12251-30-1	72-12259-30-1	70	43.0					
6	3.00	Polyurethane	4,100	4,100	9.00	2.50	82-06301-60-1	82-06309-60-1	80	44.0					
6	3.00	Phenolic Resin	4,000	4,000	9.00	2.50	82-06301-30-1	82-06309-30-1	80	39.0					
6	3.00	Forged Steel	5,000	5,000	9.00	2.50	82-06301-20-1	82-06309-20-1	80	65.0					
8	3.00	Polyurethane	5,000	5,000	11.00	2.50	82-08301-60-1	82-08309-60-1	80	50.0					
8	3.00	Phenolic Resin	5,000	5,000	11.00	2.50	82-08301-30-1	82-08309-30-1	80	40.0					
8	3.00	Forged Steel	5,000	10,000	11.00	2.50	82-08301-20-1	86-08309-20-1	80	62.0					
8	3.00	Cast Iron	5,000	5,000	11.00	2.50	82-08301-10-1	82-08309-10-1	80	62.0					
10	3.00	Polyurethane	6,000	6,000	13.00	2.50	86-10301-60-1	86-10309-60-1	85	58.0					
10	3.00	Phenolic Resin	5,800	5,800	13.00	2.50	86-10301-30-1	86-10309-30-1	85	45.0					
10	3.00	Forged Steel	10,000	10,000	13.00	2.50	86-10301-21-1	86-10309-21-1	85	81.0					
10	3.00	Cast Iron	6,000	6,000	13.00	2.50	86-10301-10-1	86-10309-10-1	85	71.0					
6	3.00	Forged Steel	11,000	17,000	9.00	2.50	96-06301-20-1	96-06309-20-1	95	85.0					
6	5.00	H.D. Polyurethane		7,400	9.00	2.50		96-06509-65-1	95	90.0					
8	3.00	H.D. Polyurethane		6,200	11.00	2.50		96-08309-65-1	95	75.0					
8	4.00	Polyurethane	7,600	7,600	11.00	2.50	96-08401-60-1	96-08409-60-1	95	75.0					
8	4.00	H.D. Forged Steel		17,000	11.00	2.50		96-08409-21-1	95	112.0					
10	3.00	H.D. Polyurethane	7,400	7,400	13.00	2.50	96-10301-65-1	96-10309-65-1	95	88.0					
10	3.00	Laminated Phenolic	6,000	6,000	13.00	2.50	96-10301-35-1	96-10309-35-1	95	67.0					
10	3.00	H.D. Forged Steel	12,000	13,000	13.00	2.50	96-10301-21-1	96-10309-21-1	95	123.0					
10	4.00	H.D. Forged Steel		17,000	13.00	2.50		96-10409-21-1	95	140.0					
10	4.00	H.D. Polyurethane	10,000	10,000	13.00	2.50	96-10401-65-1	96-10409-65-1	95	103.0					
10	4.00	Polyurethane	8,400	8,400	13.00	2.50	96-10401-60-1	96-10409-60-1	95	90.0					
10	5.00	H.D. Polyurethane	12,000	12,000	13.00	2.50	96-10501-65-1	96-10509-65-1	95	103.0					
12	3.00	H.D. Polyurethane	7,700	7,700	15.50	2.50	96-12301-65-1	96-12309-65-1	95	108.0					
12	3.50	Laminated Phenolic	8,500	8,500	15.50	2.50	96-12351-35-1	96-12359-35-1	95	97.0					
12	4.00	H.D. Polyurethane	11,000	11,000	15.50	2.50	96-12401-65-1	96-12409-65-1	95	120.0					
12	4.00	70D H.L. Polyurethane	13,000	13,000	15.50	2.50	96-12401-67-1	96-12409-67-1	95	100.0					
12	5.00	H.D. Polyurethane	12,500	12,500	15.50	2.50	96-12501-65-1	96-12509-65-1	95	150.0					
12	5.00	70D H.L. Polyurethane	15,000	15,000	15.50	2.50	96-12501-67-1	96-12509-67-1	95	130.0					
16	5.00	H.D. Polyurethane	16,000	16,000	19.00	4.00		96-16509-65-1	95	200.0					
16	5.00	H.D. Polyurethane	16,000	17,000	19.00	4.00		96-16509-67-1	95	200.0					
18	5.00	H.D. Polyurethane	17,000	17,000	23.00	4.00		96-18509-65-1	95	220.0					
18	5.00	H.D. Polyurethane	17,000	17,000	23.00	4.00		96-18509-67-1	95	220.0					

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. 96-12409-65-2)
See series codes for top plate and bolt hole dimensions.
 All dimensions are in inches. All weights are in pounds.

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