

ACORN INDUSTRIAL PRODUCTS

CATALOG

Casters

Wheels

Bumpers

Couplers



60 Series



Cartmaster



70 Series



110 Series



120 Series



DARNELL-ROSE

division  Evans Industries, Inc.

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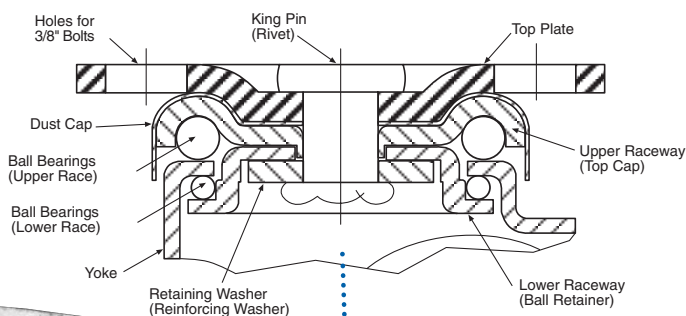


DARNELL

Proven Performance and Lasting Quality since 1921.

RACEWAY DUST CAP.

Standard on most Darnell series, the dust cap fits over the upper ball retainer to keep out unwanted dust, moisture, and other debris that can contaminate or snag the swivel raceway.



REINFORCING WASHER.

Thick steel washer is placed between lower ball retainer and king pin. This secures the swivel and adds strength to the caster structure.

FOUR SIDED DOUBLE BALL RACEWAYS.

Upper set of ball bearings carries weight of downward load while the lower set handles lateral pressure created by the wheel offset. By capturing the bearings on all four sides – top, bottom, inside, and outside – each ball rolls directly in line with the load, not at an angle as with most competitive brands. This is one reason Darnell casters create less friction, allowing them to turn easier and last longer.

GAS CARBURIZED HEAT TREATING PROCESS.

All moving metal parts are heat treated to a precise molecular depth and Rockwell hardness to reduce wear, prevent brinelling caused by shock loads, and to increase service life dramatically.

THREAD GUARDS.

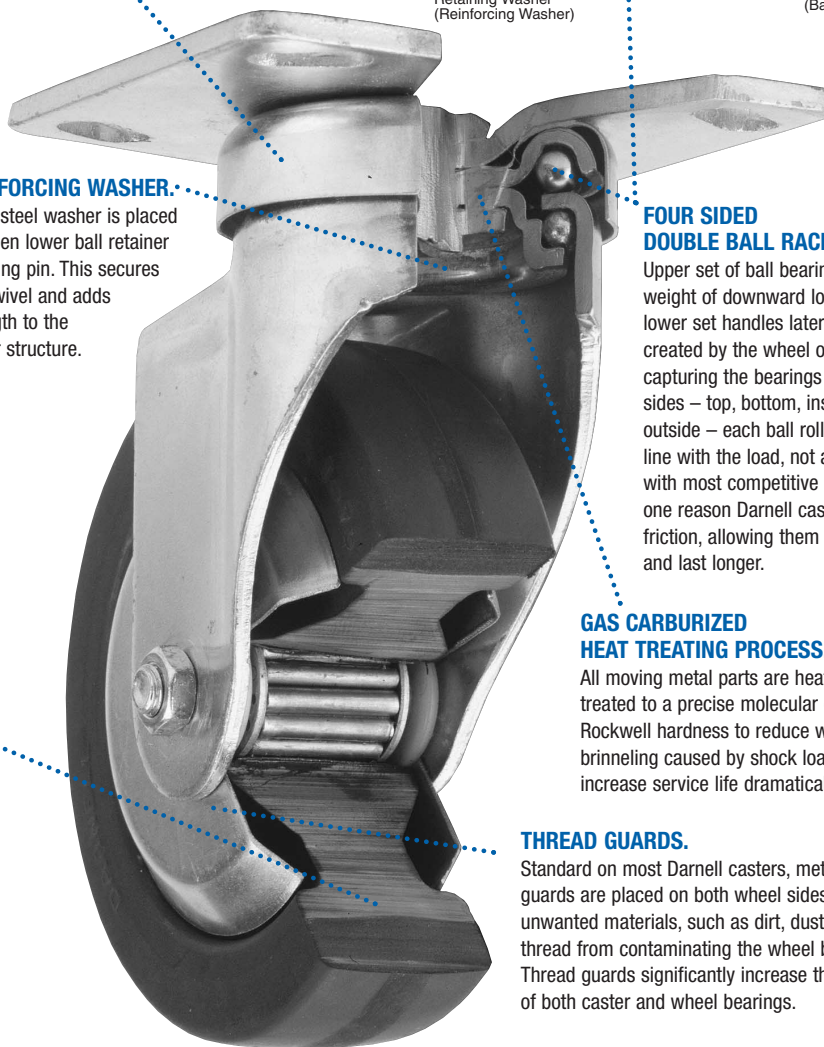
Standard on most Darnell casters, metal thread guards are placed on both wheel sides to keep unwanted materials, such as dirt, dust, lint, and thread from contaminating the wheel bearings. Thread guards significantly increase the service life of both caster and wheel bearings.

DUAL DUROMETER NEOPRENE WHEELS.

All soft tread, solid composition wheels are made at our factory in California using a Dual-Durometer rubber molding process. The core rubber compound is harder and provides firm support for the bearing and a solid base for the tread. The exterior tread is a softer Neoprene compound for quieter service. The two compounds are permanently vulcanized to provide a soft outer tread with the firmness required for the inner core.

WHY NEOPRENE?

Neoprene is the ideal material for soft rubber wheels because it is very resistant to wear, resists sunlight, ozone, and is not harmed by common chemicals, high temperatures, water, gasoline, oil or grease. Neoprene also has a better memory so it returns to and maintains its original shape faster and, therefore, takes less force to roll. Neoprene also lasts longer because it ages more slowly than other rubber compounds.



Key to Darnell Description System

64	20	X	R	DN	X
Caster Series	Top Plate or Stem Numbers Designate Top Plate.	Bearing	R if Rigid	Wheel Material	Added Designations:
Wheel Diameter	Letters Designate Stem:	B – Plain Steel Bushing D – Delrin P – Plain Acetal T – Caged Roller X – Machined Ball PX – Sealed Precision Ball Y – Tapered Roller SS – Stainless Steel TB – Sealed Roller		AE – Advanced Elastomer ADI – Polyurethane CI – Cast Iron EZN – Extra-Soft Neoprene H – Hard Rubber KN – Hi-Cap Neoprene PR – Phenolic Resin PO – Polyolefin TPR – Thermoplastic Rubber SS – Stainless Steel DN – Neoprene	Wheel Core Material Wheel Options Brakes & Locks Miscellaneous Special Features
	E – Expansion Stem K – Large Grip Neck L – Threaded Stem LPC – Threaded Pipe Female LPS – Threaded Pipe Male O – Friction Grip Ring PLRD – Plain Round SQ – Square				

Forged Steel Casters Built to Demanding Automotive Standards.

ROSE

INTEGRALLY FORGED KING PIN.

Integrated King Pin is hot-forged with top plate and upper bearing raceway to be virtually indestructible! Unlike kingpinless style casters, this design permits use of tapered thrust bearings in the secondary raceway and it allows the user to tighten loose raceways that result from normal wear and tear. Integrated King Pin is warranted against failure or breakage.

HOT FORGED SAE-1050 STEEL BASE PLATE

GREASE ZERK TO PROVIDE LUBRICATION TO SWIVEL BEARINGS.

TAPERED ROLLER THRUST BEARING.

SLOTTED KING PIN NUT TO OBTAIN PROPER BEARING ADJUSTMENT.

WHEEL BEARINGS AVAILABLE IN MANY SIZES, BOTH STRAIGHT AND TAPERED ROLLERS.

HARDENED CHROME STEEL BALL BEARINGS

FLAME HARDENED BALL BEARING RACE INCORPORATED INTO BOTH THE BASE AND RING PLATE.

UPSET LANCED INTO SIDEFORK TO RETAIN AXLE BOLT.

TAPERED ROLLER BEARINGS ARE RETAINED WITH FLINGER STYLE CLOSURES TO RETAIN LUBRICATING GREASE AND EXCLUDE FOREIGN PARTICLES.

GREASE ZERK TO PROVIDE LUBRICATION TO WHEEL BEARINGS.

WHEEL TREAD AVAILABLE IN STEEL, CAST IRON, RUBBER AND POLYURETHANE ON MOST CASTERS.

Key to Rose Description System

SC	—	110	—	83	—	PS	—	4SL
Casters		Series		Wheel Size		Wheel Material		Options
<p>SC – Swivel Caster</p> <p>RC – Rigid Caster</p> <p>SDC – Shock Absorbing Swivel Caster</p> <p>RDC – Shock Absorbing Rigid Caster</p> <p>TSC – Dual Wheel Swivel Caster</p> <p>TRC – Dual Wheel Rigid Caster</p>				<p>Fork Leg Designation:</p> <p><i>Used to Specify Overall Height</i></p>		<p>CI – Cast Iron</p> <p>CS – Cast Steel</p> <p>FS – Drop Forged Steel</p> <p>FT – Flanged Track</p> <p>HDD – Heavy Duty Ductile</p> <p>PH – Phonic, Heavy Duty</p> <p>PS – Polyurethane on Semi-Steel</p> <p>PS8 – Soft Polyurethane on Cast Iron</p> <p>RS – Mold-On Rubber on Semi-Steel</p>		<p>2SL – Two Position Swivel Locks</p> <p>4SL – Four Position Swivel Locks</p> <p>UWB – Universal Wheel Brake</p>

CARTMASTER

Can Your Airline Cart Caster Pass the Darnell-Rose Pre-flight Inspection?

- Is your cart easy to push or pull?
- Do your wheels soil carpets?
- Does your caster hold up under heavy usage?
- Does one caster fit all of your carts?
- Are your casters FAA legal?

For years, Airlines have suffered with the high cost of inferior meal and beverage cart casters. The new Darnell *CartMaster* is the answer to this problem. Our patented design makes brake adjustment, wheel replacement, lubrication, and damaged swivels a thing of the past. Flight attendants love how easily carts swivel and roll when equipped with *CartMaster* casters. Specially designed Neoprene wheels reduce expensive cart damage by absorbing shock on both carpeted and non-carpeted surfaces. In addition, tests prove that *CartMaster* wheels last 5 to 10 times longer than ordinary wheels used in competitive casters. The *CartMaster* fits nearly all existing meal and beverage carts in today's fleets with a center brake mechanism adjusted and preinstalled at the factory.

The *CartMaster* by Darnell-Rose is a maintenance free caster that will greatly reduce the high cost of expensive caster replacement and installation.

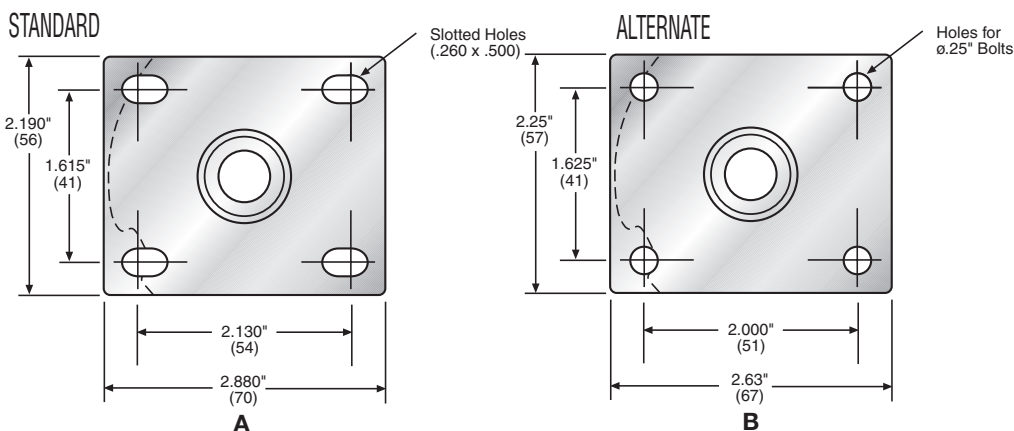
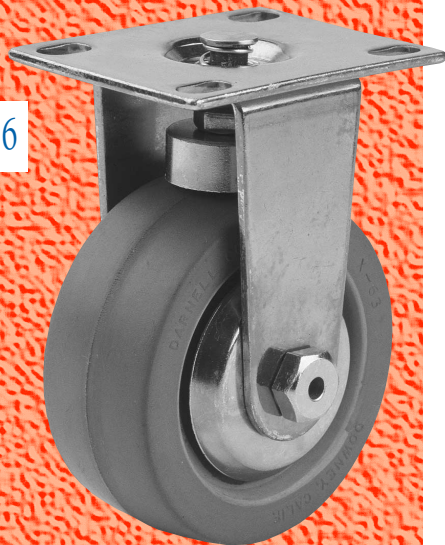


Part Number 621050
 – PMA Part –
 Other FAA PMA items available

NEW
 Single Rigid Cartmaster



FAA PMA
PQ2208NM





Stainless steel pin, spring, and rivet will not corrode.

Gray non-marking wheels ensure cleaner carpets.

Universal mounting plate installs easily on nearly all carts.

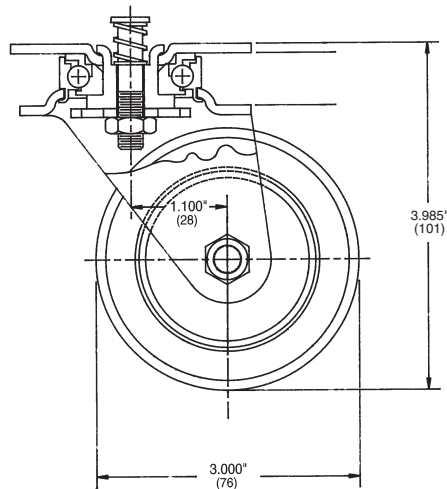
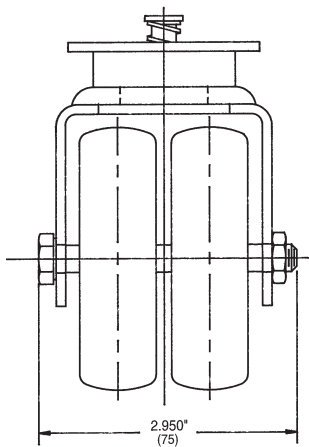
Thread guards prevent floor debris from snagging wheels.

Heat treated caster assembly withstands severe shock loads without failure.

Soft Neoprene tread absorbs shock to stabilize carts.

Ball bearings require least effort to push/pull cart through narrow aisles.

Two layer hard inner core adds strength to support heavy loads.



Patented RADIAL THRUST BEARING uses the latest technology to assure easy swivel movement and longer life. Sealed bearing is permanently greased at the factory and will

FAA PMA PQ2208NM Meets FAR & Boeing Specifications

never require maintenance or lubrication. Withstands shock loads much better than conventional swivel bearings.

Also Available in Stainless Steel

Cartmaster

Diameter	Tread Width	Load Capacity	Brake Pin Height Inches (mm)	Part Number	Approx. Weight Pounds (kg)	Overall Height	Swivel Radius Inches (mm)	Top Plate	Finish
3 (76.2 mm) each wheel	7/8 (22.23 mm) each wheel	200 lbs (90 kg)	.312 (7.92)	621050-PMA	1.72 (.78)	3.985 (101.22 mm)	2.6 (66.04)	A	Bright Zinc
			(Non-Brake)	621050-02	1.62 (.74)		2.6 (66.04)	A	Bright Zinc
			.295 (7.49)	621050-03	1.72 (.78)		2.6 (66.04)	A	Yellow Zinc Chromate
			.375 (9.53)	621050-04	1.72 (.78)		2.6 (66.04)	A	Bright Zinc
			.220 (5.59)	621050-05	1.72 (.78)		2.6 (66.04)	A	Bright Zinc
			.118 (3.00mm)	621050-06	1.72 (.78)		2.6 (66.04)	A	Yellow Zinc Chromate
			.312 (7.92)	621050-07	1.72 (.78)		2.6 (66.04)	A	Yellow Zinc Chromate
			(Non-Brake)	621050-08	1.62 (.74)		2.6 (66.04)	A	Yellow Zinc Chromate
			.270 (6.86)	621050-09	1.72 (.78)		2.4 (60.96)	A	Yellow Zinc Chromate
			.330 (8.38)	621050-10	1.70 (.771)		2.4 (60.96)	B	Bright Zinc

7

Rigid Cartmaster with Brakes

.312 (7.92)

Diameter	Tread Width	Load Capacity	Brake Pin Height Inches (mm)	Part Number	Approx. Weight Pounds (kg)	Overall Height	Swivel Radius Inches (mm)	Top Plate	Finish
3 (76.2 mm)	1 1/4 (31.75 mm)	200 lbs (90 kg)	.138 (3.51)	621923-PMA	1.18 lb (.535 kg)	4.105 (104.3 mm)	(none)	A	Yellow Zinc Chromate
			.310 (7.87)	621923-02					

ADVANCED ELASTOMER



60



70



80/A100

How Darnell-Rose Created the Perfect Caster Wheel

Founded in 1921 as the Perfect Manufacturing Company, Darnell-Rose casters have long been recognized for their superior quality and exceptional performance. This quest for perfection is manifested once again in our new line of **ADVANCED ELASTOMER** wheels. To create the “perfect caster wheel,” we spent two years developing a custom compounded urethane elastomer that offers the highest abrasion resistance, maximum impact strength, and lowest rolling resistance. The result is a wheel which is easy to roll under the heaviest loads, and guaranteed to outlast and outperform metal, rubber, plastic, phenolic, and even conventional solid urethane wheels. **AE** wheels resist nearly all chemicals, greases, oils, solvents, fuel oils, and other compounds which attack most molded plastic or common rubber wheels. And since the **AE** wheel is a completely solid elastomer, there is never a possibility of tread separation caused by bond failure between wheel tread and core.

Our unique symmetrical hub design allows the **AE** wheel to withstand severe impact generated by extreme shock loading. It will not chip, crack, or “chunk out” like most polyolefin or phenolic wheels, nor will it “flat spot” under normal loads and temperatures. Good heat and cold resistance allows maximum performance within a wide temperature range. These qualities make the **AE** wheel the “Perfect Caster Wheel” in tough, demanding environments.

AE wheels are offered in the three most popular series Darnell-Rose casters, both in zinc plated steel or corrosion-free stainless steel. Load capacities range from 400 lbs to 1,200 lbs per caster, in sizes from 3-inch to 8-inch wheel diameters, and with four different types of wheel bearings, including maintenance free sealed precision bearings (70 series and A100 series). No other caster offers more choice or selection.

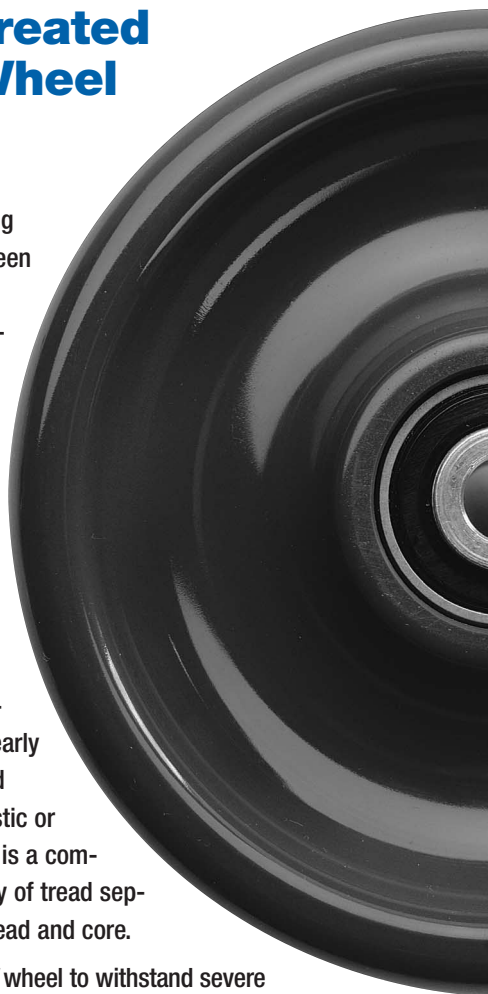
In keeping with tradition, Darnell-Rose has created a perfect match: the original quality of the perfect Darnell-Rose caster, combined with our new Advanced Elastomer wheel—the “perfect way” to keep your equipment rolling under the most demanding conditions.

ELASTOMER PROPERTIES

Hardness	65-68 Shore D
Tensile Strength	5,000 psi
Modulus, 100%	4,000 psi
Compression set (22 hrs, 158°F)	51%
Impact resistance (notched izod)	5.71 ft lbs/in
Split tear, D-470	110 pli
Elongation (% at break point)	250%
Temp range (continuous)	-50°F to +212°F
Specific gravity	1.17

Quality Features

- HIGH IMPACT STRENGTH
- EXCELLENT ABRASION RESISTANCE
- GOOD HEAT RESISTANCE AT ELEVATED TEMPERATURE
- EXCELLENT FUEL, OIL, AND CHEMICAL RESISTANCE
- LOW ROLLING RESISTANCE UNDER MAXIMUM LOAD
- NO FLAT SPOTTING UNDER LOAD AND TEMPERATURE

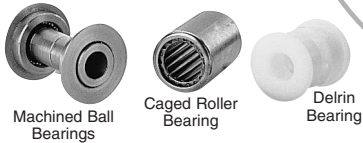


Solid AE wheel eliminates tread separation caused by bond failure.

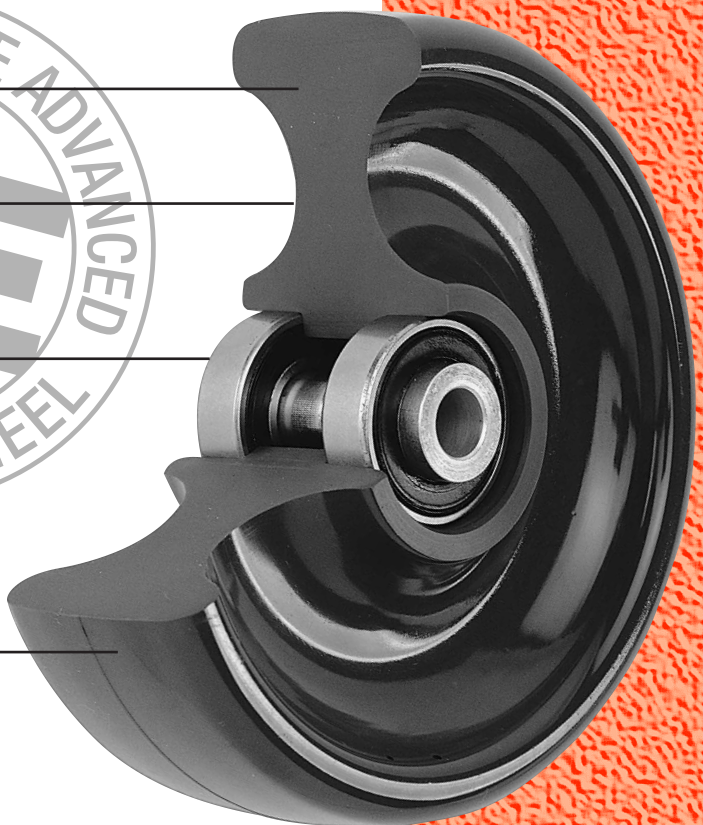
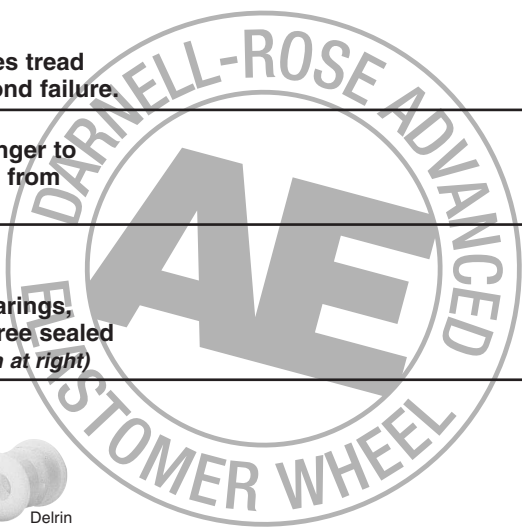
Symmetrical hub is stronger to withstand severe impact from shock loading.

Choice of four wheel bearings, including maintenance free sealed precision bearing (shown at right)

Bearing options:

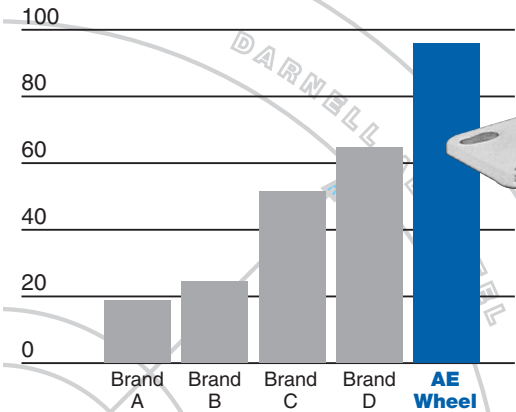


Custom compounded urethane elastomer rolls easier, lasts longer under loads up to 1,200 lbs per caster.



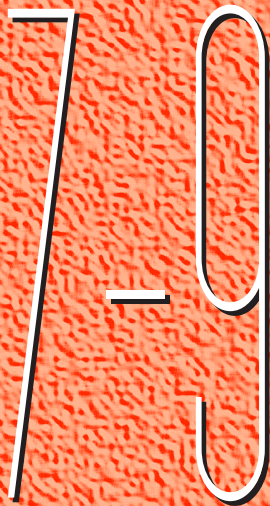
ENDURANCE TEST

Comparative Results



Test procedure: 3 1/2" x 1 1/4" wheel loaded to 400 lbs on a rolling drum tester with 1/8" obstacle bar at 3 mph.





SERIES

Furniture Casters

Load Capacity: 60 to 115 lbs.

Quality Features

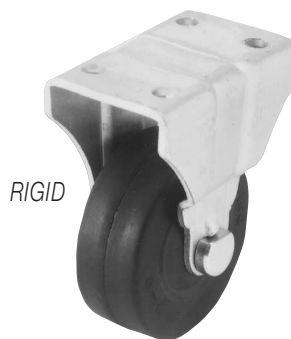
- FOUR-SIDED, DOUBLE BALL RACEWAY.**
 Hardened steel ball bearings touch upper and lower swivel raceway "on all four sides." This protects the central king pin from shock loading for free swiveling under maximum loads.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- EASY WHEEL REPLACEMENT.**
 Wheel replacement is simple and easy with bolt & nut axle, as opposed to riveted axles on most competitive brands.
- VARIETY OF STEMS AND MOUNTING PLATES.**
 Large selection of stems and mounting plates including our A12 angle corner bracket means these casters can be used virtually anywhere a tough light-duty caster is required.

Easy rolling, ball bearing swivel casters add long life to furniture and equipment with wood or metal bases. This light-duty caster provides quality features normally available only in heavier-duty models. One piece matching rigid.

Typical applications:

- Tables
- Chairs
- Stools
- Washing Machines
- Mop Buckets
- T.V. Stands
- Potable Racks

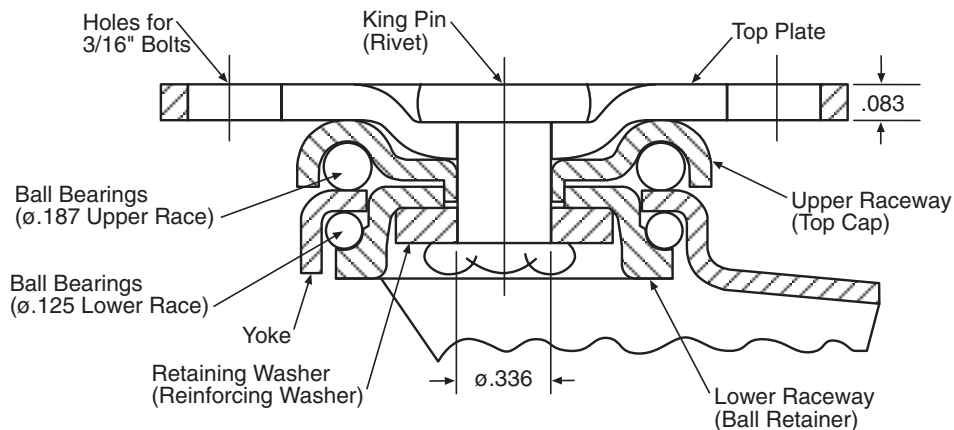
These versatile light-duty casters are offered with a wide variety of stems to fit all mounting requirements.



Options

- Powder Coating
- Conductive Wheels
- Gray, Non-Marking Wheels

FOUR SIDED DOUBLE BALL BEARING RACEWAY 7-9 SERIES



Wheel Selection

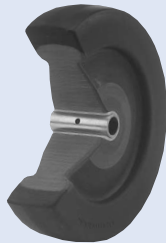
NEOPRENE RUBBER

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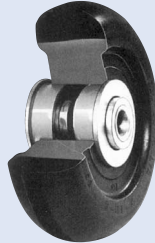
HI-CAP NEOPRENE

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EXTRA-SOFT NEOPRENE

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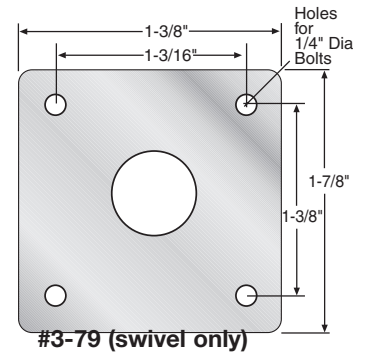
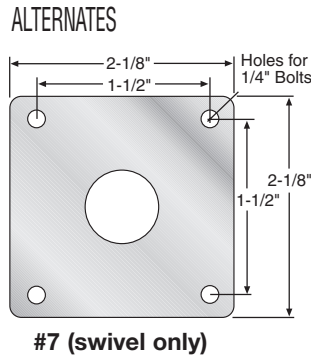
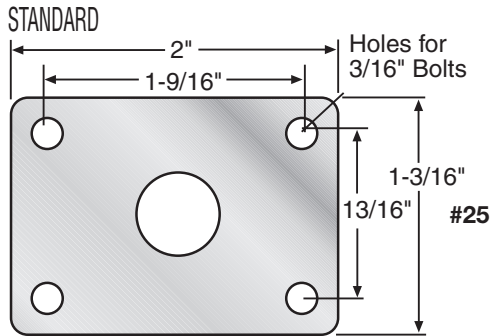


HARD RUBBER

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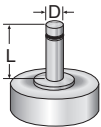


TOP PLATE



STEMS

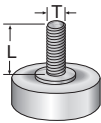
"O" STEM TABLE



Dimension D	Dimension L	Stem Number
*3/8"	1"	O79-38-1
3/8"	1-1/4"	O79-38-114
7/16"	1"	O79-716-1
*7/16"	1-1/4"	O79-716-114
7/16"	1-1/2"	O79-716-112

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

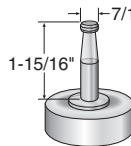
"L" STEM TABLE



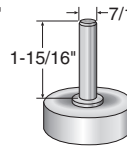
Dimension T	Dimension L	Stem Number
*3/8"-16	1"	L79-3816-1
*3/8"-16	1-1/4"	L79-3816-114
*7/16"-14	1"	L79-71614-1
*7/16"-14	1-1/4"	L79-71614-114

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

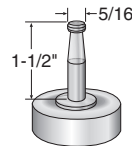
"K" stem



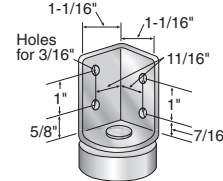
"BF" stem



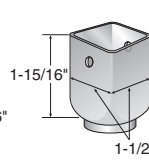
"S" stem



"A12" stem



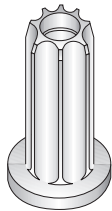
"F6" stem



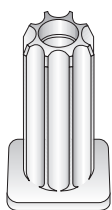
Subtract .083" from overall height for stem casters.

SOCKETS

R-type - Round

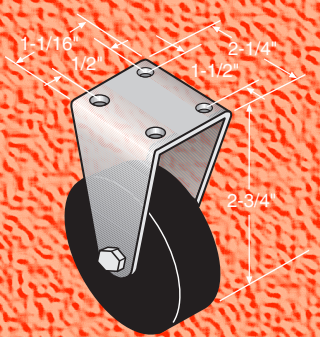


R-type - Square

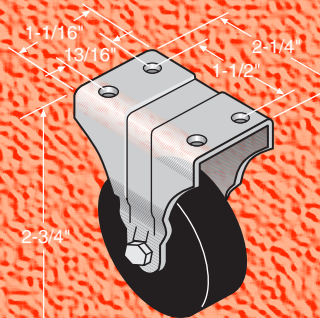


PLASTIC SOCKETS FOR "K" STEM CASTERS

Part Number	Tubing I.D. Round	Tubing I.D. Square	Socket Type
441413	5/8"	19/32"	Round
441414	xxx	5/8"	Square
441411	3/4"	23/32"	Round
441825	25/32"	47/64"	Round
441415	7/8"	27/32"	Round
441416	xxx	7/8"	Square
441409	15/16"	29/32"	Round
441406	1"	15/16"	Round
441826	xxx	1"	Square
441404	1-1/16"	1"	Round



RIGID CASTER
(for 7 Series only)



RIGID CASTER
(for 9 Series only)

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
1 3/4	3/4	60	NEOPRENE RUBBER	ACETAL	7-25-PDN	7-9-PRDN	6	2-3/8	1-1/2
				ROLLER	7-25-TDN	7-9-TRDN			
		75	HI-CAP NEOPRENE	ACETAL	7-25-PKN	7-9-PRKN			
				ROLLER	7-25-TKN	7-9-TRKN			
		85	HARD RUBBER	ACETAL	7-25-PH	7-9-PRH			
				ROLLER	7-25-TH	7-9-TRH			
2	3/4	80	NEOPRENE RUBBER	ACETAL	9-25-PDN	9-11-PRDN	7	2-3/4	1-5/8
				BALL	9-25-XDN	9-11-XRDN			
		ROUND DONUT / NEOPRENE	ACETAL	9-25-PDN-RD	9-11-PRDN-RD				
			ACETAL	9-25-PH	9-11-PRH				
		115	HARD RUBBER	ACETAL	9-25-PH-RD	9-11-PRDN-RD			
				BALL	9-25-XH	9-11-XRH			
3	3/4	80	NEOPRENE RUBBER	ACETAL	11-25-PDN	N/A	7	3-1/4	2-1/8
			HARD RUBBER	ACETAL	11-25-PH	N/A			
		HI-CAP NEOPRENE	ACETAL	11-25-PKN	N/A				



SERIES CARPETMASTER

Load Capacity: 110 to 165 lbs.

Quality Features

- FOUR-SIDED, DOUBLE BALL RACEWAY.**
 Hardened steel ball bearings touch upper and lower swivel raceway "on all four sides." This protects the pin from shock loading for free swiveling under heavy loads.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- THREAD GUARDS.**
 Thread guards keep unwanted materials out of the wheel bearings thus increasing the life of the caster. Thread guards are standard on nearly all Darnell wheels.
- SILENT, DONUT-STYLE WHEELS.**
 Highly resilient Neoprene wheel is extra-soft and is standard with ball bearings for a smooth and quiet ride.
- LUSTROUS DECORATIVE FINISHES.**
 Highly polished chrome finish adds beauty to functionality. Brass and other decorative finishes also available.

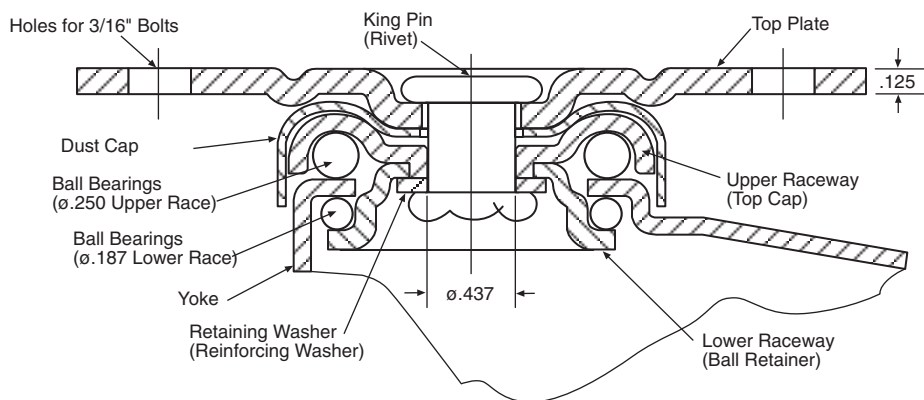
SWIVEL



Options

- Hollow King Pin for bolt mounting
- Powder Coating
- Gray, Non-Marking Wheels
- Conductive or Static Dissipative Wheels

FOUR SIDED DOUBLE BALL BEARING RACEWAY 13 SERIES



Positively the BEST Caster for office chairs or hospital I.V. poles! Our "silent" donut-style wheel is compounded with a highly resilient, extra-soft neoprene rubber which enables this caster to swivel and roll even on heavy pile carpet. Eliminates the need for floor mats under office chairs.

For use on the following:

- Executive High-Back Office Chairs
- Conference Room Chairs
- Ergonomic Work Stations
- High-end Dinettes
- Hospital I.V. Poles

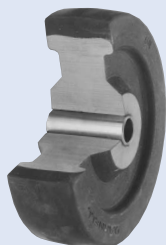
Ball bearing wheels and standard thread guards eliminates snags and prevents dragging. A much better alternative to cheap plastic twin-wheel casters.



Wheel Selection

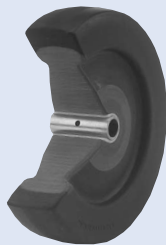
NEOPRENE RUBBER

PAGE 108



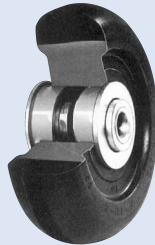
HI-CAP NEOPRENE

PAGE 110



EXTRA-SOFT NEOPRENE

PAGE 114



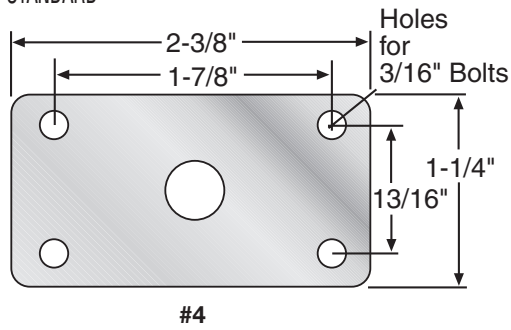
HARD RUBBER

PAGE 112

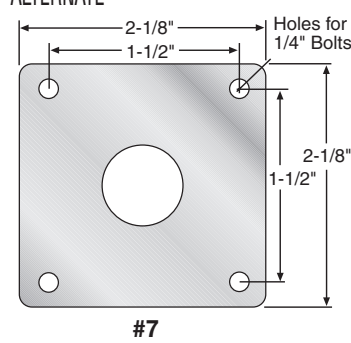


TOP PLATE

STANDARD

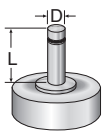


ALTERNATE



STEMS

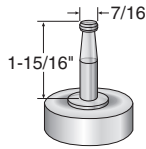
"O" STEM TABLE



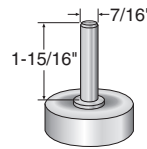
Dimension D	Dimension L	Stem Number
3/8"	1"	O13-38-1
*3/8"	1-1/4"	O13-38-114
7/16"	1"	O13-716-1
7/16"	1-1/4"	O13-716-114
7/16"	1-1/2"	O13-716-112

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

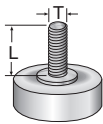
"K" stem



"BF" stem



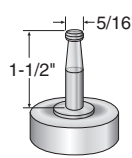
"L" STEM TABLE



Dimension T	Dimension L	Stem Number
3/8"-16	1"	L13-3816-1
*3/8"-16	1-1/4"	L13-3816-114
7/16"-14	1"	L13-71614-1
*7/16"-14	1-1/4"	L13-71614-114

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

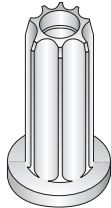
"S" stem



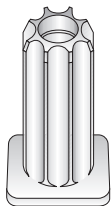
Subtract .125" from overall height for stem casters.

SOCKETS

R-type – Round



R-type – Square



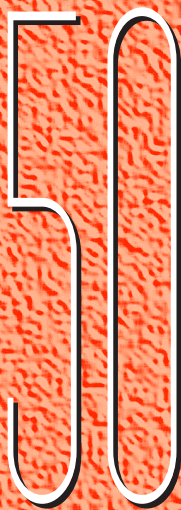
PLASTIC SOCKETS FOR "K" STEM CASTERS

Part Number	Tubing I.D. Round	Tubing I.D. Square	Socket Type
441413	5/8"	19/32"	Round
441414	xxx	5/8"	Square
441411	3/4"	23/32"	Round
441825	25/32"	47/64"	Round
441415	7/8"	27/32"	Round
441416	xxx	7/8"	Square
441409	15/16"	29/32"	Round
441406	1"	15/16"	Round
441826	xxx	1"	Square
441404	1-1/16"	1"	Round

CARPETMASTER
Office Chair



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
3	15/16	110	EXTRA SOFT NEOPRENE	ACETAL	13-0-PEZN-RD	N/A	1	4	3-1/16
				BALL	13-0-XEZN-RD	N/A			
			ROUND DONUT / NEOPRENE	ACETAL	13-0-PDN-RD	N/A			
				BALL	13-0-XDN-RD	N/A			
			STATIC DISSIPATIVE POLYURETHANE	BALL	13-0-XADI-SDX	N/A			
				PLAIN	13-0-BADI-SDX	N/A			
		135	HI-CAP NEOPRENE	ACETAL	13-0-PKN-RD	N/A			
				BALL	13-0-XKN-RD	N/A			
				ACETAL	13-0-PH-RD	N/A			
		165	HARD RUBBER	ACETAL	13-0-PH-RD	N/A			
				BALL	13-0-XH-RD	N/A			



SERIES

Light-Duty Industrial

Load Capacity: 100 to 200 lbs.

Quality Features

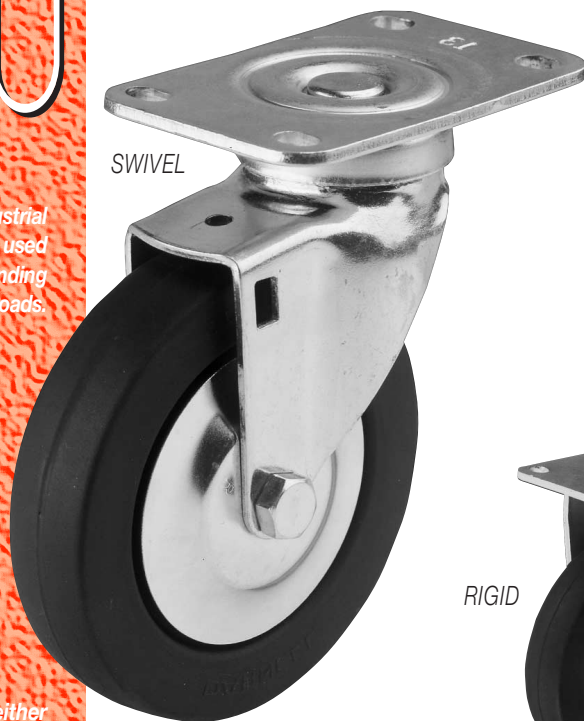
- FOUR-SIDED, DOUBLE BALL RACEWAY.**
 Hardened steel ball bearings touch upper and lower swivel raceway "on all four sides." This protects the pin from shock loading for free swiveling under heavy loads.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- RACEWAY DUST CAP.**
 Dust cap protects the raceway from contamination by dust, dirt, moisture, and other environmental debris. While standard on the 50 Series casters, these are usually not available on most competitive brands.
- THREAD GUARD.**
 Thread guards keep unwanted materials out of the wheel bearings thus increasing the life of the caster. Thread guards are standard on nearly all 50 Series wheels.

Sturdy light-duty casters for industrial furniture and equipment that is used frequently under demanding conditions and heavier loads.

Typical Applications Include:

- Tool Chests
- Laundry Carts
- Metal Shop Equipment
- Disk Storage Devices
- Utility Tables
- Audio/Visual Stands
- Cafeteria Tables
- Food Serving Carts

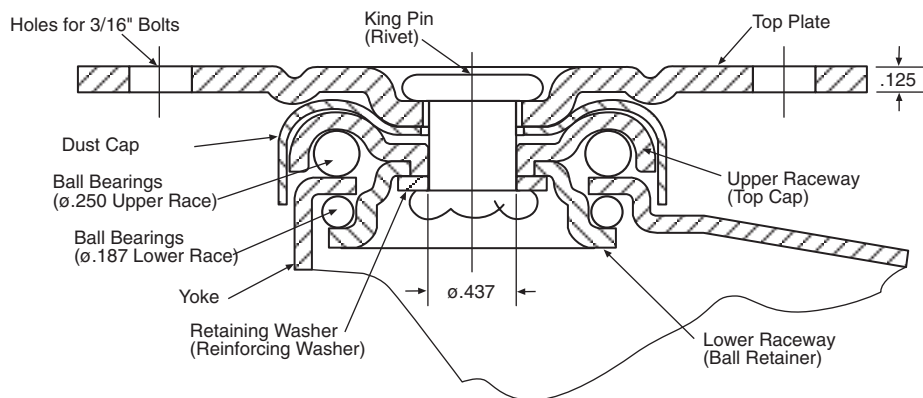
Available in either corrosion-resistant zinc plated steel or corrosion-free Stainless Steel. Simply the toughest caster for demanding light-duty applications.



Options

- Maintenance Free Swivel Bearings
- High-Temperature Wheels (+550°F)
- Conductive Wheels
- Gray, Non-Marking Wheels
- Powder Coated Finishes

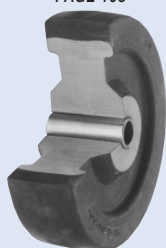
FOUR SIDED DOUBLE BALL BEARING RACEWAY 50 SERIES



Wheel Selection

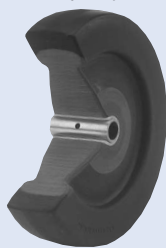
NEOPRENE RUBBER

PAGE 108



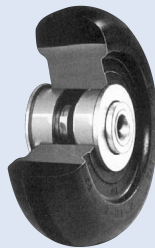
HI-CAP NEOPRENE

PAGE 110



EXTRA-SOFT NEOPRENE

PAGE 114



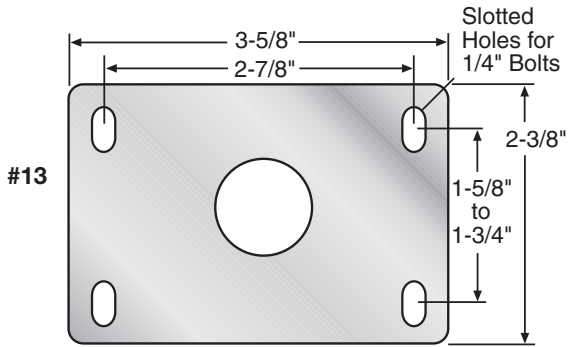
HARD RUBBER

PAGE 112

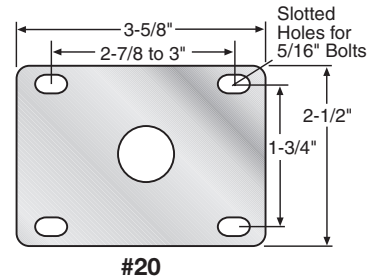
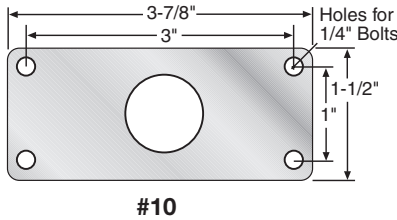
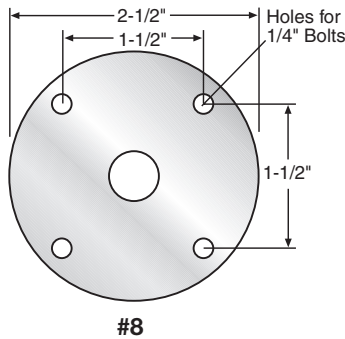
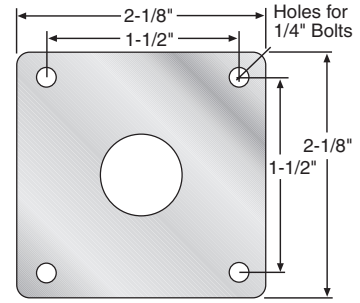
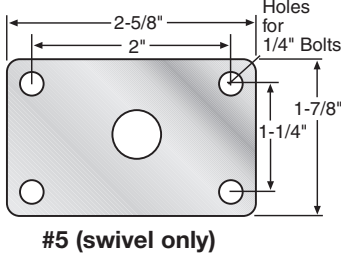
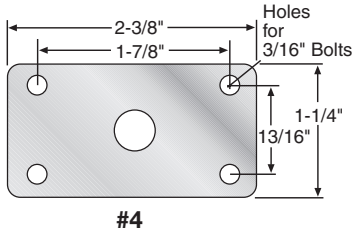


TOP PLATE

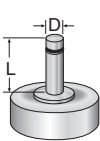
STANDARD



ALTERNATES



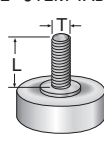
"O" STEM TABLE



Dimension D	Dimension L	Stem Number
3/8"	1"	O50-38-1
3/8"	1-1/4"	O50-38-114
7/16"	1"	O50-716-1
7/16"	1-1/4"	O50-716-114
7/16"	1-1/2"	O50-716-112

Other stem sizes and dimensions available.

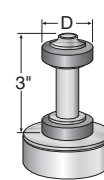
"L" STEM TABLE



Dimension T	Dimension L	Stem Number
3/8"-16	3/4"	L50-3816-34
3/8"-16	1"	L50-3816-1
3/8"-16	1-1/4"	L50-3816-114
7/16"-14	1"	L50-71614-1
7/16"-14	1-1/4"	L50-71614-114
1/2"-13	1-1/2"	L50-1213-112

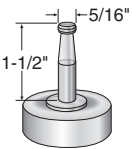
Other stem sizes and dimensions available.

"E" STEM TABLE



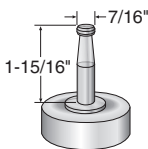
Dimension D	
ROUND	SQUARE
3/4"	3/4"
7/8"	7/8"
1"	1"
1-1/16"	1-1/8"
1-1/8"	1-1/4"
1-1/4"	1-3/8"
1-3/8"	1-1/2"
1-7/16"	1-5/8"
1-1/2"	1-3/4"
1-9/16"	2"
1-5/8"	
1-3/4"	
1-7/8"	
1.9"	

**"S" stem
Special Order**



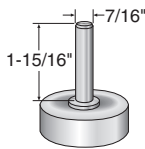
2" and 2-1/2" only

"K" stem

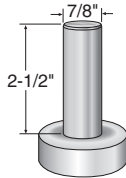


2" and 2-1/2" only

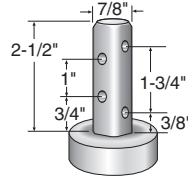
**"BF" stem
Special Order**



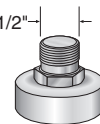
"7/8" round" stem



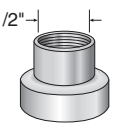
"7/8" square" stem



"LP" stem



"LPC" stem

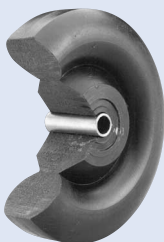


Subtract .125" from overall height for stem casters.

POLYOLEFIN HUB

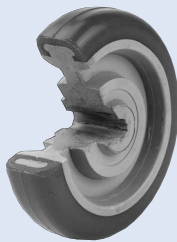
POLYOLEFIN

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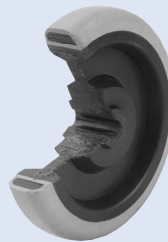
POLYURETHANE

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THERMO PLASTIC RUBBER

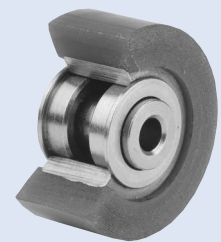
PAGE 124



CAST IRON HUB

POLYURETHANE

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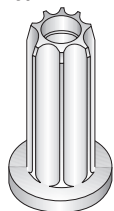
Light-Duty Industrial

50

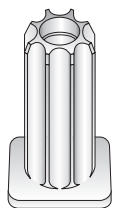
SERIES **continued**

SOCKETS

R-type – Round



R-type – Square



PLASTIC SOCKETS FOR "K" STEM CASTERS

Part Number	Tubing I.D. Round	Tubing I.D. Square	Socket Type
441413	5/8"	19/32"	Round
441414	xxx	5/8"	Square
441411	3/4"	23/32"	Round
441825	25/32"	47/64"	Round
441415	7/8"	27/32"	Round
441416	xxx	7/8"	Square
441409	15/16"	29/32"	Round
441406	1"	15/16"	Round
441826	xxx	1"	Square
441404	1-1/16"	1"	Round

Members of:



UNDERWRITERS
LABORATORY

INSTITUTE OF CASTER
MANUFACTURERS



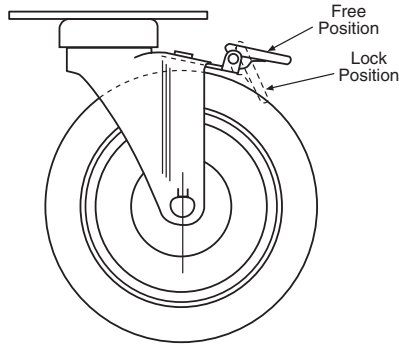
INDUSTRY MANUFACTURERS COUNCIL



NATIONAL SANITATION
FOUNDATION

BRAKES

Wheel Lock Brake (WL)

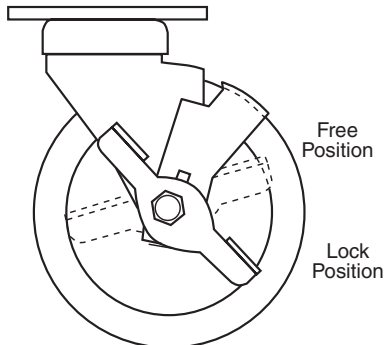


For 2", 2-1/2", 3", 4", and 5".

Wheel Lock Brake

This simple, but effective nylon wheel lock is designed especially for light duty institutional market. (ie. hospitals, schools, offices, etc.) Most effective on casters with soft wheels. Requires only a slight pressure downward to engage the wheel lock and an equally slight pressure upwards to disengage it.

Radial Brake (RB)

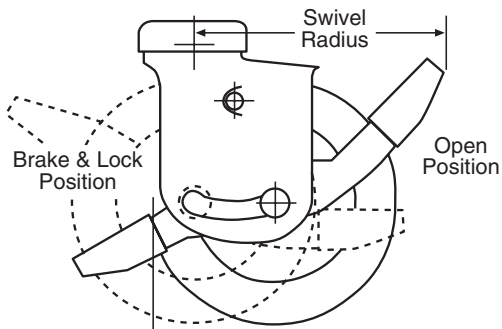


For 3", 4" and 5" only.

Radial Brake

Exceptional brake for light and medium duty applications, either industrial or institutional. Side pedal engages tread lock to restrain wheel movement. Brake kit available for field installation.

Combination Swivel & Wheel Brake (CB)



For 3", 4" and 5" only.

Combination Swivel & Wheel Brake

This foot lever operated combination swivel lock and wheel brake maintains the same height whether the brake is engaged or in the released position. Also, the same height is maintained when used with its companion casters as the swivel or rigid. For easy operation by simply stepping on the foot lever in the high position and reversing the action to release the brake to a free rolling position.

Light-Duty Industrial



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
2	1	100	NEOPRENE RUBBER	ACETAL	52-13-PDN	52-13-PRDN	1	2-7/8	1-13/16
				BALL	52-13-XDN	52-13-XRDN			
			HI-CAP NEOPRENE	ACETAL	52-13-PKN	52-13-PRKN			
				BALL	52-13-XKN	52-13-XRKN			
			ROUND DONUT / NEOPRENE	ACETAL	52-13-PDN-RD	52-13-PRDN-RD			
				ACETAL	52-13-PH	52-13-PRH			
		150	HARD RUBBER	ACETAL	52-13-PH-RD	52-13-PRH-RD			
				BALL	52-13-XH	52-13-XRH			
			HI-CAP NEOPRENE	ACETAL	52-13-PKN-RD	52-13-PRKN-RD			
				ACETAL	52-13-PKN-RD	52-13-PRKN-RD			
			CAST IRON	PLAIN	52-13-BCI	52-13-BRCI			
				POLYOLEFIN	PLAIN	52-13-BPO	52-13-BRPO		
200	POLYURETHANE / STEEL HUB	BALL	52-13-XADI-M-CI	52-13-XRADI-M-CI					
		DELIRIN	52-13-DADI-M-CI	52-13-DRADI-M-CI					

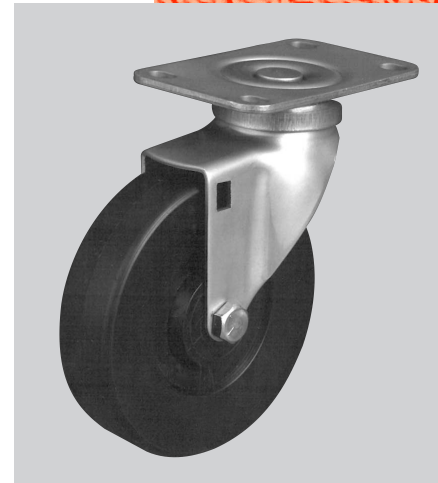
50 Series

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
2 1/2	1	110	NEOPRENE RUBBER	ACETAL	52 1/2-13-PDN	52 1/2-13-PRDN	1-1/8	3-5/8	2
				BALL	52 1/2-13-XDN	52 1/2-13-XRDN			
		140	HI-CAP NEOPRENE	ACETAL	52 1/2-13-PKN	52 1/2-13-PRKN	1-11/16		
				BALL	52 1/2-13-XKN	52 1/2-13-PRKN			
		165	CAST IRON	PLAIN	52 1/2-13-BCI	52 1/2-13-BRCI	1-1/8		
				HARD RUBBER	ACETAL	52 1/2-13-PH			
BALL	52 1/2-13-XH	52 1/2-13-PRH							
3	15/16	110	EXTRA SOFT NEOPRENE	ACETAL	53-13-PEZN-RD	53-13-PREZN-RD	1-3/16	4-1/8	2-7/8
				BALL	53-13-XEZN-RD	53-13-XREZN-RD			
		125	ROUND DONUT / NEOPRENE	ACETAL	53-13-PDN-RD	53-13-PRDN-RD			
				BALL	53-13-XDN-RD	53-13-XRDN-RD			
		165	HARD RUBBER	ACETAL	53-13-PH-RD	53-13-PRH-RD			
				BALL	53-13-XH-RD	53-13-PRH-RD			
	7/8	120	NEOPRENE RUBBER	ACETAL	53-13-PDN	53-13-PRDN	1-1/4		
				BALL	53-13-XDN	53-13-XRDN			
		135	HI-CAP NEOPRENE	ACETAL	53-13-PKN	53-13-PRKN			
				BALL	53-13-XKN	53-13-PRKN			
		165	HARD RUBBER	ACETAL	53-13-PH	53-13-PRH			
				BALL	53-13-XH	53-13-PRH			
		185	POLYOLEFIN	PLAIN	53-13-BPO	53-13-BRPO			
				200	CAST IRON	PLAIN			
1	100	EXTRA SOFT THERMO-PLASTIC RUBBER	BALL			53-13-XPD-M-PO-55	53-13-XRPD-M-PO-55		
			PLAIN	53-13-BPD-M-PO-55	53-13-BRPD-M-PO-55				
	150	THERMO-PLASTIC RUBBER	BALL	53-13-XPD-M-PO	53-13-XRPD-M-PO				
			PLAIN	53-13-BPD-M-PO	53-13-BRPD-M-PO				
200	POLYURETHANE / POLYOLEFIN HUB	BALL	53-13-XADI-M-PO	53-13-XRADI-M-PO					
		PLAIN	53-13-BADI-M-PO	53-13-BRADI-M-PO					
4	15/16	110	EXTRA SOFT NEOPRENE	ACETAL	54-13-PEZN-RD	54-13-PREZN-RD	1-9/16	5-1/8	3-3/8
				BALL	54-13-XEZN-RD	54-13-XREZN-RD			
		125	ROUND DONUT / NEOPRENE	ACETAL	54-13-PDN-RD	54-13-PRDN-RD			
				BALL	54-13-XDN-RD	54-13-XRDN-RD			
		185	HARD RUBBER	ACETAL	54-13-PH-RD	54-13-PRH-RD			
				BALL	54-13-XH-RD	54-13-PRH-RD			
	7/8	120	NEOPRENE RUBBER	ACETAL	54-13-PDN	54-13-PRDN	1-9/16		
				BALL	54-13-XDN	54-13-XRDN			
		135	HI-CAP NEOPRENE	ACETAL	54-13-PKN	54-13-PRKN			
				BALL	54-13-XKN	54-13-PRKN			
		185	HARD RUBBER	ACETAL	54-13-PH	54-13-PRH			
				BALL	54-13-XH	54-13-PRH			
	200	POLYOLEFIN	PLAIN	54-13-BPO	54-13-BRPO				
			200	CAST IRON	PLAIN	54-13-BCI	54-13-BRCI		
	1	110			EXTRA SOFT THERMO-PLASTIC RUBBER	BALL	54-13-XPD-M-PO-55		
			PLAIN	54-13-BPD-M-PO-55		54-13-BRPD-M-PO-55			
		160	THERMO-PLASTIC RUBBER	BALL	54-13-XPD-M-PO	54-13-XRPD-M-PO			
				PLAIN	54-13-BPD-M-PO	54-13-BRPD-M-PO			
200		POLYURETHANE / POLYOLEFIN HUB	BALL	54-13-XADI-M-PO	54-13-XRADI-M-PO				
			PLAIN	54-13-BADI-M-PO	54-13-BRADI-M-PO				
5	15/16	110	EXTRA SOFT NEOPRENE	ACETAL	55-13-PEZN-RD	55-13-PREZN-RD	2	6-1/8	3-7/8
				BALL	55-13-XEZN-RD	55-13-XREZN-RD			
		125	ROUND DONUT / NEOPRENE	ACETAL	55-13-PDN-RD	55-13-PRDN-RD			
				BALL	55-13-XDN-RD	55-13-XRDN-RD			
		185	HARD RUBBER	ACETAL	55-13-PH-RD	55-13-PRH-RD			
				BALL	55-13-XH-RD	55-13-PRH-RD			
	7/8	120	NEOPRENE RUBBER	ACETAL	55-13-PDN	55-13-PRDN	1-3/4		
				BALL	55-13-XDN	55-13-XRDN			
		135	HI-CAP NEOPRENE	ACETAL	55-13-PKN	55-13-PRKN			
				BALL	55-13-XKN	55-13-PRKN			
		165	HARD RUBBER	ACETAL	55-13-PH	55-13-PRH			
				BALL	55-13-XH	55-13-PRH			
	185	POLYOLEFIN	PLAIN	55-13-BPO	55-13-BRPO				
			200	CAST IRON	PLAIN	55-13-BCI	55-13-BRCI		
	1	120			EXTRA SOFT THERMO-PLASTIC RUBBER	BALL	55-13-XPD-M-PO-55		
			PLAIN	55-13-BPD-M-PO-55		55-13-BRPD-M-PO-55			
		170	THERMO-PLASTIC RUBBER	BALL	55-13-XPD-M-PO	55-13-XRPD-M-PO			
				PLAIN	55-13-BPD-M-PO	55-13-BRPD-M-PO			
200		POLYURETHANE / POLYOLEFIN HUB	BALL	55-13-XADI-M-PO	55-13-XRADI-M-PO				
			PLAIN	55-13-BADI-M-PO	55-13-BRADI-M-PO				



SERIES

Stainless Steel



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
3	7/8	120	NEOPRENE RUBBER	ACETAL	53-13-PDN-SS	53-13-PRDN-SS	1-3/16	4-1/8	2-7/8	
		135	HI-CAP NEOPRENE	ACETAL	53-13-PKN-SS	53-13-PRKN-SS				
		165	HARD RUBBER	ACETAL	53-13-PH-SS	53-13-PRH-SS				
		200	STAINLESS STEEL	PLAIN	53-13-BSS-SS	53-13-BRSS-SS	3-1/2			
	15/16	110	EXTRA SOFT NEOPRENE	ACETAL	53-13-PEZN-RD-SS	53-13-PREZN-RD-SS	1-3/16			
		125	ROUND DONUT / NEOPRENE	ACETAL	53-13-PDN-RD-SS	53-13-PRDN-RD-SS	1-3/16			
	1	1	100	EXTRA SOFT THERMO-PLASTIC RUBBER	PLAIN	53-13-BPD-M-P0-55-SS	53-13-BRPD-M-P0-55-SS			1-1/4
			150	THERMO-PLASTIC RUBBER	PLAIN	53-13-BPD-M-P0-SS	53-13-BRPD-M-P0-SS			1-3/16
			185	POLYOLEFIN	PLAIN	53-13-BPO-SS	53-13-BRPO-SS			1-3/16
			200	POLYURETHANE / POLYOLEFIN HUB	PLAIN	53-13-BADI-M-P0-SS	53-13-BRADI-M-P0-SS			1-1/4
4	7/8	120	NEOPRENE RUBBER	ACETAL	54-13-PDN-SS	54-13-PRDN-SS	1-3/4	5-1/8	3-3/8	
		165	HARD RUBBER	ACETAL	54-13-PH-SS	54-13-PRH-SS				
		185	POLYOLEFIN	PLAIN	54-13-BPO-SS	54-13-BRPO-SS				1-5/16
		200	STAINLESS STEEL	PLAIN	54-13-BSS-SS	54-13-BRSS-SS	5-1/2			
	15/16	125	ROUND DONUT / NEOPRENE	ACETAL	54-13-PDN-RD-SS	54-13-PRDN-RD-SS	1-3/4			
		1	110	EXTRA SOFT THERMO-PLASTIC RUBBER	PLAIN	54-13-BPD-M-P0-55-SS	54-13-BRPD-M-P0-55-SS			1-5/16
	160		THERMO-PLASTIC RUBBER	PLAIN	54-13-BPD-M-P0-SS	54-13-BRPD-M-P0-SS				
	200		POLYURETHANE / POLYOLEFIN HUB	PLAIN	54-13-BADI-M-P0-SS	54-13-BRADI-M-P0-SS				
5	7/8	120	NEOPRENE RUBBER	ACETAL	55-13-PDN-SS	55-13-PRDN-SS	2	6-1/8	3-7/8	
		165	HARD RUBBER	ACETAL	55-13-PH-SS	55-13-PRH-SS				
		185	POLYOLEFIN	PLAIN	55-13-BPO-SS	55-13-BRPO-SS				
		200	STAINLESS STEEL	PLAIN	55-13-BSS-SS	55-13-BRSS-SS	8-1/4			6-7/8
	15/16	125	ROUND DONUT / NEOPRENE	ACETAL	55-13-PDN-RD-SS	55-13-PRDN-RD-SS	2	6-1/8		
		1	120	EXTRA SOFT THERMO-PLASTIC RUBBER	PLAIN	55-13-BPD-M-P0-55-SS	55-13-BRPD-M-P0-55-SS	1-3/4		6-1/4
	170		THERMO-PLASTIC RUBBER	PLAIN	55-13-BPD-M-P0-SS	55-13-BRPD-M-P0-SS				
	200		POLYURETHANE / POLYOLEFIN HUB	PLAIN	55-13-BADI-M-P0-SS	55-13-BRADI-M-P0-SS				

Designed to provide the ultimate
CORROSION PROTECTION

These casters are ideally suited for acetic, nitric and citric acid environments in addition to being well suited for organic and inorganic chemicals, dye stuffs, crude and refined oil environments. Widely accepted in the following industries:

- DAIRY
- BEVERAGE
- FOOD PROCESSING
- PHARMACEUTICALS
- HOSPITALS & MEDICAL
- ANIMAL CAGES

Made with non-magnetic, 303/304 stainless steel.



SERIES

Dual Wheel Piano Casters

Load Capacity: 160 to 230 lbs.

Quality Features

- FOUR-SIDED, DOUBLE BALL RACEWAY.**
 Hardened steel ball bearings touch upper and lower swivel raceway "on all four sides." This protects the pin from shock loading for free swiveling under heavy loads.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- RACEWAY DUST CAP.**
 Dust cap protects the raceway from contamination by dust, dirt, moisture, and other environmental debris. While standard on 50 series casters, these are usually not available on most competitive brands.
- LOW OVERALL HEIGHT.**
 Heavy pianos are supported by two wheels that roll independently to assure easy maneuverability on any floor surface.

These dual wheel piano casters are ideal for home or studio use, on stages, at schools, or anywhere easy movement of pianos is needed. Darnell-Rose piano casters are standard equipment on Steinway grand pianos. Available in the following finishes:

- Bright Zinc (standard)
- Black Oxide
- Antique Brass
- Satin Brass (standard)
- Bright Brass
- Polished Chrome

Piano casters are also available with solid brass wheels in the 7 series and 50 series 2" diameter.

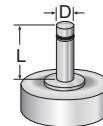


**FOUR SIDED
DOUBLE BALL BEARING
RACEWAY- 40 SERIES**

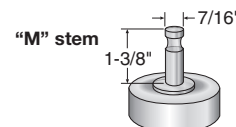
STEMS

"O" STEM TABLE

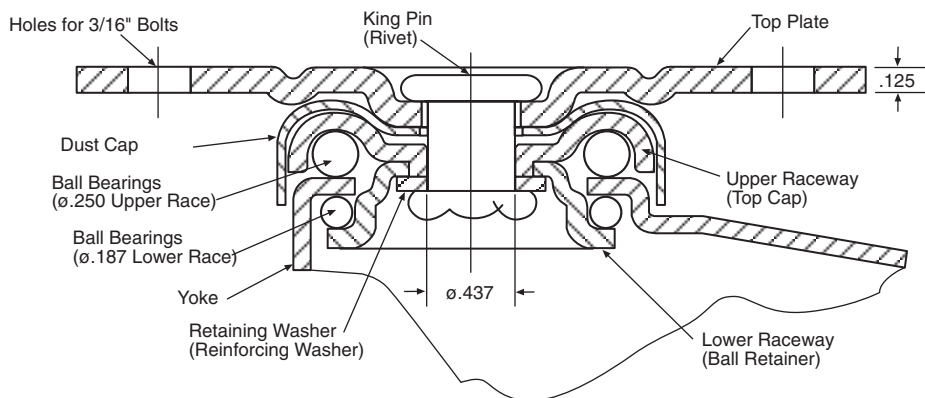
Dimension D	Dimension L	Stem Number
3/8"	1"	O40-38-1
3/8"	1-1/4"	O40-38-114
7/16"	1"	O40-716-1
7/16"	1-1/4"	O40-716-114
7/16"	1-1/2"	O40-716-112



Other stem sizes and dimensions available.



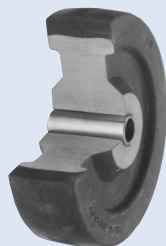
Standard piano stem to fit sockets below stem. Subtract .125" from overall height for stem casters.



Wheel Selection

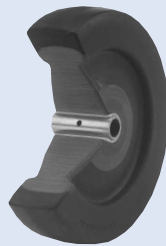
NEOPRENE RUBBER

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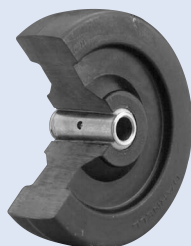
HI-CAP NEOPRENE

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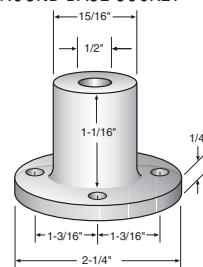
HARD RUBBER

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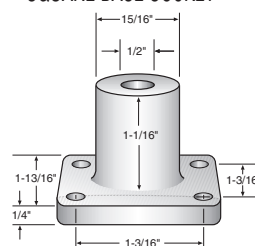


SOCKETS

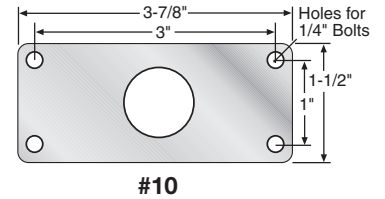
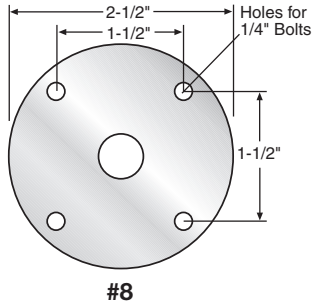
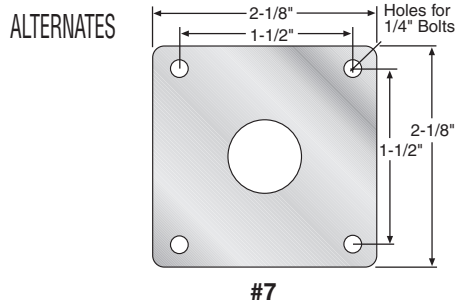
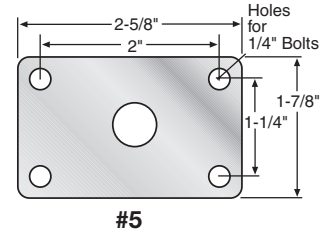
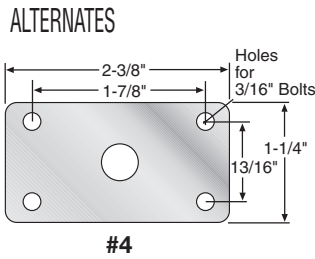
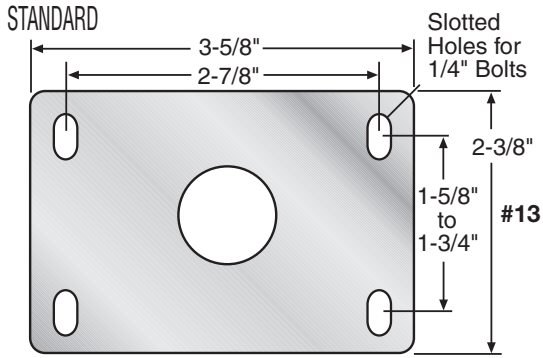
ROUND BASE SOCKET



SQUARE BASE SOCKET



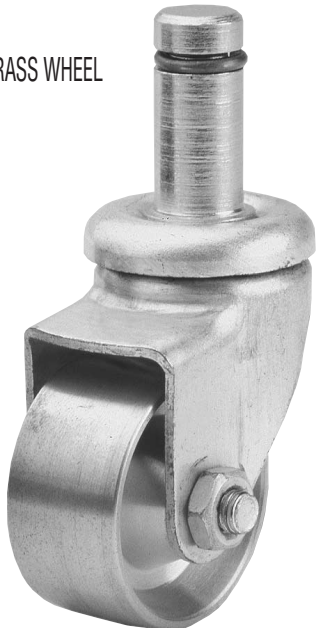
TOP PLATE



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
2	3/4	160	NEOPRENE RUBBER	ACETAL	40-O-PDN	N/A	1	3	1-15/16
				BALL	40-O-XDN	N/A			
				ACETAL	40-13-PDN	N/A			
				BALL	40-13-XDN	N/A			
		200	HI-CAP NEOPRENE	ACETAL	40-O-PKN	N/A			
				BALL	40-O-XKN	N/A			
				ACETAL	40-13-PKN	N/A			
				BALL	40-13-XKN	N/A			
		230	HARD RUBBER	ACETAL	40-O-PH	N/A			
				BALL	40-O-XH	N/A			
				ACETAL	40-13-PH	N/A			
				BALL	40-13-XH	N/A			

Additional Single Wheel Piano Casters

7 SERIES
WITH SOLID BRASS WHEEL

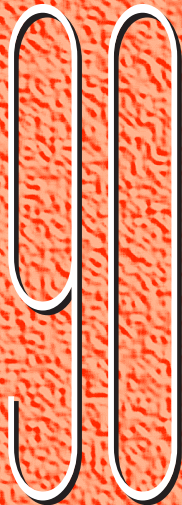


52 SERIES
WITH BLACK OXIDE FINISH



Piano Casters





SERIES

Twin Lock Casters

Load Capacity: 160 to 300 lbs.

Quality Features

- **LOCKS WHEEL & SWIVEL SIMULTANEOUSLY.**
Sturdy brake pedal is located above the wheel for easy access. Simply step down to apply, set again to release. Locks both wheel and swivel at the same time.
- **CHOICE OF STAINLESS STEEL OR ZINC PLATED.**
Applications in normal environments use stainless steel for maximum protection.
- **VARIETY OF MOUNTING ATTACHMENTS.**
Wide assortment of stem and mounting plate options to fit nearly all types of carts and equipment. Economical hollow king pin is also available with a 5/8" hole in swivel for inserting a bolt.
- **TWO-PIECE RIGID CASTER.**
Rigid caster utilizes a welded top plate and yoke design instead of a one-piece stamped yoke as used on competitive brands.
- **THREAD GUARDS.**
Keeps unwanted materials out of the wheel bearings thus increasing the life of the caster. Available only on zinc plated casters.

SWIVEL



RIGID



Options

- Grease Seals for Swivel Raceways
- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-Marking Wheels
- Powder Coated Finishes

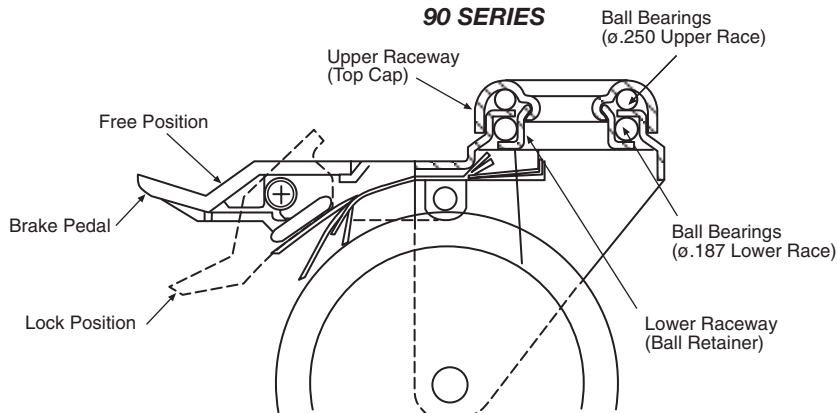
Twin Lock casters restrain movable equipment by locking both the wheel and the swivel in one easy step. Simply step down to lock, step again to release. No other caster combines this much braking action with ease of use. Available with a wide variety of stems and mounting plates, as well as the 5/8" hollow king pin for inserting a bolt.

Typical uses include:

- Medical Carts & Equipment
- Photography Lighting
- Wire Shelving Trucks
- Food Serving Carts
- Modular Frame Systems
- Electronics Equipment

Available in either corrosion resistant Zinc Plated Steel or in Stainless Steel for maximum corrosion protection.

DOUBLE BALL BEARING SWIVEL RACEWAY 90 SERIES



Wheel Selection

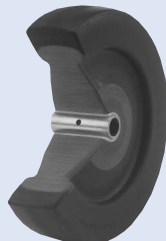
NEOPRENE RUBBER

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HI-CAP NEOPRENE

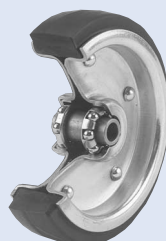
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NEOPRENE OR POLYURETHANE

STEEL DISC

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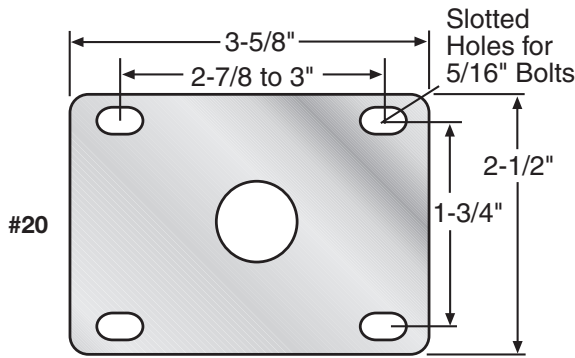
HARD RUBBER

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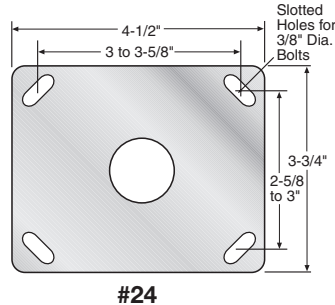
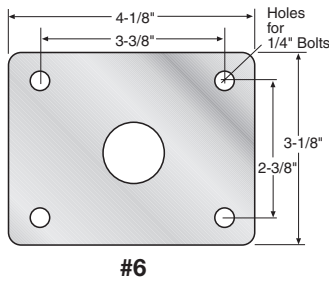
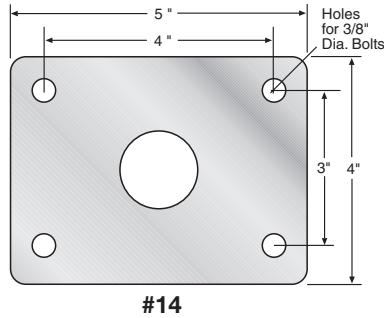
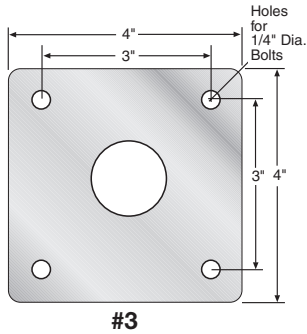


TOP PLATE

STANDARD



ALTERNATES

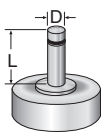


Twin Lock Casters



STEMS

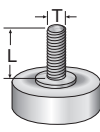
“O” STEM TABLE



Dimension D	Dimension L	Stem Number
*1/2"	1-1/2"	O90-12-112
*5/8"	2"	O90-58-2
*3/4"	2"	O90-34-2
*7/8"	2"	O90-78-2
*1"	2-1/2"	O90-1-212

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

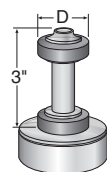
“L” STEM TABLE



Dimension T	Dimension L	Stem Number
*1/2"-13	1-1/2"	L90-1213-112
*1/2"-13	2"	L90-1213-2
*5/8"-11	2"	L90-5811-2
5/8"-11	2-1/2"	L90-5811-212
*3/4"-10	1-1/2"	L90-3410-112
*3/4"-10	2"	L90-3410-2
*3/4"-10	2-1/2"	L90-3410-212

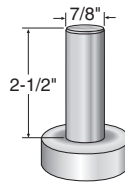
Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

“E” STEM TABLE

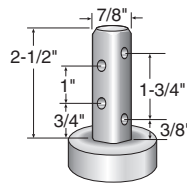


Dimension D	
ROUND	SQUARE
3/4"	3/4"
7/8"	7/8"
1"	1"
1-1/16"	1-1/8"
1-1/8"	1-1/4"
1-1/4"	1-3/8"
1-3/8"	1-1/2"
1-7/16"	1-5/8"
1-1/2"	1-3/4"
1-9/16"	2"
1-5/8"	
1-3/4"	
1-7/8"	
1.9"	

“7/8” round” stem



“7/8” square” stem

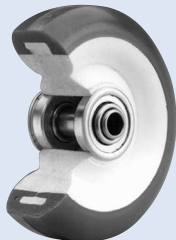


Subtract .187" from overall height for stem casters.

POLYOLEFIN HUB

POLYURETHANE

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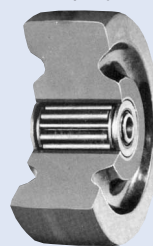
THERMO PLASTIC RUBBER

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PHENOLIC

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POLYOLEFIN

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90 Series

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Twin Lock Part Number	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius			
3 1/2	1 1/4	200	NEOPRENE RUBBER	ACETAL	93 1/2-20-PDN-TL	93 1/2-20-PDN	93 1/2-20-PRDN	2-1/4	5	3-1/16			
			BALL	93 1/2-20-XDN-TL	93 1/2-20-XDN	93 1/2-20-XRDN							
		250	HI-CAP NEOPRENE	ACETAL	93 1/2-20-PKN-TL	93 1/2-20-PKN	93 1/2-20-PRKN						
			BALL	93 1/2-20-XKN-TL	93 1/2-20-XKN	93 1/2-20-XRKN							
		300	HARD RUBBER	ACETAL	93 1/2-20-PH-TL	93 1/2-20-PH	93 1/2-20-PRH						
			PHENOLIC	ROLLER	93 1/2-20-TPR-TL	93 1/2-20-TPR	93 1/2-20-TRPR						
	1 3/8	160	EXTRA SOFT THERMO-PLASTIC RUBBER	BALL	93 1/2-20-XPD-M-PO-55-TL	93 1/2-20-XPD-M-PO-55	93 1/2-20-XRPD-M-PO-55	2-1/8					
			DELTRIN	93 1/2-20-DPD-M-PO-55-TL	93 1/2-20-DPD-M-PO-55	93 1/2-20-DRPD-M-PO-55							
		240	THERMO-PLASTIC RUBBER	BALL	93 1/2-20-XPD-M-PO-TL	93 1/2-20-XPD-M-PO	93 1/2-20-XRPD-M-PO						
			DELTRIN	93 1/2-20-DPD-M-PO-TL	93 1/2-20-DPD-M-PO	93 1/2-20-DRPD-M-PO							
		250	POLYOLEFIN	BALL	93 1/2-20-XPO-TL	93 1/2-20-XPO	93 1/2-20-XRPO						
				PLAIN	93 1/2-20-BPO-TL	93 1/2-20-BPO	93 1/2-20-BRPO						
		300	POLYURETHANE / POLYOLEFIN HUB	BALL	93 1/2-20-XADI-M-PO-TL	93 1/2-20-XADI-M-PO	93 1/2-20-XRADI-M-PO						
				DELTRIN	93 1/2-20-DADI-M-PO-TL	93 1/2-20-DADI-M-PO	93 1/2-20-DRADI-M-PO						
4	1 1/4	175	EXTRA SOFT NEOPRENE	BALL	94-20-XEZN-RD-TL	94-20-XEZN-RD	94-20-XREZN-RD	2-1/2	5-5/8	3-5/16			
			DELTRIN	94-20-DEZN-RD-TL	94-20-DEZN-RD	94-20-DREZN-RD							
		200	NEOPRENE RUBBER	ACETAL	94-20-PDN-TL	94-20-PDN	94-20-PRDN						
			BALL	94-20-XDN-TL	94-20-XDN	94-20-XRDN							
		250	HI-CAP NEOPRENE	ACETAL	94-20-PKN-TL	94-20-PKN	94-20-PRKN						
			BALL	94-20-XKN-TL	94-20-XKN	94-20-XRKN							
	300	HARD RUBBER	ACETAL	94-20-PH-TL	94-20-PH	94-20-PRH							
		PHENOLIC	ROLLER	94-20-TPR-TL	94-20-TPR	94-20-TRPR							
	1 3/8	170	EXTRA SOFT THERMO-PLASTIC RUBBER	BALL	94-20-XPD-M-PO-55-TL	94-20-XPD-M-PO-55	94-20-XRPD-M-PO-55	2-3/5					
			DELTRIN	94-20-DPD-M-PO-55-TL	94-20-DPD-M-PO-55	94-20-DRPD-M-PO-55							
		250	THERMO-PLASTIC RUBBER	BALL	94-20-XPD-M-PO-TL	94-20-XPD-M-PO	94-20-XRPD-M-PO						
			DELTRIN	94-20-DPD-M-PO-TL	94-20-DPD-M-PO	94-20-DRPD-M-PO							
		300	POLYOLEFIN	BALL	94-20-XPO-TL	94-20-XPO	94-20-XRPO						
				PLAIN	94-20-BPO-TL	94-20-BPO	94-20-BRPO						
	300	POLYURETHANE / POLYOLEFIN HUB	BALL	94-20-XADI-M-PO-TL	94-20-XADI-M-PO	94-20-XRADI-M-PO							
			DELTRIN	94-20-DADI-M-PO-TL	94-20-DADI-M-PO	94-20-DRADI-M-PO							
	5	1 1/4	175	EXTRA SOFT NEOPRENE	BALL	95-20-XEZN-RD-TL	95-20-XEZN-RD	95-20-XREZN-RD			3-1/2	6-5/8	3-13/16
				DELTRIN	95-20-DEZN-RD-TL	95-20-DEZN-RD	95-20-DREZN-RD						
200			NEOPRENE RUBBER	ACETAL	95-20-PDN-TL	95-20-PDN	95-20-PRDN						
			BALL	95-20-XDN-TL	95-20-XDN	95-20-XRDN							
250			HI-CAP NEOPRENE	ACETAL	95-20-PKN-TL	95-20-PKN	95-20-PRKN						
			BALL	95-20-XKN-TL	95-20-XKN	95-20-XRKN							
300		HARD RUBBER	ACETAL	95-20-PH-TL	95-20-PH	95-20-PRH							
		PHENOLIC	ROLLER	95-20-TPR-TL	95-20-TPR	95-20-TRPR							
1 3/8		180	EXTRA SOFT THERMO-PLASTIC RUBBER	BALL	95-20-XPD-M-PO-55-TL	95-20-XPD-M-PO-55	95-20-XRPD-M-PO-55	3-3/5					
			DELTRIN	95-20-DPD-M-PO-55-TL	95-20-DPD-M-PO-55	95-20-DRPD-M-PO-55							
		275	THERMO-PLASTIC RUBBER	BALL	95-20-XPD-M-PO-TL	95-20-XPD-M-PO	95-20-XRPD-M-PO						
			DELTRIN	95-20-DPD-M-PO-TL	95-20-DPD-M-PO	95-20-DRPD-M-PO							
		300	POLYOLEFIN	BALL	95-20-XPO-TL	95-20-XPO	95-20-XRPO						
				PLAIN	95-20-BPO-TL	95-20-BPO	95-20-BRPO						
300		POLYURETHANE / POLYOLEFIN HUB	BALL	95-20-XADI-M-PO-TL	95-20-XADI-M-PO	95-20-XRADI-M-PO							
			DELTRIN	95-20-DADI-M-PO-TL	95-20-DADI-M-PO	95-20-DRADI-M-PO							

Members of:



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**MATERIAL HANDLING
INDUSTRY
OF AMERICA**



Inflight
Food Service
Association



**WORLDWIDE
D-I-Y COUNCIL**



icm
INSTITUTE OF CASTER
MANUFACTURERS



UL
UNDERWRITERS
LABORATORY



INDUSTRY MANUFACTURERS COUNCIL



nafem



SERIES

Stainless Steel



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Twin Lock Part Number	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
		LBS						LBS		
3 1/2	1 1/4	200	NEOPRENE RUBBER	ACETAL	93 1/2-20-PDN-SS-TL	93 1/2-20-PDN-SS	93 1/2-20-PRDN-SS	2-1/4	5	3-1/16
		250	HI-CAP NEOPRENE	ACETAL	93 1/2-20-PKN-SS-TL	93 1/2-20-PKN-SS	93 1/2-20-PRKN-SS			
		300	HARD RUBBER	ACETAL	93 1/2-20-PH-SS-TL	93 1/2-20-PH-SS	93 1/2-20-PRH-SS			
	1 3/8	160	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	93 1/2-20-DPR-SS-TL	93 1/2-20-DPR-SS	93 1/2-20-DRPR-SS	2-1/8		
		240	THERMO-PLASTIC RUBBER	DELIRIN	93 1/2-20-DPD-M-PO-SS-TL	93 1/2-20-DPD-M-PO-SS	93 1/2-20-DRPD-M-PO-SS			
		250	POLYOLEFIN	PLAIN	93 1/2-20-BPO-SS-TL	93 1/2-20-BPO-SS	93 1/2-20-BRPO-SS			
4	1 1/4	300	PHENOLIC	DELIRIN	93 1/2-20-DPR-SS-TL	93 1/2-20-DPR-SS	93 1/2-20-DRPR-SS	2-1/4		
		175	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	93 1/2-20-DPD-M-PO-SS-TL	93 1/2-20-DPD-M-PO-SS	93 1/2-20-DRPD-M-PO-SS			
		200	NEOPRENE RUBBER	ACETAL	94-20-PDN-SS-TL	94-20-PDN-SS	94-20-PRDN-SS			
		250	HI-CAP NEOPRENE	ACETAL	94-20-PKN-SS-TL	94-20-PKN-SS	94-20-PRKN-SS			
	1 3/8	300	HARD RUBBER	ACETAL	94-20-PH-SS-TL	94-20-PH-SS	94-20-PRH-SS	2-3/5		
		300	PHENOLIC	DELIRIN	94-20-DPR-SS-TL	94-20-DPR-SS	94-20-DRPR-SS			
5	1 1/4	170	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	94-20-DPD-M-PO-SS-TL	94-20-DPD-M-PO-SS	94-20-DRPD-M-PO-SS	3-1/2		
		250	THERMO-PLASTIC RUBBER	DELIRIN	94-20-DPD-M-PO-SS-TL	94-20-DPD-M-PO-SS	94-20-DRPD-M-PO-SS			
		175	EXTRA SOFT NEOPRENE	DELIRIN	95-20-DEZN-RD-SS-TL	95-20-DEZN-RD-SS	95-20-DREZN-RD-SS			
		200	NEOPRENE RUBBER	ACETAL	95-20-PDN-SS-TL	95-20-PDN-SS	95-20-PRDN-SS			
		250	HI-CAP NEOPRENE	ACETAL	95-20-PKN-SS-TL	95-20-PKN-SS	95-20-PRKN-SS			
		300	HARD RUBBER	ACETAL	95-20-PH-SS-TL	95-20-PH-SS	95-20-PRH-SS			
	1 3/8	300	PHENOLIC	DELIRIN	95-20-DPR-SS-TL	95-20-DPR-SS	95-20-DRPR-SS	3-3/5		
		180	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	95-24-DPD-M-PO-SS-TL	95-24-DPD-M-PO-SS	95-24-DRPD-M-PO-SS			
		275	THERMO-PLASTIC RUBBER	DELIRIN	95-24-DPD-M-PO-SS-TL	95-24-DPD-M-PO-SS	95-24-DRPD-M-PO-SS			
		300	POLYOLEFIN	PLAIN	95-20-BPO-SS-TL	95-20-BPO-SS	95-20-BRPO-SS			
		300	POLYURETHANE / POLYOLEFIN HUB	DELIRIN	95-20-DADI-M-PO-SS-TL	95-20-DADI-M-PO-SS	95-20-DRADI-M-PO-SS			
		300	POLYURETHANE / POLYOLEFIN HUB	DELIRIN	95-20-DADI-M-PO-SS-TL	95-20-DADI-M-PO-SS	95-20-DRADI-M-PO-SS			

Designed to provide the ultimate

CORROSION PROTECTION

These casters are ideally suited for acetic, nitric and citric acid environments in addition to being well suited for organic and inorganic chemicals, dye stuffs, crude and refined oil environments. Widely accepted in the following industries:

- DAIRY
- BEVERAGE
- FOOD PROCESSING
- PHARMACEUTICALS
- HOSPITALS & MEDICAL
- ANIMAL CAGES

30

SERIES

Dual-Wheel Industrial

Load Capacity: 200 to 400 lbs.

Quality Features

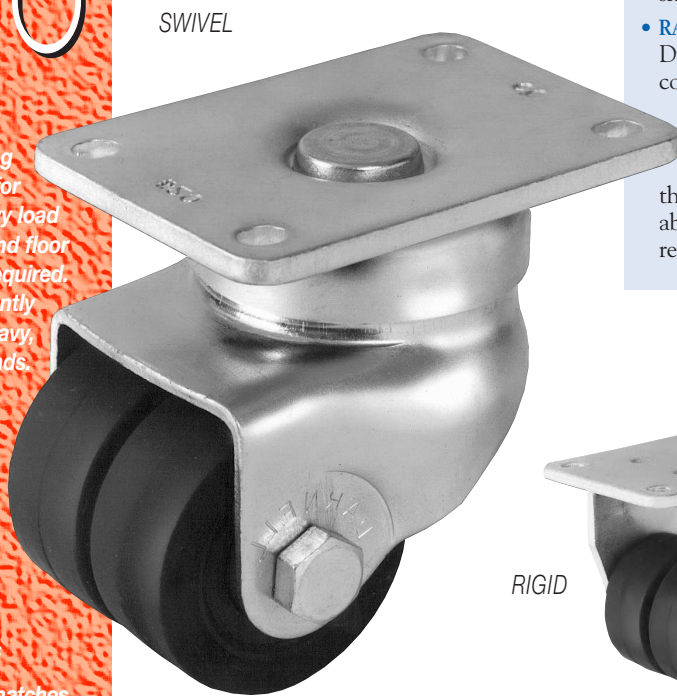
- FOUR-SIDED, DOUBLE BALL RACEWAY.**
 Hardened steel ball bearings touch upper and lower swivel raceway "on all four sides." This protects the pin from shock loading for free swiveling under heavy loads.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- RACEWAY DUST CAP.**
 Dust cap protects the raceway from contamination by dust, dirt, moisture, and other environmental debris.
- LOW OVERALL HEIGHT.**
 Heavy loads are supported by two wheels that roll independently to assure easy maneuverability in applications where a low profile is required.

An exceptionally strong dual-wheel caster for applications where heavy load capacity, low overall height, and floor or carpet protection is required. Each wheel rolls independently for easy swiveling under heavy, low profile loads.

Used extensively on:

- Computer Frames
- Electronic Enclosures
- Copy Machines
- Disk Storage Devices
- Display Racks
- Airport Terminal Stands

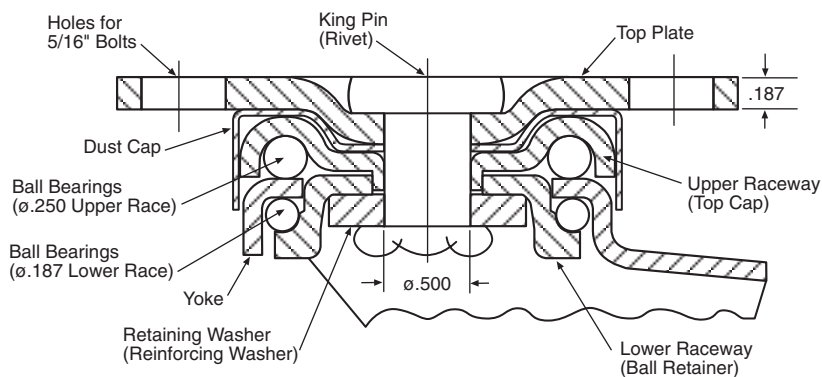
No other low profile caster matches the strength and performance of the 30 series. Available in either standard bright zinc or optional black oxide finishes.



Options

- Thumb-Style Wheel Brake
- Conductive or Static-Dissipative Wheels
- Gray, Non-Marking Wheels
- Power Coated or Black Oxide Finishes
- Maintenance-Free Swivel Bearings

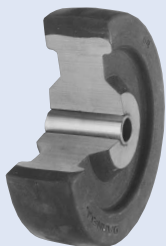
FOUR SIDED DOUBLE BALL BEARING RACEWAY 30 SERIES



Wheel Selection

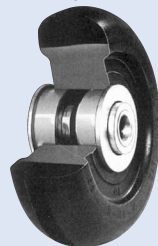
NEOPRENE RUBBER

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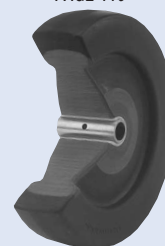
DONUT-STYLE NEOPRENE

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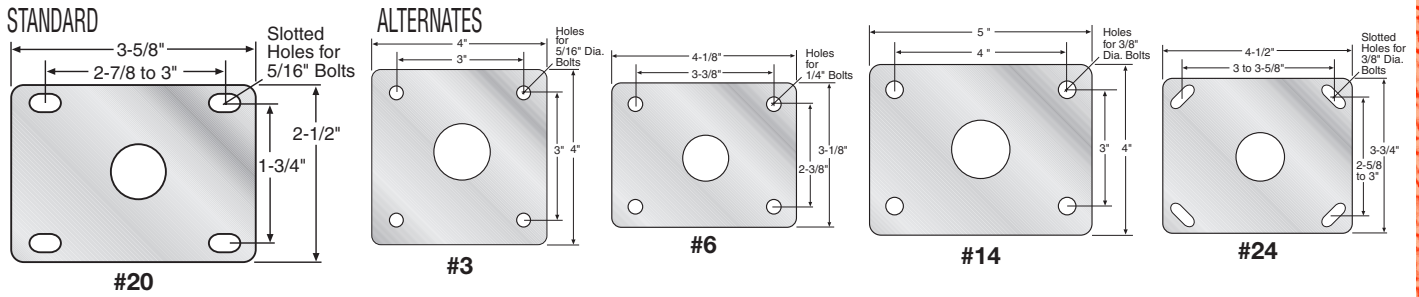


HI-CAP NEOPRENE

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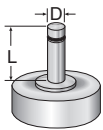


TOP PLATE



STEMS

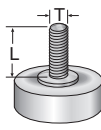
"O" STEM TABLE



Dimension D	Dimension L	Stem Number
*1/2"	1-1/2"	O-12-112
5/8"	2"	O-58-2
*3/4"	2"	O-34-2
7/8"	2"	O-78-2
1"	2-1/2"	O-1-212

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

"L" STEM TABLE



Dimension T	Dimension L	Stem Number
1/2"-13	1-1/2"	L-1213-112
1/2"-13	2"	L-1213-2
5/8"-11	2"	L-5811-2
*5/8"-11	2-1/2"	L-5811-212
3/4"-10	1-1/2"	L-3410-112
3/4"-10	2"	L-3410-2
3/4"-10	2-1/2"	L-3410-212

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

Subtract .187" from overall height for stem casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
2	7/8	250	ROUND DONUT / NEOPRENE	BALL	32-20-XDN-RD	32-20-XRDN-RD	2	3-1/4	2-1/4
			NEOPRENE RUBBER	BALL	32-20-XDN	32-20-XRDN			
			HI-CAP NEOPRENE	BALL	32-20-XKN	32-20-XRKN			
			HARD RUBBER	BALL	32-20-XH	32-20-XRH			
2 1/2	7/8	250	NEOPRENE RUBBER	BALL	32 1/2-20-XDN	32 1/2-20-XRDN	2-1/2	3-3/4	2-5/8
		350	HARD RUBBER	BALL	32 1/2-20-XH	32 1/2-20-XRH			
		400	HI-CAP NEOPRENE	BALL	32 1/2-20-XKN	32 1/2-20-XRKN			
	1 1/4	400	POLYURETHANE / CAST IRON HUB	BALL	32 1/2-20-XADI-M-CI	32 1/2-20-XRADI-M-CI	4		
3	7/8	220	EXTRA SOFT NEOPRENE	ACETAL	33-20-PEZN-RD	33-20-PREZN-RD	2-3/4	7-1/4	3
			BALL	33-20-XEZN-RD	33-20-XREZN-RD				
		250	NEOPRENE RUBBER	ACETAL	33-20-PDN	33-20-PRDN			
			BALL	33-20-XDN	33-20-XRDN				
		350	HARD RUBBER	ACETAL	33-20-PH	33-20-PRH			
			BALL	33-20-XH	33-20-XRH				
		375	HI-CAP NEOPRENE	ACETAL	33-20-PKN	33-20-PRKN			
			BALL	33-20-XKN	33-20-XRKN				
4	7/8	220	EXTRA SOFT NEOPRENE	ACETAL	34-20-PEZN-RD	34-20-PREZN-RD	3	5-1/4	3-1/2
			BALL	34-20-XEZN-RD	34-20-XREZN-RD				
		250	NEOPRENE RUBBER	ACETAL	34-20-PDN	34-20-PRDN			
			BALL	34-20-XDN	34-20-XRDN				
		375	HI-CAP NEOPRENE	ACETAL	34-20-PKN	34-20-PRKN			
			BALL	34-20-XKN	34-20-XRKN				
		400	HARD RUBBER	ACETAL	34-20-PH	34-20-PRH			
			BALL	34-20-XH	34-20-XRH				
5	7/8	220	EXTRA SOFT NEOPRENE	ACETAL	35-20-PEZN-RD	35-20-PREZN-RD	3-1/4	6-1/4	4
			BALL	35-20-XEZN-RD	35-20-XREZN-RD				
		250	NEOPRENE RUBBER	ACETAL	35-20-PDN	35-20-PRDN			
			BALL	35-20-XDN	35-20-XRDN				
		375	HI-CAP NEOPRENE	ACETAL	35-20-PKN	35-20-PRKN			
			BALL	35-20-XKN	35-20-XRKN				
		400	HARD RUBBER	ACETAL	35-20-PH	35-20-PRH			

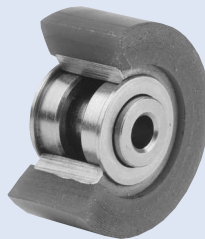
HARD RUBBER

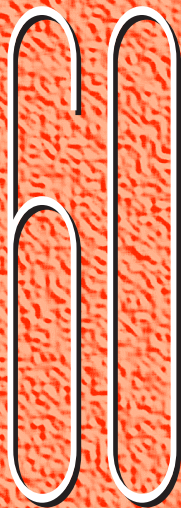
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POLYURETHANE/CAST IRON

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SERIES

Medium Duty

Load Capacity: 175 to 400 lbs.

Quality Features

- FOUR-SIDED, DOUBLE BALL RACEWAY.**
 Hardened steel ball bearings touch upper and lower swivel raceway "on all four sides." This protects the central king pin from shock loading for free swiveling under heavy loads.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are hardened to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- RACEWAY DUST CAP.**
 Dust cap protects the raceway from contamination by dust, dirt, moisture, and other debris.
- TWO-PIECE RIGID CASTER.**
 Rigid caster utilizes a welded top plate and yoke design instead of a one-piece stamped yoke as used on competitive brands.
- THREAD GUARD.**
 Keep unwanted materials out of the wheel bearings thus increasing the life of the caster. Standard on most wheels.



SWIVEL



RIGID

Options

- Cart Washable Grease Seals
- Maintenance Free Swivel Bearings
- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-Marking Wheels
- Powder Coated Finishes

Our most popular series. This exceptional caster has been used for over 75 years in thousands of industrial and institutional applications. All wearing parts are heat treated to last longer, even under the most demanding applications.

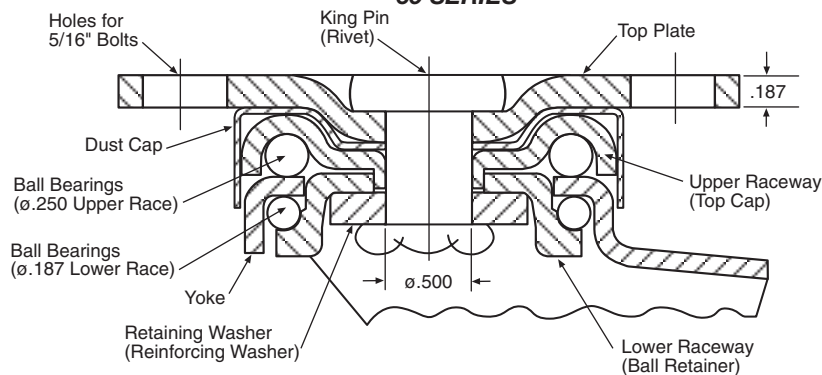
No other caster will outlast or outperform the Darnell 60 Series.

Typical applications include:

- Shop Carts & Equipment
- Wire Carts and Racks
- Food Equipment
- Medical Devices
- Instrument Cases
- Stage & Theater Sets
- Moving Dollies

Standard finish is Zinc Plating. Available with numerous plate and stem options, as well as brakes, swivel locks, special finishes.

FOUR SIDED DOUBLE BALL BEARING RACEWAY 60 SERIES



Wheel Selection

NEOPRENE OR POLYURETHANE

NEOPRENE RUBBER

ADVANCED ELASTOMER

HI-CAP NEOPRENE

EXTRA-SOFT NEOPRENE

HARD RUBBER

STEEL DISC

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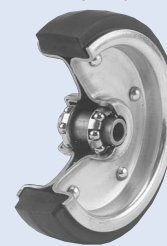
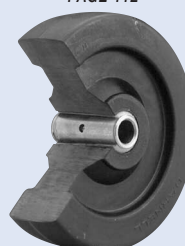
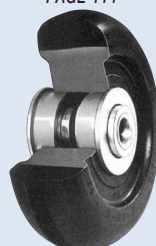
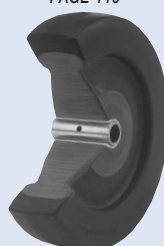
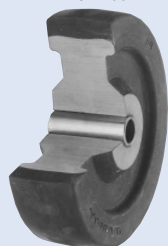
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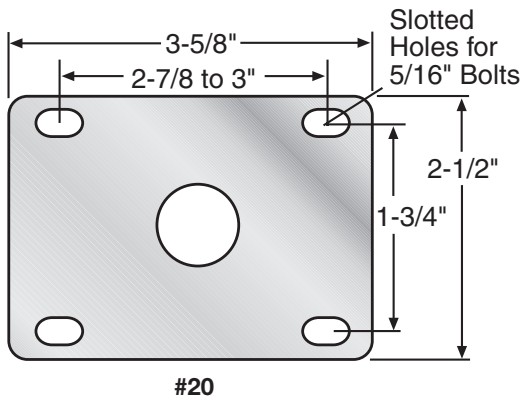
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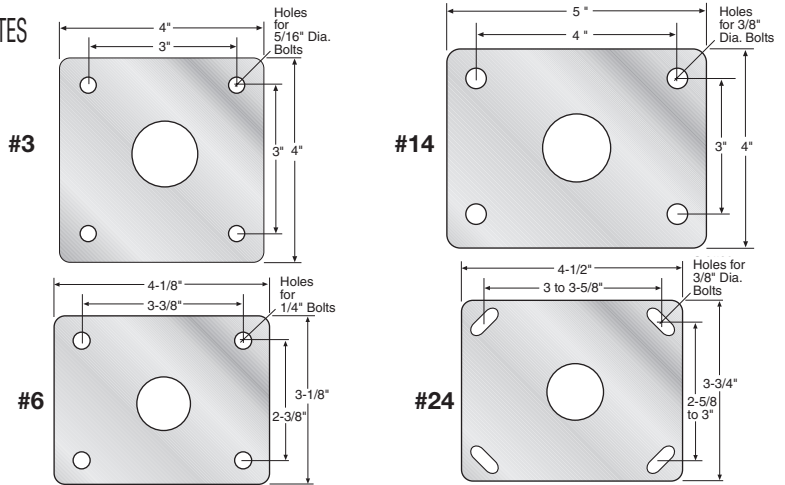


TOP PLATE

STANDARD

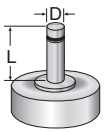


ALTERNATES



STEMS

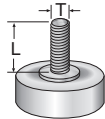
"O" STEM TABLE



Dimension D	Dimension L	Stem Number
*1/2"	1-1/2"	O60-12-112
5/8"	2"	O60-58-2
*3/4"	2"	O60-34-2
7/8"	2"	O60-78-2
1"	2-1/2"	O60-1-212

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

"L" STEM TABLE



Dimension T	Dimension L	Stem Number
1/2"-13	1-1/2"	L60-1213-112
1/2"-13	2"	L60-1213-2
5/8"-11	2"	L60-5811-2
*5/8"-11	2-1/2"	L60-5811-212
3/4"-10	1-1/2"	L60-3410-112
3/4"-10	2"	L60-3410-2
3/4"-10	2-1/2"	L60-3410-212

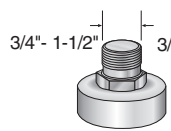
Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

"E" STEM TABLE

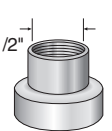
Dimension D	
ROUND	SQUARE
3/4"	3/4"
7/8"	7/8"
1"	1"
1-1/16"	1-1/8"
1-1/8"	1-1/4"
1-1/4"	1-3/8"
1-3/8"	1-1/2"
1-7/16"	1-5/8"
1-1/2"	1-3/4"
1-9/16"	2"
1-5/8"	
1-3/4"	
1-7/8"	
1.9"	

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

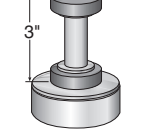
"LP" stem



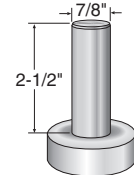
"LPC" stem



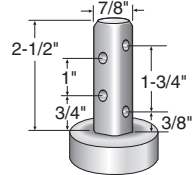
"E" stem



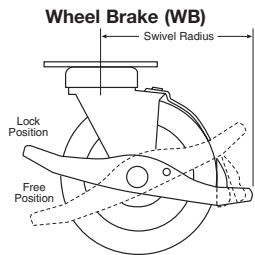
"7/8" round" stem



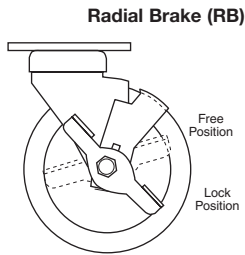
"7/8" square" stem



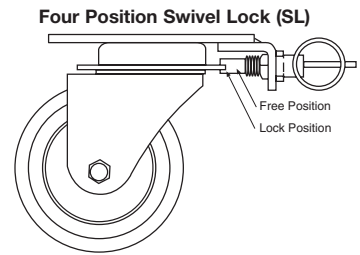
Subtract .187" from overall height for stem casters.



Operates by a foot pedal lever that has a rubber brake pad to form a positive brake action when the brake lever is pressed down to engage. To restore back to the normal position, simply reverse the action to disengage the brake. Easy to operate and trouble free. Not available in 2-1/2".

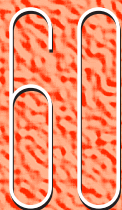


Available on Darnell-Rose's most popular Medium Duty Industrial Casters. Exceptional brake for light and medium duty applications, either industrial or institutional. Side pedal engages tread lock to restrain wheel movement. Brake kit available for field installation. Not available in 2-1/2", 5-1/2", 6" or 8".



A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

CAST IRON HUB	POLYOLEFIN HUB	MOLD-ON POLYURETHANE	POLYURETHANE	THERMO PLASTIC RUBBER	PHENOLIC	POLYOLEFIN	CAST IRON
PAGE 128	PAGE 126	PAGE 122 & 124	PAGE 134	PAGE 136	PAGE 138		



SERIES **continued**

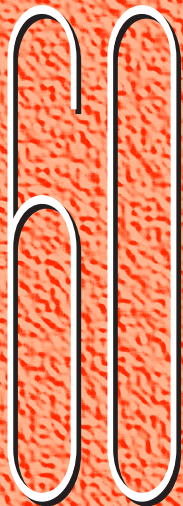
Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
2 1/2	1 1/4	200	NEOPRENE RUBBER	ACETAL	62 1/2-20-PDN	62 1/2-20-PRDN	2	3-3/4	2-3/8	
			BALL	62 1/2-20-XDN	62 1/2-20-XRDN					
		250	HI-CAP NEOPRENE	ACETAL	62 1/2-20-PKN	62 1/2-20-PRKN				
			BALL	62 1/2-20-XKN	62 1/2-20-XRKN					
		300	ADVANCED ELASTOMER	BALL	62 1/2-20-XAE	62 1/2-20-XRAE				
			DELTRIN	62 1/2-20-DAE	62 1/2-20-DRAE					
	400	CAST IRON	PLAIN	62 1/2-20-BCI	62 1/2-20-BRCI	2-1/2				
		HARD RUBBER	ACETAL	62 1/2-20-PH	62 1/2-20-PRH	2				
			BALL	62 1/2-20-XH	62 1/2-20-XRH					
		POLYURETHANE / CAST IRON HUB	BALL	62 1/2-20-XADI-M-CI	62 1/2-20-XRADI-M-CI	2-1/2				
	1 3/8	125	EXTRA SOFT THERMO-PLASTIC RUBBER	BALL	62 1/2-20-DPD-M-PO-55	62 1/2-20-DRPD-M-PO-55	2			
			DELTRIN	62 1/2-20-DPD-M-PO-55	62 1/2-20-DRPD-M-PO-55					
		200	THERMO-PLASTIC RUBBER	BALL	62 1/2-20-DPD-M-PO	62 1/2-20-DRPD-M-PO				
			DELTRIN	62 1/2-20-DPD-M-PO	62 1/2-20-DRPD-M-PO					
225		POLYOLEFIN	BALL	62 1/2-20-XPO	62 1/2-20-XRPO					
		PLAIN	62 1/2-20-BPO	62 1/2-20-BRPO						
300	POLYURETHANE / POLYOLEFIN HUB	BALL	62 1/2-20-XADI-M-PO	62 1/2-20-XRADI-M-PO						
DELTRIN	62 1/2-20-DADI-M-PO	62 1/2-20-DRADI-M-PO								
3	1 1/4	175	EXTRA SOFT NEOPRENE	ACETAL	63-20-PEZN-RD	63-20-PREZN	2-1/4	4-5/16	2-3/4	
			BALL	63-20-XEZN-RD	63-20-XREZN-RD					
		200	NEOPRENE RUBBER	ACETAL	63-20-PDN	63-20-PRDN				
			BALL	63-20-XDN	63-20-XRDN					
		250	HI-CAP NEOPRENE	ACETAL	63-20-PKN	63-20-PRKN				
			BALL	63-20-XKN	63-20-XRKN					
		400	ADVANCED ELASTOMER	BALL	63-20-XAE	63-20-XRAE				
			DELTRIN	63-20-DAE	63-20-DRAE					
			CAST IRON	BALL	63-20-XCI	63-20-XRCI				3
			PLAIN	63-20-BCI	63-20-BRCI					
	HARD RUBBER	ACETAL	63-20-PH	63-20-PRH	2-1/4					
		BALL	63-20-XH	63-20-XRH						
	PHENOLIC	ROLLER	63-20-TPR	63-20-TRPR						
	POLYURETHANE / CAST IRON HUB	BALL	63-20-XADI-M-CI	63-20-XRADI-M-CI						
	PLAIN	63-20-BADI-M-CI	63-20-BRADI-M-CI							
	1 3/8	150	EXTRA SOFT THERMO-PLASTIC RUBBER	BALL	63-20-DPD-M-PO-55	63-20-DRPD-M-PO-55	3			
			DELTRIN	63-20-DPD-M-PO-55	63-20-DRPD-M-PO-55					
		225	THERMO-PLASTIC RUBBER	BALL	63-20-DPD-M-PO	63-20-DRPD-M-PO				
DELTRIN			63-20-DPD-M-PO	63-20-DRPD-M-PO						
240		POLYOLEFIN	PLAIN	63-20-BPO	63-20-BRPO	2-1/4				
		POLYOLEFIN	BALL	63-20-XPO	63-20-XRPO					
300	POLYURETHANE / POLYOLEFIN HUB	BALL	63-20-XADI-M-PO	63-20-XRADI-M-PO						
DELTRIN	63-20-DADI-M-PO	63-20-DRADI-M-PO								
3 1/2	1 1/8	200	STEEL DISC NEOPRENE	BALL	63 1/2-20-XDN-T-SD	63 1/2-20-XRDN-T-SD	2-1/4	4-3/4	3	
		250	STEEL DISC HI-CAP NEOPRENE	BALL	63 1/2-20-XKN-T-SD	63 1/2-20-XRKN-T-SD				
		400	STEEL DISC POLYURETHANE	BALL	63 1/2-20-XADI-T-SD	63 1/2-20-XRADI-T-SD	3			
	1 1/4	200	NEOPRENE RUBBER	ACETAL	63 1/2-20-PDN	63 1/2-20-PRDN	2-1/4			
			BALL	63 1/2-20-XDN	63 1/2-20-XRDN					
		250	HI-CAP NEOPRENE	ACETAL	63 1/2-20-PKN	63 1/2-20-PRKN				
			BALL	63 1/2-20-XKN	63 1/2-20-XRKN					
		400	ADVANCED ELASTOMER	BALL	63 1/2-20-XAE	63 1/2-20-XRAE	3-1/4			
			DELTRIN	63 1/2-20-DAE	63 1/2-20-DRAE					
			CAST IRON	PLAIN	63 1/2-20-BCI	63 1/2-20-BRCI	2-1/4			
			HARD RUBBER	ACETAL	63 1/2-20-PH	63 1/2-20-PRH				
		PHENOLIC	BALL	63 1/2-20-XH	63 1/2-20-XRH					
		POLYURETHANE / CAST IRON HUB	ROLLER	63 1/2-20-TPR	63 1/2-20-TRPR					
		BALL	63 1/2-20-XADI-M-CI	63 1/2-20-XRADI-M-CI	3-1/4					
PLAIN	63 1/2-20-BADI-M-CI	63 1/2-20-BRADI-M-CI								

60 Series

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
		LBS					LBS			
3 1/2	1 3/8	160	EXTRA SOFT-55A THERMO-PLASTIC RUBBER	BALL	63 1/2-20-XPD-M-PO-55	63 1/2-20-XRPD-M-PO-55	3-1/4	4-3/4	3	
			DELTRIN	63 1/2-20-DPD-M-PO-55	63 1/2-20-DRPD-M-PO-55					
		240	THERMO-PLASTIC RUBBER	BALL	63 1/2-20-XPD-M-PO	63 1/2-20-XRPD-M-PO	2-1/4			
			DELTRIN	63 1/2-20-DPD-M-PO	63 1/2-20-DRPD-M-PO					
		265	POLYOLEFIN	PLAIN	63 1/2-20-BPO	63 1/2-20-BRPO	3-1/4			
		300	POLYOLEFIN	BALL	63 1/2-20-XPO	63 1/2-20-XRPO				
360	POLYURETHANE / POLYOLEFIN HUB	BALL	63 1/2-20-XADI-M-PO	63 1/2-20-XRADI-M-PO	3-1/4					
		DELTRIN	63 1/2-20-DADI-M-PO	63 1/2-20-DRADI-M-PO						
4	1 1/8	200	STEEL DISC NEOPRENE	BALL	64-20-XDN-T-SD	64-20-XRDN-T-SD	3-1/2	5-1/4	3-1/4	
			250	STEEL DISC HI-CAP NEOPRENE	BALL	64-20-XKN-T-SD				64-20-XRKN-T-SD
			400	STEEL DISC POLYURETHANE	BALL	64-20-XADI-T-SD				64-20-XRADI-T-SD
	1 1/4	175	EXTRA SOFT NEOPRENE	ACETAL	64-20-PEZN-RD	64-20-PREZN-RD	2-1/2			
			BALL	64-20-XEZN-RD	64-20-XREZN-RD					
		200	NEOPRENE RUBBER	ACETAL	64-20-PDN	64-20-PRDN				
			BALL	64-20-XDN	64-20-XRDN					
		ROUND DONUT / NEOPRENE	ACETAL	64-20-PDN-RD	64-20-PRDN-RD					
			BALL	64-20-XDN-RD	64-20-XRDN-RD					
		250	HI-CAP NEOPRENE	ACETAL	64-20-PKN	64-20-PRKN				
			BALL	64-20-XKN	64-20-XRKN					
		400	ADVANCED ELASTOMER	BALL	64-20-XAE	64-20-XRAE				
				DELTRIN	64-20-DAE	64-20-DRAE				
			CAST IRON	BALL	64-20-XCI	64-20-XRCI				
				PLAIN	64-20-BCI	64-20-BRCI				
	HARD RUBBER	ACETAL	64-20-PH	64-20-PRH						
		BALL	64-20-XH	64-20-XRH						
	PHENOLIC	ROLLER	64-20-TPR	64-20-TRPR						
	POLYURETHANE/CAST IRON HUB	BALL	64-20-XADI-M-CI	64-20-XRADI-M-CI						
	1 3/8	170	EXTRA SOFT-55A THERMO-PLASTIC RUBBER	BALL	64-20-XPD-M-PO-55	64-20-XRPD-M-PO-55	3-1/2			
			DELTRIN	64-20-DPD-M-PO-55	64-20-DRPD-M-PO-55					
250		THERMO-PLASTIC RUBBER	BALL	64-20-XPD-M-PO	64-20-XRPD-M-PO	2-1/2				
		DELTRIN	64-20-DPD-M-PO	64-20-DRPD-M-PO						
375		POLYOLEFIN	PLAIN	64-20-BPO	64-20-BRPO					
		POLYOLEFIN	BALL	64-20-XPO	64-20-XRPO					
400	POLYURETHANE / POLYOLEFIN HUB	BALL	64-20-XADI-M-PO	64-20-XRADI-M-PO	3-1/2					
		DELTRIN	64-20-DADI-M-PO	64-20-DRADI-M-PO						
5	1 1/8	200	STEEL DISC NEOPRENE	BALL	65-20-XDN-T-SD	65-20-XRDN-T-SD	3-1/2	6-1/4	4-1/4	
			250	STEEL DISC HI-CAP NEOPRENE	BALL	65-20-XKN-T-SD				65-20-XRKN-T-SD
			400	STEEL DISC POLYURETHANE	BALL	65-20-XADI-T-SD				65-20-XRADI-T-SD
	1 1/4	175	EXTRA SOFT NEOPRENE	ACETAL	65-20-PEZN-RD	65-20-PREZN-RD	3			
			BALL	65-20-XEZN-RD	65-20-XREZN-RD					
		200	NEOPRENE RUBBER	ACETAL	65-20-PDN	65-20-PRDN				
			BALL	65-20-XDN	65-20-XRDN					
		250	HI-CAP NEOPRENE	ACETAL	65-20-PKN	65-20-PRKN				
			BALL	65-20-XKN	65-20-XRKN					
		400	ADVANCED ELASTOMER	BALL	65-20-XAE	65-20-XRAE				
				DELTRIN	65-20-DAE	65-20-DRAE				
			CAST IRON	BALL	65-20-XCI	65-20-XRCI				
				PLAIN	65-20-BCI	65-20-BRCI				
		HARD RUBBER	ACETAL	65-20-PH	65-20-PRH					
			BALL	65-20-XH	65-20-XRH					
	PHENOLIC	ROLLER	65-20-TPR	65-20-TRPR						
	POLYURETHANE/CAST IRON HUB	BALL	65-20-XADI-M-CI	65-20-XRADI-M-CI						
	1 3/8	180	EXTRA SOFT-55A THERMO-PLASTIC RUBBER	BALL	65-20-XPD-M-PO-55	65-20-XRPD-M-PO-55	4			
			DELTRIN	65-20-DPD-M-PO-55	65-20-DRPD-M-PO-55					
		275	THERMO-PLASTIC RUBBER	BALL	65-20-XPD-M-PO	65-20-XRPD-M-PO	3			
			DELTRIN	65-20-DPD-M-PO	65-20-DRPD-M-PO					
400		POLYOLEFIN	BALL	65-20-XPO	65-20-XRPO					
		POLYURETHANE / POLYOLEFIN HUB	BALL	65-20-XADI-M-PO	65-20-XRADI-M-PO	4-1/2				
DELTRIN	65-20-DADI-M-PO		65-20-DRADI-M-PO							
440	POLYOLEFIN	PLAIN	65-20-BPO	65-20-BRPO	3					
5 1/2	1 1/2	200	EXTRA SOFT NEOPRENE	BALL	65 1/2-20-XEZN-RD	65 1/2-20-XREZN-RD	3-1/2	6-7/8	4-3/4	

60 Series

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
6	1 1/8	200	STEEL DISC NEOPRENE	BALL	66-20-XDN-T-SD	66-20-XRDN-T-SD	4-1/4	7-3/8	5-1/4
		250	STEEL DISC HI-CAP NEOPRENE	BALL	66-20-XKN-T-SD	66-20-XRKN-T-SD			
		400	STEEL DISC POLYURETHANE	BALL	66-20-XADI-T-SD	66-20-XRADI-T-SD			
	1 1/4	200	EXTRA SOFT NEOPRENE	ACETAL	66-20-PEZN-RD	66-20-PREZN-RD	3-3/4		
			NEOPRENE RUBBER	ACETAL	66-20-PDN	66-20-PRDN			
		275	HI-CAP NEOPRENE	ACETAL	66-20-PKN	66-20-PRKN	4-1/2		
				BALL	66-20-XKN	66-20-XRKN			
			CAST IRON	BALL	66-20-XCI	66-20-XRCI			
		400	HARD RUBBER	ACETAL	66-20-PH	66-20-PRH	4-1/2		
				BALL	66-20-XH	66-20-XRH			
			POLYURETHANE / CAST IRON HUB	BALL	66-20-XADI-M-CI	66-20-XRADI-M-CI			
				DELTRIN	66-20-DADI-M-PO	66-20-DRADI-M-PO			
	1 3/8	190	EXTRA SOFT-55A THERMO-PLASTIC RUBBER	BALL	66-20-XPDI-M-PO-55	66-20-XRPDI-M-PO-55	4-1/2		
			THERMO-PLASTIC RUBBER	DELTRIN	66-20-DPDI-M-PO-55	66-20-DRPDI-M-PO-55			
		300	THERMO-PLASTIC RUBBER	BALL	66-20-XPDI-M-PO	66-20-XRPDI-M-PO			
				DELTRIN	66-20-DPDI-M-PO	66-20-DRPDI-M-PO			
		400	POLYOLEFIN	BALL	66-20-XPO	66-20-XRPO			
				PLAIN	66-20-BPO	66-20-BRPO			
	POLYURETHANE / POLYOLEFIN HUB	BALL	66-20-XADI-M-PO	66-20-XRADI-M-PO					
		DELTRIN	66-20-DADI-M-PO	66-20-DRADI-M-PO					
	8	1 1/16	200	EXTRA SOFT NEOPRENE	BALL	68-20-XEZN-RD	68-20-XREZN-RD		



SERIES Stainless Steel



Designed to provide the ultimate
CORROSION PROTECTION

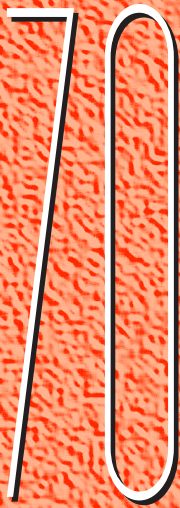
These casters are ideally suited for acetic, nitric and citric acid environments in addition to being well suited for organic and inorganic chemicals, dye stuffs, crude and refined oil environments. Widely accepted in the following industries:

- DAIRY
- BEVERAGE
- FOOD PROCESSING
- PHARMACEUTICALS
- HOSPITALS & MEDICAL
- ANIMAL CAGES

Made with non-magnetic, 303/304 stainless steel.

60 Series Stainless Steel

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
2 1/2	1 1/4	200	NEOPRENE RUBBER	ACETAL	62 1/2-20-PDN-SS	62 1/2-20-PRDN-SS	2	3-3/4	2-3/8	
		400	HARD RUBBER	ACETAL	62 1/2-20-PH-SS	62 1/2-20-PRH-SS	3-1/2			
			STAINLESS STEEL	PLAIN	62 1/2-20-BSS-SS	62 1/2-20-BRSS-SS				
	1 3/8	125	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	62 1/2-20-DPD-M-PO-55-SS	62 1/2-20-DRPD-M-PO-55-SS	2			
		200	THERMO-PLASTIC RUBBER	DELIRIN	62 1/2-20-DPD-M-PO-SS	62 1/2-20-DRPD-M-PO-SS				
		225	POLYOLEFIN	PLAIN	62 1/2-20-BPO-SS	62 1/2-20-BRPO-SS				
		400	ADVANCED ELASTOMER	DELIRIN	62 1/2-20-DAE	62 1/2-20-DRAE				
	400	POLYURETHANE / POLYOLEFIN HUB	DELIRIN	62 1/2-20-DADI-M-PO-SS	62 1/2-20-DRADI-M-PO-SS					
3	1 1/4	175	EXTRA SOFT NEOPRENE	ACETAL	63-20-PEZN-RD-SS	63-20-PREZN-RD-SS	2-1/4	4-15/16	2-3/4	
		200	NEOPRENE RUBBER	ACETAL	63-20-PDN-SS	63-20-PRDN-SS		4-5/16		
		400	ADVANCED ELASTOMER	DELIRIN	63-20-DAE-SS	63-20-DRAE-SS		4-15/16		
			HARD RUBBER	ACETAL	63-20-PH-SS	63-20-PRH-SS		4-5/16		
			PHENOLIC	ROLLER	63-20-TPR-SS	63-20-TRPR-SS				
		400	STAINLESS STEEL	PLAIN	63-20-BSS-SS	63-20-BRSS-SS	4-1/2			
	1 3/8	150	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	63-20-DPD-M-PO-55-SS	63-20-DRPD-M-PO-55-SS	3	4-5/16		
		225	THERMO-PLASTIC RUBBER	DELIRIN	63-20-DPD-M-PO-SS	63-20-DRPD-M-PO-SS				
240		POLYOLEFIN	PLAIN	63-20-BPO-SS	63-20-BRPO-SS					
300		POLYURETHANE / POLYOLEFIN HUB	DELIRIN	63-20-DADI-M-PO-SS	63-20-DRADI-M-PO-SS	4-15/16				
3 1/2	1 1/4	200	NEOPRENE RUBBER	ACETAL	63 1/2-20-PDN-SS	63 1/2-20-PRDN-SS	2-1/4	4-3/4	3	
		250	HI-CAP NEOPRENE	ACETAL	63 1/2-20-PKN-SS	63 1/2-20-PRKN-SS	3-1/4			
		400	ADVANCED ELASTOMER	DELIRIN	63 1/2-20-DAE-SS	63 1/2-20-DRAE-SS				2-1/4
			HARD RUBBER	ACETAL	63 1/2-20-PH-SS	63 1/2-20-PRH-SS	3			
			PHENOLIC	ROLLER	63 1/2-20-TPR-SS	63 1/2-20-TRPR-SS				
		400	STAINLESS STEEL	PLAIN	63 1/2-20-BSS-SS	63 1/2-20-BRSS-SS	5-5/8			
	1 3/8	160	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	63 1/2-20-DPD-M-PO-55-SS	63 1/2-20-DRPD-M-PO-55-SS	3-1/4			
		240	THERMO-PLASTIC RUBBER	DELIRIN	63 1/2-20-DPD-M-PO-SS	63 1/2-20-DRPD-M-PO-SS				
265		POLYOLEFIN	PLAIN	63 1/2-20-BPO-SS	63 1/2-20-BRPO-SS					
360		POLYURETHANE / POLYOLEFIN HUB	DELIRIN	63 1/2-20-DADI-M-PO-SS	63 1/2-20-DRADI-M-PO-SS					
4	1 1/4	175	EXTRA SOFT NEOPRENE	ACETAL	64-20-PEZN-RD-SS	64-20-PREZN-RD-SS	2-1/2	5-1/4	3-1/4	
		200	NEOPRENE RUBBER	ACETAL	64-20-PDN-SS	64-20-PRDN-SS				
		250	HI-CAP NEOPRENE	ACETAL	64-20-PKN-SS	64-20-PRKN-SS				
		400	ADVANCED ELASTOMER	DELIRIN	64-20-DAE-SS	64-20-DRAE-SS				3-1/4
			HARD RUBBER	ACETAL	64-20-PH-SS	64-20-PRH-SS				
	PHENOLIC		ROLLER	64-20-TPR-SS	64-20-TRPR-SS					
		400	STAINLESS STEEL	PLAIN	64-20-BSS-SS	64-20-BRSS-SS	7-1/8			
	1 3/8	170	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	64-20-DPD-M-PO-55-SS	64-20-DRPD-M-PO-55-SS	3-1/2			
		250	THERMO-PLASTIC RUBBER	DELIRIN	64-20-DPD-M-PO-SS	64-20-DRPD-M-PO-SS				
375		POLYOLEFIN	PLAIN	64-20-BPO-SS	64-20-BRPO-SS					
400		POLYURETHANE / POLYOLEFIN HUB	DELIRIN	64-20-DADI-M-PO-SS	64-20-DRADI-M-PO-SS					
5	1 1/4	200	NEOPRENE RUBBER	ACETAL	65-20-PDN-SS	64-20-PRDN-SS	3	6-1/4	4-3/4	
		250	HI-CAP NEOPRENE	ACETAL	65-20-PKN-SS	65-20-PRKN-SS				
		400	ADVANCED ELASTOMER	DELIRIN	65-20-DAE-SS	65-20-DRAE-SS				3-1/2
			HARD RUBBER	ACETAL	65-20-PH-SS	65-20-PRH-SS				
			PHENOLIC	ROLLER	65-20-TPR-SS	65-20-TRPR-SS				
		400	STAINLESS STEEL	PLAIN	65-20-BSS-SS	65-20-BRSS-SS	11-1/2			
	1 3/8	180	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	65-20-DPD-M-PO-55-SS	65-20-DRPD-M-PO-55-SS	4			
		275	THERMO-PLASTIC RUBBER	DELIRIN	65-20-DPD-M-PO-SS	65-20-DRPD-M-PO-SS				
400		POLYURETHANE / POLYOLEFIN HUB	DELIRIN	65-20-DADI-M-PO-SS	65-20-DRADI-M-PO-SS					
440		POLYOLEFIN	PLAIN	65-20-BPO-SS	65-20-BRPO-SS					
6	1 1/4	200	NEOPRENE RUBBER	ACETAL	66-20-PDN-SS	66-20-PRDN-SS	4-1/2	7-3/8	5-1/4	
		275	HI-CAP NEOPRENE	ACETAL	66-20-PKN-SS	66-20-PRKN-SS				
		400	HARD RUBBER	ACETAL	66-20-PH-SS	66-20-PRH-SS				
	1 3/8	190	EXTRA SOFT THERMO-PLASTIC RUBBER	DELIRIN	66-20-DPD-M-PO-55-SS	66-20-DRPD-M-PO-55-SS				
		300	THERMO-PLASTIC RUBBER	DELIRIN	66-20-DPD-M-PO-SS	66-20-DRPD-M-PO-SS				
		400	POLYURETHANE / POLYOLEFIN HUB	DELIRIN	66-20-DADI-M-PO-SS	66-20-DRADI-M-PO-SS				



SERIES

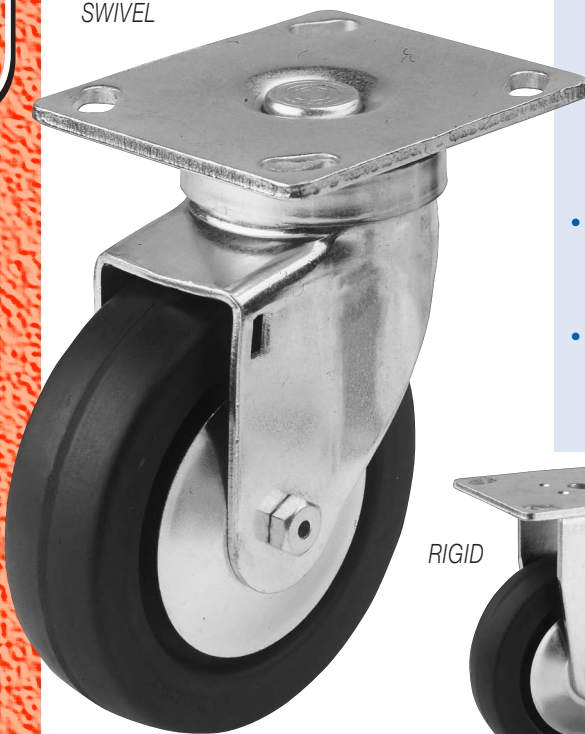
Medium Duty Industrial

Load Capacity: 300 to 600 lbs.

Quality Features

- **FOUR-SIDED, DOUBLE BALL RACEWAY.**
Hardened steel ball bearings and secondary thrust bearings touch the swivel raceway "on all four sides." This protects the central king pin from shock loading for free swiveling under heavy loads.
- **HEAT-TREATED MOVING PARTS.**
All moving parts are heat treated to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- **RACEWAY DUST CAP.**
Dust cap protects the raceway from contamination by dust, dirt, moisture, and other debris.
- **TWO-PIECE RIGID CASTER.**
Rigid caster utilizes a welded top plate and yoke design instead of a one-piece stamped yoke as used on competitive brands.
- **THREAD GUARD.**
Keep unwanted materials out of the wheel bearings thus increasing the life of the caster. Standard on most wheels.

SWIVEL



RIGID

Options

- Maintenance Free Swivel Bearings
- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-Marking Wheels
- Powder Coated Finishes

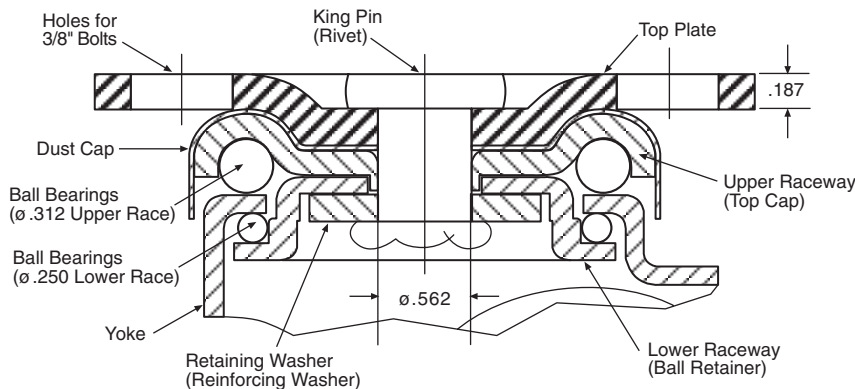
Strong, rugged and easy rolling, these casters provide high load capacity within a narrow profile. Offered with a wide selection of wheels, stems, and mounting plates. Formed steel yoke and double ball bearing raceways make these 70 Series casters as strong as they are durable.

Typical uses include:

- Warehouse Trucks
- Baking Ovens
- Commercial Ovens
- Platform Lifts
- Waste Receptacles
- Kitchen Fryers and Equipment

Available with combination wheel brake and swivel lock. Standard finish is Zinc Plated Steel. Custom finishes are available.

FOUR SIDED DOUBLE BALL BEARING RACEWAY 70 SERIES



Wheel Selection

ADVANCED ELASTOMER

NEOPRENE RUBBER

HI-CAP NEOPRENE

HARD RUBBER

NEOPRENE OR POLYURETHANE

STEEL DISC

CAST IRON HUB

MOLD-ON POLYURETHANE

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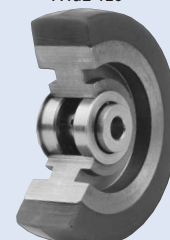
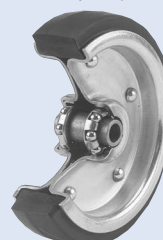
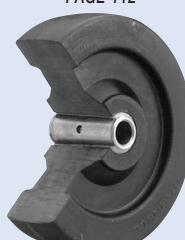
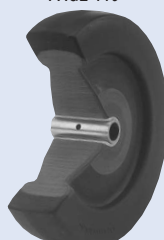
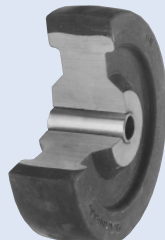
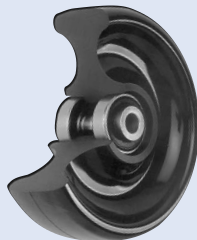
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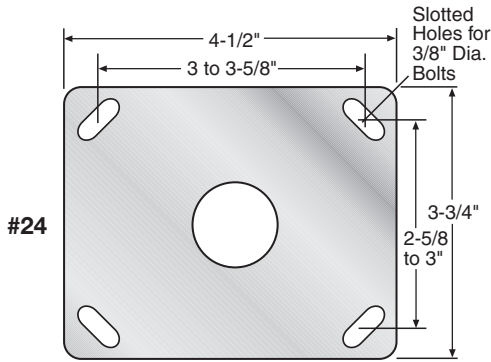
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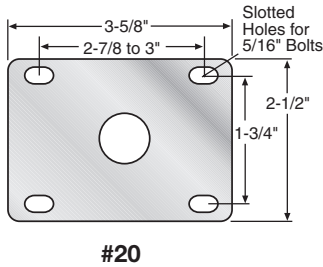
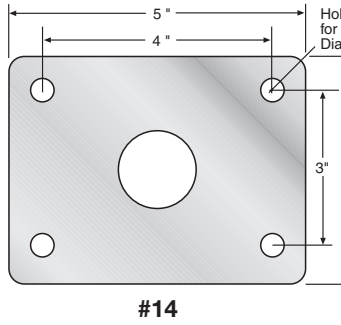
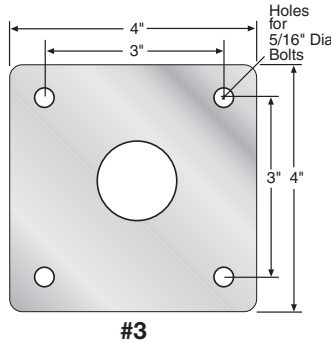


TOP PLATE

STANDARD



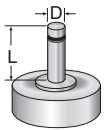
ALTERNATES



Medium Duty Industrial

STEMS

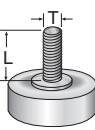
"O" STEM TABLE



Dimension D	Dimension L	Stem Number
*1/2"	1-1/2"	O70-12-112
*5/8"	2"	O70-58-2
*3/4"	2"	O70-34-2
*7/8"	2"	O70-78-2
*1"	2-1/2"	O70-1-212

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

"L" STEM TABLE



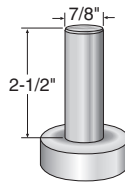
Dimension T	Dimension L	Stem Number
1/2"-13	1-1/2"	L70-1213-112
*1/2"-13	2"	L70-1213-2
5/8"-11	2"	L70-5811-2
*5/8"-11	2-1/2"	L70-5811-212
*3/4"-10	1-1/2"	L70-3410-112
3/4"-10	2"	L70-3410-2
*3/4"-10	2-1/2"	L70-3410-212

Other stem sizes and dimensions available.
*Special Order/Minimum Quantity36

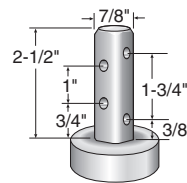
"E" STEM TABLE

Dimension D	
ROUND	SQUARE
3/4"	3/4"
7/8"	7/8"
1"	1"
1-1/16"	1-1/8"
1-1/8"	1-1/4"
1-1/4"	1-3/8"
1-3/8"	1-1/2"
1-7/16"	1-5/8"
1-1/2"	1-3/4"
1-9/16"	2"
1-5/8"	
1-3/4"	
1-7/8"	
1.9"	

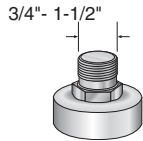
"7/8" round" stem



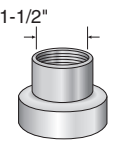
"7/8" square" stem



"LP" stem



"LPC" stem

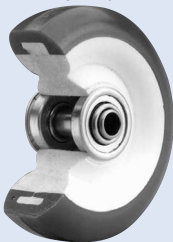


Subtract .187" from overall height for stem casters.

POLYOLEFIN HUB

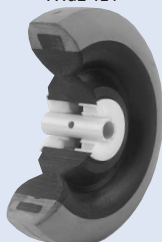
POLYURETHANE

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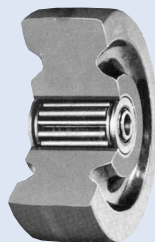
THERMO PLASTIC RUBBER

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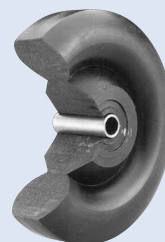
PHENOLIC

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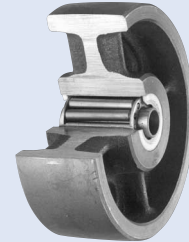
POLYOLEFIN

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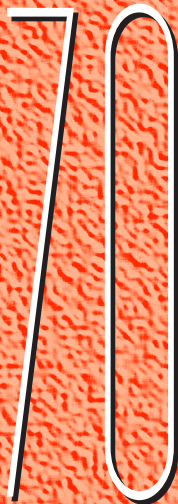
CAST IRON

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Series continued

BRAKES

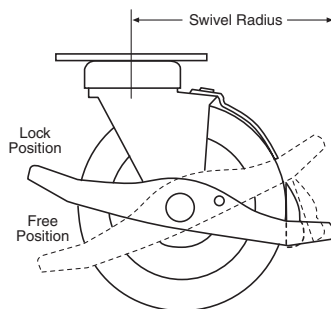


The National Sanitation Foundation specifications require smoothness of caster design and a freedom from debris collecting areas to insure easy cleaning of the caster. Designs which insure maximal grease retention in the swivel portion of the caster are also specifically required by the NSF. Our casters in the 50, 60 & 70 Series are listed by the National Sanitation Foundation.

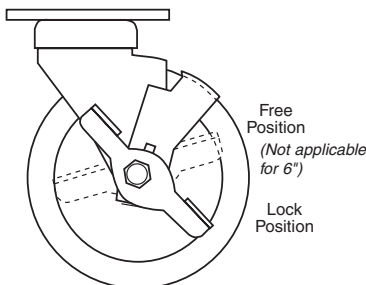


DARNELL-ROSE
division of Evans Industries, Inc.

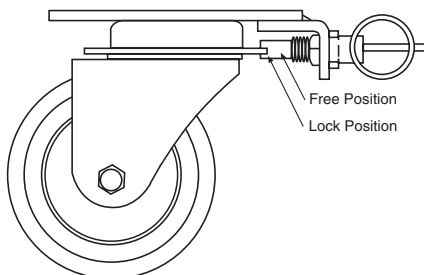
Wheel Brake (WB)



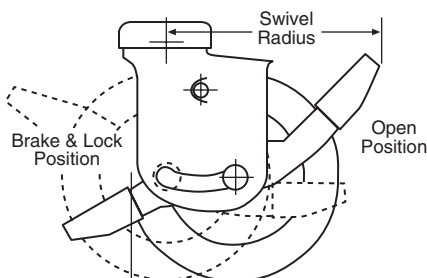
Radial Brake (RB)



Four Position Swivel Lock (SL)



Combination Swivel & Wheel Brake (CB)



For 4" and 5" only.

Wheel Brake

Operates by a foot pedal lever that has a rubber brake pad to form a positive brake action when the brake lever is pressed down to engage. To restore back to the normal position, simply reverse the action to disengage the brake. Easy to operate and trouble free.

Radial Brake

Exceptional brake for light and medium duty applications, either industrial or institutional. Side pedal engages tread lock to restrain wheel movement. Brake kit available for field installation.

Available in 73, 74 & 75 Series only.

Four Position Swivel Lock

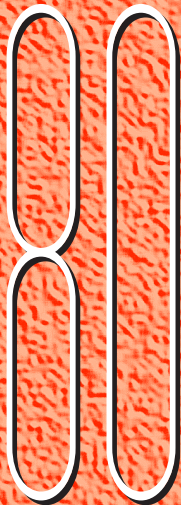
A horizontal four position swivel lock with a spring loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Combination Swivel & Wheel Brake

For medium heavy loads, this foot lever operated combination swivel lock and wheel brake maintains the same height when the brake is engaged or in the released position. Also, the same height is maintained when used with its companion casters as swivel or rigid. For easy operation by simply stepping on the foot lever in the high position and reversing the action to release the brake to a free rolling position. Available in 4" and 5" only.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
3	1 3/8	300	NEOPRENE RUBBER	ACETAL	73-24-PDN	73-24-PRDN	3	4-7/16	3
				ROLLER	73-24-TDN	73-24-TRDN			
		375	HI-CAP NEOPRENE	ACETAL	73-24-PKN	73-24-PRKN			
				ROLLER	73-24-TKN	73-24-TRKN			
		550	HARD RUBBER	ACETAL	73-24-PH	73-24-PRH			
				ROLLER	73-24-TH	73-24-TRH			
	1 1/2	600	600	CAST IRON	ROLLER	73-24-TCI	73-24-TRCI	3-3/4	
					ROLLER	73-24-TPR	73-24-TRPR	3	
			600	PHENOLIC	ROLLER	73-24-TPR	73-24-TRPR	3	
					ROLLER	73-24-TADI-M-CI	73-24-TRADI-M-CI	3-3/4	

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
4	1 1/4	300	STEEL DISC NEOPRENE	BALL	74-24-XDN-T-SD	74-24-XRDN-T-SD	5-1/4	5-7/16	3-3/8
			NEOPRENE RUBBER	ACETAL	74-24-PDN	74-24-PRDN			
		1 3/8	300	HI-CAP NEOPRENE	ROLLER	74-24-TDN	74-24-TRDN		
	HI-CAP NEOPRENE			ACETAL	74-24-PKN	74-24-PRKN			
	375		HI-CAP NEOPRENE	ROLLER	74-24-TKN	74-24-TRKN			
			STEEL DISC HI-CAP NEOPRENE	BALL	74-24-XKN-T-SD	74-24-XRKN-T-SD			
	400		POLYURETHANE / POLYOLEFIN HUB	BALL	74-24-XADI-M-PO	74-24-XRADI-M-PO			
			HARD RUBBER	ACETAL	74-24-PH	74-24-PRH			
	550	HARD RUBBER	ROLLER	74-24-TH	74-24-TRH				
		600	ADVANCED ELASTOMER	PRECISION BALL	74-24-PXAE	74-24-PXRAE			
			ADVANCED ELASTOMER	ROLLER	74-24-TAE	74-24-TRAЕ			
	600	CAST IRON	ROLLER	74-24-TCI	74-24-TRCI	4-1/4			
		185	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	74-24-DPD-M-PO-55	74-24-DRPD-M-PO-55	3-1/2		
			ROLLER	74-24-TPD-M-PO-55	74-24-TRPD-M-PO-55				
	260	THERMO-PLASTIC RUBBER	DELRIN	74-24-DPD-M-PO	74-24-DRPD-M-PO				
		ROLLER	74-24-TPD-M-PO	74-24-TRPD-M-PO					
	375	POLYOLEFIN	PLAIN	74-24-BPO	74-24-BRPO				
		450	POLYOLEFIN	ROLLER	74-24-TPO	74-24-TRPO			
	500	POLYURETHANE / POLYOLEFIN HUB	DELRIN	74-24-DADI-M-PO	74-24-DRADI-M-PO				
			ROLLER	74-24-TADI-M-PO	74-24-TRADI-M-PO				
		600	PHENOLIC	ROLLER	74-24-TPR	74-24-TRPR			
POLYURETHANE / CAST IRON HUB			ROLLER	74-24-TADI-M-CI	74-24-TRADI-M-CI				
STEEL DISC POLYURETHANE			BALL	74-24-XADI-T-SD	74-24-XRADI-T-SD				
1 1/2	185	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	75-24-DPD-M-PO-55	75-24-DRPD-M-PO-55	5-1/2			
		ROLLER	75-24-TPD-M-PO-55	75-24-TRPD-M-PO-55					
260	THERMO-PLASTIC RUBBER	DELRIN	75-24-DPD-M-PO	75-24-DRPD-M-PO					
	ROLLER	75-24-TPD-M-PO	75-24-TRPD-M-PO						
375	POLYOLEFIN	PLAIN	75-24-BPO	75-24-BRPO					
	450	POLYOLEFIN	ROLLER	75-24-TPO	75-24-TRPO				
500	POLYURETHANE / POLYOLEFIN HUB	DELRIN	75-24-DADI-M-PO	75-24-DRADI-M-PO					
		ROLLER	75-24-TADI-M-PO	75-24-TRADI-M-PO					
	600	PHENOLIC	ROLLER	75-24-TPR	75-24-TRPR				
		POLYURETHANE / CAST IRON HUB	ROLLER	75-24-TADI-M-CI	75-24-TRADI-M-CI				
		STEEL DISC POLYURETHANE	BALL	75-24-XADI-T-SD	75-24-XRADI-T-SD				
1 1/2	190	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	75-24-DPD-M-PO-55	75-24-DRPD-M-PO-55	4			
		ROLLER	75-24-TPD-M-PO-55	75-24-TRPD-M-PO-55					
320	THERMO-PLASTIC RUBBER	DELRIN	75-24-DPD-M-PO	75-24-DRPD-M-PO					
	ROLLER	75-24-TPD-M-PO	75-24-TRPD-M-PO						
540	POLYOLEFIN	PLAIN	75-24-BPO	75-24-BRPO					
	CAST IRON	ROLLER	75-24-TCI	75-24-TRCI					
600	PHENOLIC	ROLLER	75-24-TPR	75-24-TRPR					
		POLYOLEFIN	ROLLER	75-24-TPO	75-24-TRPO				
	POLYURETHANE / POLYOLEFIN HUB	DELRIN	75-24-DADI-M-PO	75-24-DRADI-M-PO					
		ROLLER	75-24-TADI-M-PO	75-24-TRADI-M-PO					
1 1/2	225	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	76-24-DPD-M-PO-55	76-24-DRPD-M-PO-55	5			
		ROLLER	76-24-TPD-M-PO-55	76-24-TRPD-M-PO-55					
350	THERMO-PLASTIC RUBBER	DELRIN	76-24-DPD-M-PO	76-24-DRPD-M-PO					
	ROLLER	76-24-TPD-M-PO	76-24-TRPD-M-PO						
600	CAST IRON	ROLLER	76-24-TCI	76-24-TRCI					
		PHENOLIC	ROLLER	76-24-TPR	76-24-TRPR				
	POLYOLEFIN	PLAIN	76-24-BPO	76-24-BRPO					
		POLYURETHANE / CAST IRON HUB	ROLLER	76-24-TADI-M-CI	76-24-TRADI-M-CI				
	POLYURETHANE / POLYOLEFIN HUB	DELRIN	76-24-DADI-M-PO	76-24-DRADI-M-PO					
		ROLLER	76-24-TADI-M-PO	76-24-TRADI-M-PO					
	700	POLYOLEFIN	ROLLER	76-24-TPO	76-24-TRPO				
5	1 1/4	300	STEEL DISC NEOPRENE	BALL	75-24-XDN-T-SD	75-24-XRDN-T-SD	5-1/2	6-7/16	3-7/8
			STEEL DISC POLYURETHANE	BALL	75-24-XADI-T-SD	75-24-XRADI-T-SD			
	1 3/8	300	NEOPRENE RUBBER	ACETAL	75-24-PDN	75-24-PRDN	4		
			ROLLER	75-24-TDN	75-24-TRDN				
		375	HI-CAP NEOPRENE	ACETAL	75-24-PKN	75-24-PRKN			
			ROLLER	75-24-TKN	75-24-TRKN				
		440	STEEL DISC HI-CAP NEOPRENE	BALL	75-24-XKN-T-SD	75-24-XRKN-T-SD			
			POLYURETHANE / POLYOLEFIN HUB	BALL	75-24-XADI-M-PO	75-24-XRADI-M-PO			
	550	HARD RUBBER	ACETAL	75-24-PH	75-24-PRH				
			ROLLER	75-24-TH	75-24-TRH				
		600	ADVANCED ELASTOMER	PRECISION BALL	75-24-PXAE	75-24-PXRAE			
	ROLLER		75-24-TAE	75-24-TRAЕ					
	600	POLYURETHANE / CAST IRON HUB	ROLLER	75-24-TADI-M-CI	75-24-TRADI-M-CI	5-3/4			
		190	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	75-24-DPD-M-PO-55	75-24-DRPD-M-PO-55	4		
			ROLLER	75-24-TPD-M-PO-55	75-24-TRPD-M-PO-55				
	320	THERMO-PLASTIC RUBBER	DELRIN	75-24-DPD-M-PO	75-24-DRPD-M-PO				
		ROLLER	75-24-TPD-M-PO	75-24-TRPD-M-PO					
	540	POLYOLEFIN	PLAIN	75-24-BPO	75-24-BRPO				
		CAST IRON	ROLLER	75-24-TCI	75-24-TRCI				
	600	PHENOLIC	ROLLER	75-24-TPR	75-24-TRPR				
			POLYOLEFIN	ROLLER	75-24-TPO	75-24-TRPO			
POLYURETHANE / POLYOLEFIN HUB		DELRIN	75-24-DADI-M-PO	75-24-DRADI-M-PO					
		ROLLER	75-24-TADI-M-PO	75-24-TRADI-M-PO					
1 1/2	225	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	76-24-DPD-M-PO-55	76-24-DRPD-M-PO-55	5			
		ROLLER	76-24-TPD-M-PO-55	76-24-TRPD-M-PO-55					
350	THERMO-PLASTIC RUBBER	DELRIN	76-24-DPD-M-PO	76-24-DRPD-M-PO					
	ROLLER	76-24-TPD-M-PO	76-24-TRPD-M-PO						
600	CAST IRON	ROLLER	76-24-TCI	76-24-TRCI					
		PHENOLIC	ROLLER	76-24-TPR	76-24-TRPR				
	POLYOLEFIN	PLAIN	76-24-BPO	76-24-BRPO					
		POLYURETHANE / CAST IRON HUB	ROLLER	76-24-TADI-M-CI	76-24-TRADI-M-CI				
	POLYURETHANE / POLYOLEFIN HUB	DELRIN	76-24-DADI-M-PO	76-24-DRADI-M-PO					
		ROLLER	76-24-TADI-M-PO	76-24-TRADI-M-PO					
	700	POLYOLEFIN	ROLLER	76-24-TPO	76-24-TRPO				
6	1 3/8	300	NEOPRENE RUBBER	ACETAL	76-24-PDN	76-24-PRDN	5	7-9/16	4-5/8
			ROLLER	76-24-TDN	76-24-TRDN				
		375	HI-CAP NEOPRENE	ACETAL	76-24-PKN	76-24-PRKN			
			ROLLER	76-24-TKN	76-24-TRKN				
		500	POLYURETHANE / POLYOLEFIN HUB	BALL	76-24-XADI-M-PO	76-24-XRADI-M-PO			
			550	HARD RUBBER	ACETAL	76-24-PH			
	ROLLER	76-24-TH			76-24-TRH				
	600	ADVANCED ELASTOMER	PRECISION BALL	76-24-PXAE	76-24-PXRAE				
			ROLLER	76-24-TAE	76-24-TRAЕ				
	1 1/2	225	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	76-24-DPD-M-PO-55	76-24-DRPD-M-PO-55	6-1/2		
			ROLLER	76-24-TPD-M-PO-55	76-24-TRPD-M-PO-55				
		350	THERMO-PLASTIC RUBBER	DELRIN	76-24-DPD-M-PO	76-24-DRPD-M-PO			
			ROLLER	76-24-TPD-M-PO	76-24-TRPD-M-PO				
		600	CAST IRON	ROLLER	76-24-TCI	76-24-TRCI			
PHENOLIC			ROLLER	76-24-TPR	76-24-TRPR				
POLYOLEFIN		PLAIN	76-24-BPO	76-24-BRPO					
		POLYURETHANE / CAST IRON HUB	ROLLER	76-24-TADI-M-CI	76-24-TRADI-M-CI				
POLYURETHANE / POLYOLEFIN HUB	DELRIN	76-24-DADI-M-PO	76-24-DRADI-M-PO						
	ROLLER	76-24-TADI-M-PO	76-24-TRADI-M-PO						
700	POLYOLEFIN	ROLLER	76-24-TPO	76-24-TRPO					



SERIES

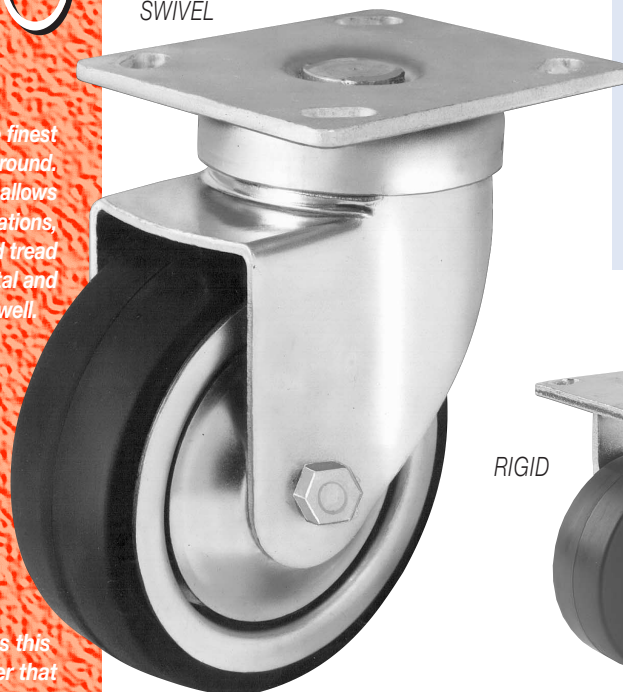
Medium-Heavy Duty Industrial

Load Capacity: 350 to 1000 lbs.

Quality Features

- **FOUR-SIDED, DOUBLE BALL RACEWAY.**
Hardened steel ball bearings in the load bearing and secondary thrust bearings touch the swivel raceway "on all four sides." This protects the central king pin from shock loading for free swiveling under heavy loads.
- **HEAT-TREATED MOVING PARTS.**
All moving parts are heat treated to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- **TWO-PIECE RIGID CASTER.**
Rigid caster utilizes a welded top plate and yoke design instead of a one-piece stamped yoke as used on competitive brands.
- **THREAD GUARDS.**
Available on most wheels, keeps unwanted materials out of the wheel bearings thus increasing the life of the caster.

SWIVEL



RIGID



The 80 Series is one of the finest Medium-Heavy Duty casters around. The smooth, quiet swivel raceway allows use not only for industrial applications, but with proper wheel and tread selection, it can be used for hospital and institutional service as well.

Typical applications include:

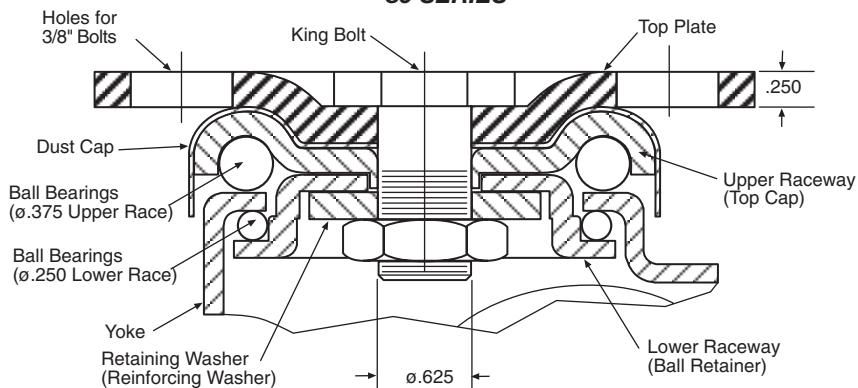
- Platform Trucks
- Luggage Carts
- Computer Frames
- Storage Containers
- Manual Lift Trucks
- Mobile Cabinets

Formed steel construction makes this a tough and durable caster that provides a clean look and smooth ride. Standard finish is Zinc Plated Steel; custom finishes available.

Options

- Cart Washable Grease Seals
- Maintenance Free Swivel Bearings
- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-Marking Wheels
- Powder Coated Finishes

FOUR SIDED DOUBLE BALL BEARING RACEWAY 80 SERIES



Wheel Selection

ADVANCED ELASTOMER

NEOPRENE RUBBER

HI-CAP NEOPRENE

HARD RUBBER

NEOPRENE OR POLYURETHANE

STEEL DISC

CAST IRON HUB

MOLD-ON POLYURETHANE

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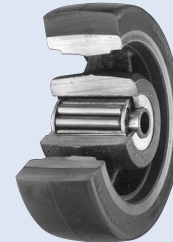
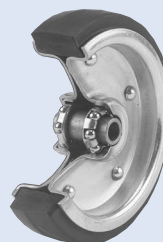
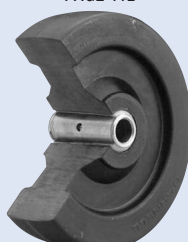
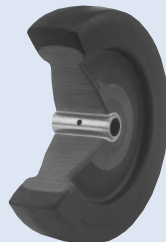
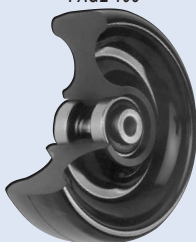
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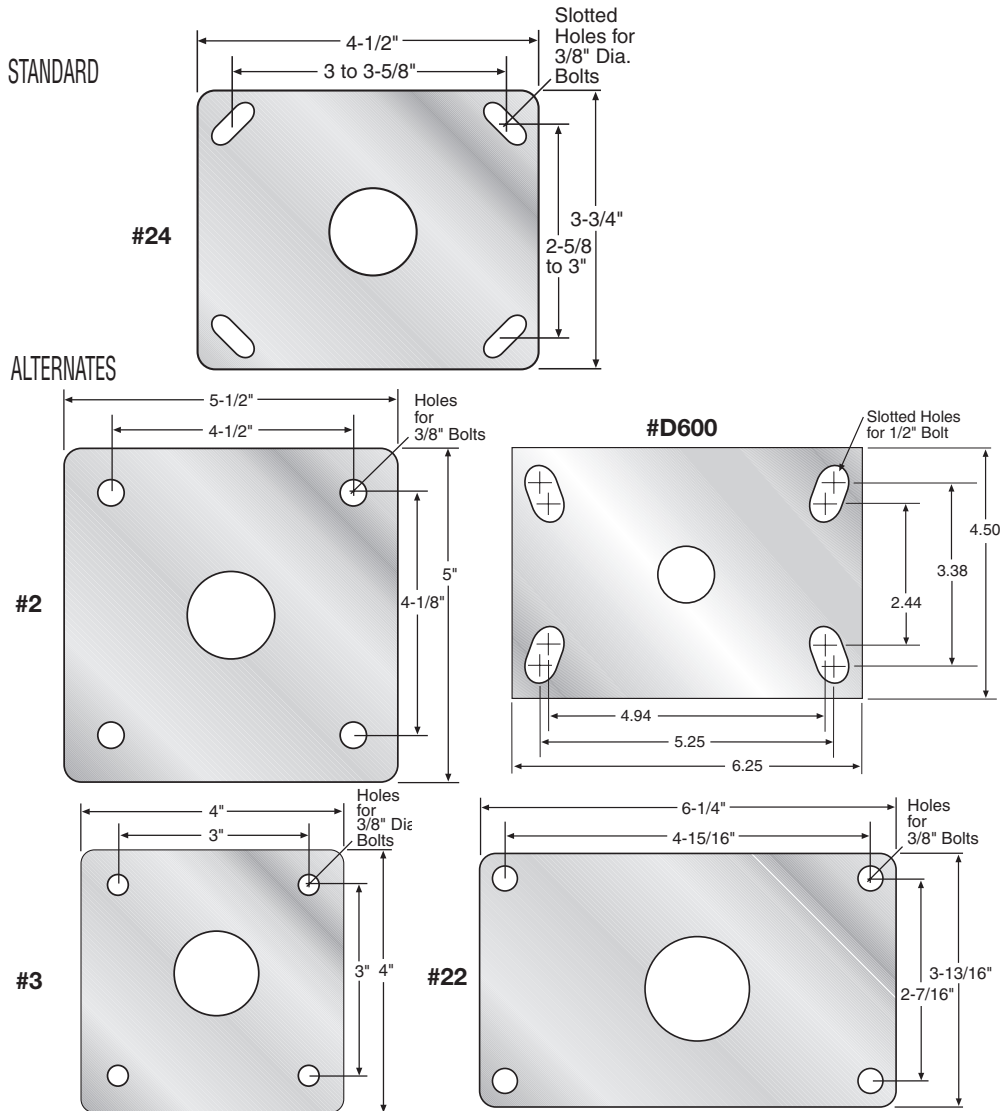
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TOP PLATE



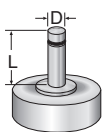
*Medium-Heavy
Duty Industrial*



STEMS

"O" STEM TABLE

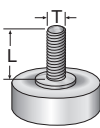
Dimension D	Dimension L	Stem Number
*5/8"	2"	O80-58-2
*3/4"	2"	O80-34-2
*7/8"	2"	O80-78-2
1"	2-1/2"	O80-1-212



Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

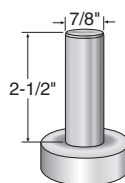
"L" STEM TABLE

Dimension T	Dimension L	Stem Number
5/8"-11	2-1/2"	L80-5811-212
3/4"-10	2-1/2"	L80-3410-212
*7/8"-9	2-1/2"	L80-789-212
*1"-8	2-1/2"	L80-18-212

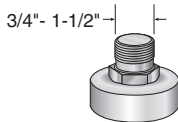


Other stem sizes and dimensions available.
*Special Order/Minimum Quantity

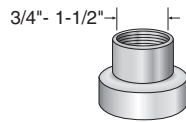
****7/8" round" stem**



"LP" stem



"LPC" stem

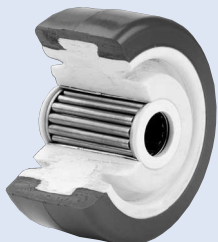


Subtract .250" from overall height for stem casters.

POLYOLEFIN HUB

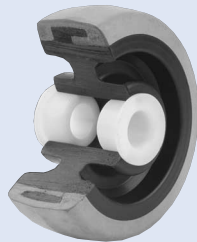
POLYURETHANE

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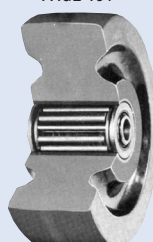
THERMO PLASTIC RUBBER

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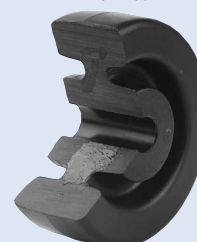
PHENOLIC

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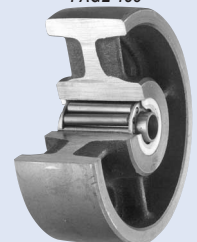
POLYOLEFIN

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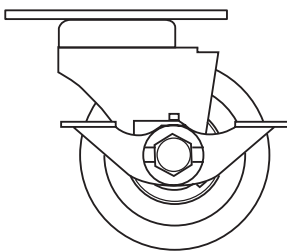
CAST IRON

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BRAKES

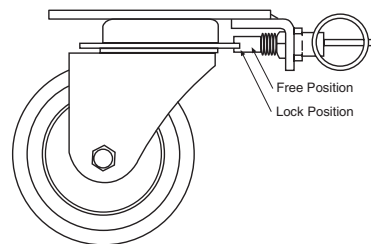
Hub Brake



Hub Brake

Prevents wheel movement by engaging fork legs against wheel hub when foot pedal is applied in the locked position.

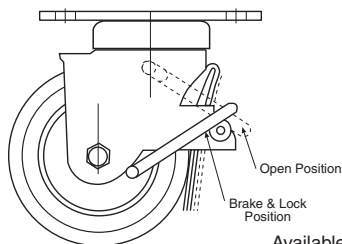
Four Position Swivel Lock (SL)



Four Position Swivel Lock

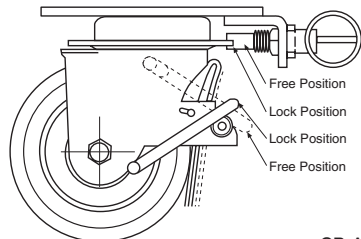
A horizontal four position swivel lock with a springloaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Heavy Duty Combination Swivel & Wheel Brake (CB)



Available in 5", 6", & 8"

Combination Four Position Swivel Lock & Wheel Brake (WB-SL)



CB Available in 5", 6", & 8"

Heavy Duty Combination Swivel & Wheel Brake

This combination swivel and wheel brake was especially designed for heavy equipment that must be made immobile. The wheel brake is constructed to operate in conjunction with the swivel. The overall height of this caster with the brake applied or released remains the same, even when used with companion casters as a swivel or rigid.

Combination Four Position Swivel Lock & Wheel Brake

This combination horizontal four position swivel lock and wheel brake was designed to work together or operate independent from one another. Both the swivel lock plunger and the wheel brake operate from a spring steel action to assure a positive operation.

40

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
3	2	500	POLYOLEFIN	ROLLER	83-24-TPO	83-24-TRPO	4-1/2	4-1/2	2-5/8	
			350	NEOPRENE RUBBER	ROLLER	83-24-TDN	83-24-TRDN			5
		440	HI-CAP NEOPRENE	ROLLER	83-24-TKN	83-24-TRKN	5-1/2			
			800	HARD RUBBER	ROLLER	83-24-TH				83-24-TRH
		900	ADVANCED ELASTOMER	POLYURETHANE / CAST IRON HUB	ROLLER	83-24-TADI-M-CI	83-24-TRADI-M-CI			5
				DELTRIN	83-24-DAE	83-24-DRAE				
		1000	CAST IRON	PRECISION BALL	ROLLER	83-24-PXAE	83-24-PXRAE			5-1/2
				ROLLER	83-24-TAE	83-24-TRAE				
		1000	PHENOLIC	ROLLER	83-24-TCI	83-24-TRCI	5			
				ROLLER	83-24-TPR	83-24-TRPR				
4	2	200	EXTRA SOFT THERMO-PLASTIC RUBBER	DELTRIN	84-24-DPD-M-PO-55	84-24-DRPD-M-PO-55	7	5-15/16	3	
			350	NEOPRENE RUBBER	ROLLER	84-24-TPD-M-PO-55				84-24-TRPD-M-PO-55
		410	THERMO-PLASTIC RUBBER	DELTRIN	84-24-TDN	84-24-TRDN				
				ROLLER	84-24-DPD-M-PO	84-24-DRPD-M-PO				
		440	HI-CAP NEOPRENE	ROLLER	84-24-TKN	84-24-TRKN				
				ROLLER	84-24-TPD-M-PO	84-24-TRPD-M-PO				
		600	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	84-24-TPO	84-24-TRPO				
				ROLLER	84-24-TADI-M-PO	84-24-TRADI-M-PO				
		750	POLYURETHANE / POLYOLEFIN HUB	ROLLER	84-24-TH	84-24-TRH				
				ROLLER	84-24-TADI-M-CI	84-24-TRADI-M-CI				
		800	HARD RUBBER	ROLLER	84-24-TADI-M-CI	84-24-TRADI-M-CI				8-3/4
				ROLLER	84-24-TADI-M-CI	84-24-TRADI-M-CI				
		1000	ADVANCED ELASTOMER	BALL	84-24-XAE	84-24-XRAE				6-1/2
				DELTRIN	84-24-DAE	84-24-DRAE				
PRECISION BALL	84-24-PXAE			84-24-PXRAE						
ROLLER	84-24-TAE			84-24-TRAE						
ROLLER	84-24-TCI			84-24-TRCI						
ROLLER	84-24-TPR			84-24-TRPR						

80 Series continued

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
5	1 9/16	550	STEEL DISC POLYURETHANE	ROLLER	85-24-TADI-T-SD	85-24-TRADI-T-SD	7	6-5/8	4-1/8	
			EXTRA SOFT THERMO-PLASTIC RUBBER	DELNRIN	85-24-DPD-M-PO-55	85-24-DRPD-M-PO-55				
				ROLLER	85-24-TPD-M-PO-55	85-24-TRPD-M-PO-55				
			NEOPRENE RUBBER	ROLLER	85-24-TDN	85-24-TRDN				
				STEEL DISC NEOPRENE	ROLLER	85-24-TDN-T-SD				85-24-TRDN-T-SD
			HI-CAP NEOPRENE	ROLLER	85-24-TKN	85-24-TRKN				
				STEEL DISC HI-CAP NEOPRENE	ROLLER	85-24-TKN-T-SD				85-24-TRKN-T-SD
				THERMO-PLASTIC RUBBER	DELNRIN	85-24-DPD-M-PO				85-24-DRPD-M-PO
			HARD RUBBER	ROLLER	85-24-TPD-M-PO	85-24-TRPD-M-PO				
				POLYOLEFIN	ROLLER	85-24-TH				85-24-TRH
				ROLLER	85-24-TPO	85-24-TRPO				
			POLYURETHANE / CAST IRON HUB	ROLLER	85-24-TADI-M-CI	85-24-TRADI-M-CI				
				TAPERED ROLLER	85-24-YADI-M-CI	85-24-YRADI-M-CI				
			POLYURETHANE / POLYOLEFIN HUB	DELNRIN	85-24-DADI-M-PO	85-24-DRADI-M-PO				
				ROLLER	85-24-TADI-M-PO	85-24-TRADI-M-PO				
			1000	ADVANCED ELASTOMER	BALL	85-24-XAE				85-24-XRAE
DELNRIN	85-24-DAE	85-24-DRAE								
PRECISION BALL	85-24-PXAE	85-24-PXRAE								
ROLLER	85-24-TAE	85-24-TRAE								
ROLLER	85-24-TCI	85-24-TRCI								
ROLLER	85-24-TPR	85-24-TRPR								
ROLLER	85-24-TCI	85-24-TRCI								
ROLLER	85-24-TPR	85-24-TRPR								
6	1 9/16	550	STEEL DISC POLYURETHANE	ROLLER	86-24-TADI-T-SD	86-24-TRADI-T-SD	7-3/4	7-1/2	4-5/8	
			EXTRA SOFT THERMO-PLASTIC RUBBER	DELNRIN	86-24-DPD-M-PO-55	86-24-DRPD-M-PO-55				
				ROLLER	86-24-TPD-M-PO-55	86-24-TRPD-M-PO-55				
			STEEL DISC NEOPRENE	ROLLER	86-24-TDN-T-SD	86-24-TRDN-T-SD				
				NEOPRENE RUBBER	ROLLER	86-24-TDN				86-24-TRDN
			STEEL DISC HI-CAP NEOPRENE	ROLLER	86-24-TKN-T-SD	86-24-TRKN-T-SD				
				THERMO-PLASTIC RUBBER	DELNRIN	86-24-DPD-M-PO				86-24-DRPD-M-PO
			HI-CAP NEOPRENE	ROLLER	86-24-TPD-M-PO	86-24-TRPD-M-PO				
				HARD RUBBER	ROLLER	86-24-TH				86-24-TRH
				ROLLER	86-24-TKN	86-24-TRKN				
			POLYURETHANE / CAST IRON HUB	ROLLER	86-24-TADI-M-CI	86-24-TRADI-M-CI				
				POLYOLEFIN	ROLLER	86-24-TPO				86-24-TRPO
			POLYURETHANE / POLYOLEFIN HUB	DELNRIN	86-24-DADI-M-PO	86-24-DRADI-M-PO				
				ROLLER	86-24-TADI-M-PO	86-24-TRADI-M-PO				
			1000	ADVANCED ELASTOMER	BALL	86-24-XAE				86-24-XRAE
					DELNRIN	86-24-DAE				86-24-DRAE
PRECISION BALL	86-24-PXAE	86-24-PXRAE								
ROLLER	86-24-TAE	86-24-TRAE								
ROLLER	86-24-TCI	86-24-TRCI								
ROLLER	86-24-TPR	86-24-TRPR								
ROLLER	86-24-TCI	86-24-TRCI								
ROLLER	86-24-TPR	86-24-TRPR								
8	2	300	EXTRA SOFT THERMO-PLASTIC RUBBER	DELNRIN	88-24-DPD-M-PO-55	88-24-DRPD-M-PO-55	9-3/4	9-3/4	5-3/4	
			THERMO-PLASTIC RUBBER	ROLLER	88-24-TPD-M-PO-55	88-24-TRPD-M-PO-55				
			NEOPRENE RUBBER	ROLLER	88-24-DPD-M-PO	88-24-DRPD-M-PO				
		410	THERMO-PLASTIC RUBBER	ROLLER	88-24-TPD-M-PO	88-24-TRPD-M-PO				
			HARD RUBBER	ROLLER	88-24-TDN	88-24-TRDN				
		475	NEOPRENE RUBBER	ROLLER	88-24-TDN	88-24-TRDN				
			HARD RUBBER	ROLLER	88-24-TH	88-24-TRH				
		800	POLYURETHANE / CAST IRON HUB	ROLLER	88-24-TH	88-24-TRH				
				TAPERED ROLLER	88-24-TADI-M-CI	88-24-TRADI-M-CI				
		900	POLYURETHANE / CAST IRON HUB	ROLLER	88-24-TADI-M-CI	88-24-TRADI-M-CI				
				POLYOLEFIN	ROLLER	88-24-TPO	88-24-TRPO			
		900	POLYURETHANE / POLYOLEFIN HUB	ROLLER	88-24-TPO	88-24-TRPO				
CAST IRON	ROLLER			88-24-TH	88-24-TRH					
1000	POLYURETHANE / POLYOLEFIN HUB	ROLLER	88-24-TH	88-24-TRH						
		PHENOLIC	ROLLER	88-24-TPR	88-24-TRPR					
1000	POLYURETHANE / POLYOLEFIN HUB	DELNRIN	88-24-DADI-M-PO	88-24-DRADI-M-PO						
		ROLLER	88-24-TADI-M-PO	88-24-TRADI-M-PO						
1200	ADVANCED ELASTOMER	BALL	88-24-XAE	88-24-XRAE						
		DELNRIN	88-24-DAE	88-24-DRAE						
		PRECISION BALL	88-24-PXAE	88-24-PXRAE						
		ROLLER	88-24-TAE	88-24-TRAE						



SERIES

Medium-Heavy Duty Industrial

Load Capacity: 350 to 1000 lbs.

Quality Features

- LARGE DIAMETER SWIVEL RACEWAY.**
 Both upper main load bearing and lower thrust bearing utilize large diameter raceways and 5/16" hardened steel ball bearing for easy maneuvering under heavy loads. Hydraulically staked 5/8" king pin provides years of trouble-free service.
- EXTRA-STRONG CONTINUOUSLY WELDED SIDE LEGS.**
 Yoke legs are formed from 1/4" thick steel and made wider to handle constant abuse from side thrust. Both sides are continuously welded to yoke base for added strength and endurance.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are heat treated to a precise molecular depth and Rockwell hardness using a gas carbonizing process that extends caster life under rugged conditions and shock loads.
- STANDARD SIZES AND DIMENSIONS.**
 Standard top plate and slotted bolt hole pattern conforms to industry standards for quick and simple retrofitting. Replacement parts such as wheels, bearings, bushings and axles are also common sizes and readily available.

Popular, economical series for a wide variety of industrial applications. Cold forged construction utilizes 1/4" carbon steel top plate and yoke legs continuously welded to yoke base to form a tough, rugged assembly. Double ball bearing swivel raceway is heat treated for wear resistance and assembled with permanently riveted 5/8" diameter king pin.

Multitude of applications include:

- Platform Trucks
- Sheet Rock Dollies
- Waste Containers
- Lumber Carts
- Self-Dumping Hoppers
- Tilt Trucks

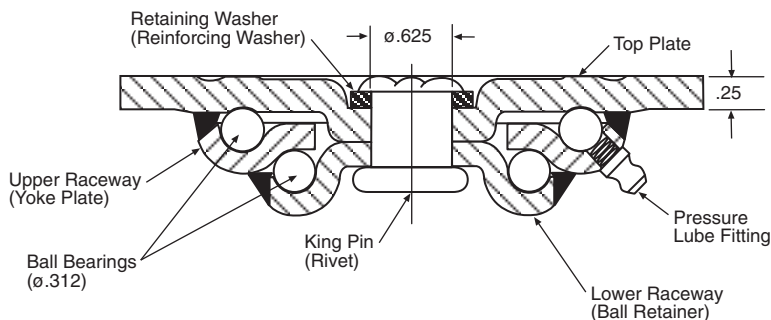
Top plate and bolt hole pattern conforms to industry standards. Available in Stainless Steel.



Options

- Maintenance Free Swivel Raceways
- Grease Seals for Swivel Raceway
- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-Marking Wheels
- Powder Coated Finishes

DOUBLE BALL BEARING SWIVEL RACEWAY A100 SERIES



DARNELL-ROSE
division of J. I. Evans Industries, Inc.

Wheel Selection

ADVANCED ELASTOMER

THERMO PLASTIC RUBBER

CAST IRON HUB

MOLD-ON RUBBER

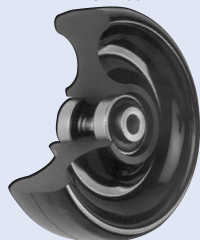
CAST IRON HUB

MOLD-ON POLYURETHANE

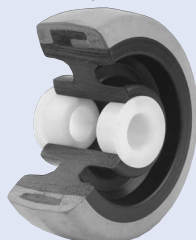
POLYOLEFIN HUB

POLYURETHANE

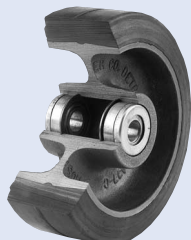
PAGE 106



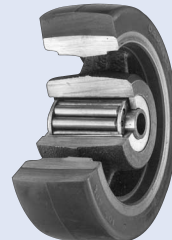
PAGE 122



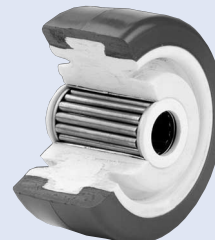
PAGE 120



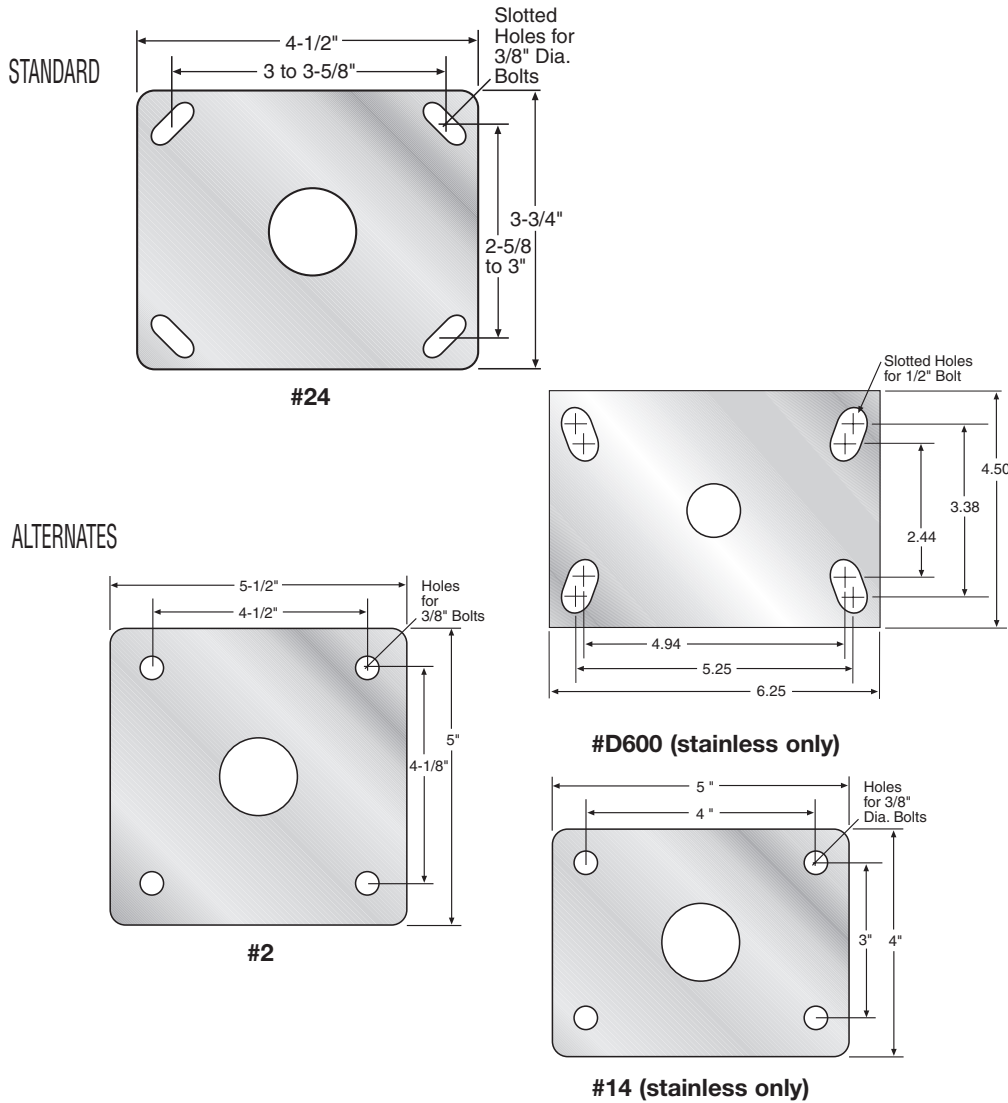
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TOP PLATE

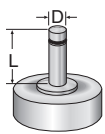


*Medium-Heavy
Duty Industrial*



STEMS

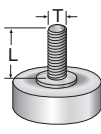
"O" STEM TABLE



Dimension D	Dimension L	Stem Number
*5/8"	2"	OA100-58-2
*3/4"	2-1/2"	OA100-34-212
*7/8"	2-1/2"	OA100-78-212
*1"	2-1/2"	OA100-1-212

Other stem sizes and dimensions available.
*ALL SPECIAL ORDER

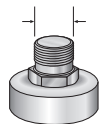
"L" STEM TABLE



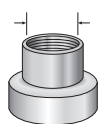
Dimension T	Dimension L	Stem Number
*5/8"-11	2-1/2"	LA100-5811-212
*3/4"-10	2-1/2"	LA100-3410-212
*7/8"-9	2-1/2"	LA100-789-212
*1"-8	2-1/2"	LA100-18-212

Other stem sizes and dimensions available.
*ALL SPECIAL ORDER

"LP" stem



"LPC" stem



Consult factory for sizes available.

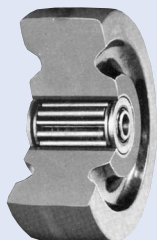
Subtract .25" from overall height for stem casters.

WHITE NYLON



PHENOLIC

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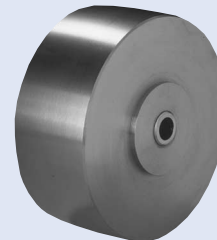
POLYOLEFIN

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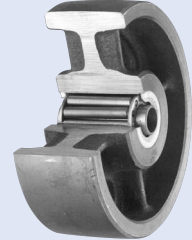
STAINLESS STEEL WHEEL

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CAST IRON

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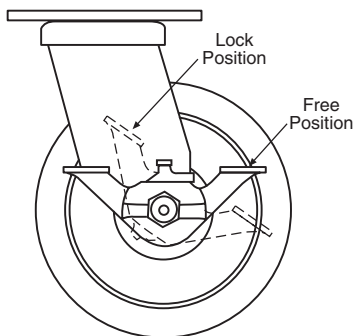


SERIES **continued**

Medium-Heavy Duty Industrial

BRAKES

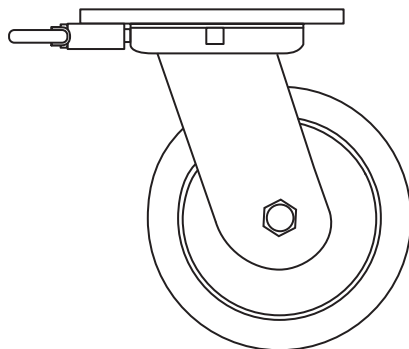
Hub Brake (HB)



Hub Brake

Prevents wheel movement by engaging fork legs against wheel hub when foot pedal is applied in the locked position.

Four Position Swivel Lock (SL)



Four Position Swivel Lock

A horizontal four position swivel lock with a spring loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
4	2	200	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN ROLLER	A104-DPD-M-PO-55	A104-DRPD-M-PO-55	4	5-5/8	3-9/16
			MOLD-ON RUBBER	ROLLER	A104-TPD-M-PO-55	A104-TRPD-M-PO-55	6		
		300	THERMO-PLASTIC RUBBER	DELRIN ROLLER	A104-DPD-M-PO	A104-DRPD-M-PO	4		
				ROLLER	A104-TPD-M-PO	A104-TRPD-M-PO			
		550	POLYOLEFIN	PLAIN	A104-BPO	A104-BRPO	3-3/4		
			WHITE NYLON	PLAIN	A104-BNYLO	A104-BRNYLO			
		580	POLYURETHANE / CAST IRON HUB	ROLLER	A104-TADI-M-CI	A104-TRADI-M-CI	6	5-5/8	3-9/16
		600	POLYURETHANE / POLYOLEFIN HUB	DELRIN	A104-DADI-M-PO	A104-DRADI-M-PO	4-1/4		
		700	POLYOLEFIN	DELRIN	A104-DPO	A104-DRPO	3-3/4		
		750	POLYURETHANE / POLYOLEFIN HUB	ROLLER	A104-TADI-M-PO	A104-TRADI-M-PO	4-1/4		
		1000	ADVANCED ELASTOMER	BALL	A104-XAE	A104-XRAE	6-1/2	5-5/8	3-9/16
				DELRIN	A104-DAE	A104-DRAE			
				PRECISION BALL	A104-PXAE	A104-PXRAE			
				ROLLER	A104-TAE	A104-TRAE			
CAST IRON	ROLLER			A104-TCI	A104-TRCI	6-1/4			
PHENOLIC	DELRIN			A104-DPR	A104-DRPR	4-1/4			
		ROLLER	A104-TPR	A104-TRPR					



A100 Series continued

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
5	2	225	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	A105-DPD-M-PO-55	A105-DRPD-M-PO-55	5	6-1/2	4-1/4
			MOLD-ON RUBBER	ROLLER	A105-TPD-M-PO-55	A105-TRPD-M-PO-55			
		350	THERMO-PLASTIC RUBBER	DELRIN	A105-DPD-M-PO	A105-DRPD-M-PO	5		
				ROLLER	A105-TPD-M-PO	A105-TRPD-M-PO			
		650	POLYOLEFIN	PLAIN	A105-BPO	A105-BRPO	4-3/4		
			WHITE NYLON	PLAIN	A105-BNYLO	A105-BRNYLO			
		700	POLYURETHANE / CAST IRON HUB	ROLLER	A105-TADI-M-CI	A105-TRADI-M-CI	7		
		850	POLYOLEFIN	ROLLER	A105-TPO	A105-TRPO	4-3/4		
			POLYURETHANE / POLYOLEFIN HUB	DELRIN	A105-DADI-M-PO	A105-DRADI-M-PO	5-1/4		
		1000	ADVANCED ELASTOMER	BALL	A105-XAE	A105-XRAE	7-1/2		
				DELRIN	A105-DAE	A105-DRAE			
				PRECISION BALL	A105-PXAE	A105-PXRAE			
				ROLLER	A105-TAE	A105-TRAE			
				CAST IRON	ROLLER	A105-TCI			
PHENOLIC	DELRIN			A105-DPR	A105-DRPR	5-1/4			
	ROLLER	A105-TPR	A105-TRPR						
	POLYURETHANE / POLYOLEFIN HUB	ROLLER	A105-TADI-M-PO	A105-TRADI-M-PO					
6	2	250	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	A106-DPD-M-PO-55	A106-DRPD-M-PO-55	5-1/4	7-1/2	5
			MOLD-ON RUBBER	ROLLER	A106-TPD-M-PO-55	A106-TRPD-M-PO-55			
		400	THERMO-PLASTIC RUBBER	DELRIN	A106-DPD-M-PO	A106-DRPD-M-PO	5-1/4		
				ROLLER	A106-TPD-M-PO	A106-TRPD-M-PO			
		410	MOLD-ON RUBBER	ROLLER	A106-TD-M-CI	A106-TRD-M-CI	7-1/5		
		700	POLYOLEFIN	PLAIN	A106-BPO	A106-BRPO	5-1/4		
			POLYOLEFIN	ROLLER	A106-TPO	A106-TRPO			
		840	WHITE NYLON	PLAIN	A106-BNYLO	A106-BRNYLO			
		900	POLYURETHANE / POLYOLEFIN HUB	DELRIN	A106-DADI-M-PO	A106-DRADI-M-PO	7-1/2		
		1000	ADVANCED ELASTOMER	BALL	A106-XAE	A106-XRAE	7-3/4		
				DELRIN	A106-DAE	A106-DRAE			
				PRECISION BALL	A106-PXAE	A106-PXRAE			
				ROLLER	A106-TAE	A106-TRAE			
				CAST IRON	ROLLER	A106-TCI			
PHENOLIC	DELRIN			A106-DPR	A106-DRPR	6			
		ROLLER	A106-TPR	A106-TRPR					
	POLYURETHANE / CAST IRON HUB	ROLLER	A106-TADI-M-CI	A106-TRADI-M-CI	7-1/5				
	POLYURETHANE / POLYOLEFIN HUB	ROLLER	A106-TADI-M-PO	A106-TRADI-M-PO	5-1/4				
8	2	300	EXTRA SOFT THERMO-PLASTIC RUBBER	DELRIN	A108-DPD-M-PO-55	A108-DRPD-M-PO-55	7	9-1/2	6-1/8
			MOLD-ON RUBBER	ROLLER	A108-TPD-M-PO-55	A108-TRPD-M-PO-55			
		450	THERMO-PLASTIC RUBBER	DELRIN	A108-DPD-M-PO	A108-DRPD-M-PO	7		
				ROLLER	A108-TPD-M-PO	A108-TRPD-M-PO			
		500	MOLD-ON RUBBER	ROLLER	A108-TD-M-CI	A108-TRD-M-CI	11		
		900	POLYOLEFIN	PLAIN	A108-BPO	A108-BRPO	7		
			POLYOLEFIN	ROLLER	A108-TPO	A108-TRPO			
		940	WHITE NYLON	PLAIN	A108-BNYLO	A108-BRNYLO			
		1000	PHENOLIC	DELRIN	A108-DPR	A108-DRPR	8		
				ROLLER	A108-TPR	A108-TRPR			
			POLYURETHANE / POLYOLEFIN HUB	DELRIN	A108-DADI-M-PO	A108-DRADI-M-PO	7		
		1000	ADVANCED ELASTOMER	BALL	A108-XAE	A108-XRAE	9-1/2		
				DELRIN	A108-DAE	A108-DRAE			
				PRECISION BALL	A108-PXAE	A108-PXRAE			
ROLLER	A108-TAE			A108-TRAE					
CAST IRON	ROLLER			A108-TCI	A108-TRCI	13-1/2			
POLYURETHANE / CAST IRON HUB	ROLLER			A108-TADI-M-CI	A108-TRADI-M-CI	11			
	POLYURETHANE / POLYOLEFIN HUB	ROLLER	A108-TADI-M-PO	A108-TRADI-M-PO	7				



SERIES

Stainless Steel



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
4	2	225	EXTRA SOFT THERMO-PLASTIC RUBBER	DELTRIN	A104-DPD-M-PO-55-SS	A104-DRPD-M-PO-55-SS	4	5-5/8	3-9/16
				ROLLER	A104-TPD-M-PO-55-SS	A104-TRPD-M-PO-55-SS			
		300	THERMO-PLASTIC RUBBER	DELTRIN	A104-DPD-M-PO-SS	A104-DRPD-M-PO-SS	3-1/2		
				ROLLER	A104-TPD-M-PO-SS	A104-TRPD-M-PO-SS			
		500	POLYOLEFIN	PLAIN	A104-BPO-SS	A104-BRPO-SS	4		
				ROLLER	A104-TPO-SS	A104-TRPO-SS			
		600	WHITE NYLON	PLAIN	A104-BNYLO-SS	A104-BRNYLO-SS	6-1/2		
				ROLLER	A104-TNYLO-SS	A104-TRNYLO-SS			
		800	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	A104-DADI-M-PO-SS	A104-DRADI-M-PO-SS	12		
				ROLLER	A104-TADI-M-PO-SS	A104-TRADI-M-PO-SS			
		1000	PHENOLIC	DELTRIN	A104-DPR-SS	A104-DRPR-SS	7		
				ROLLER	A104-TPR-SS	A104-TRPR-SS			
BALL	A104-XAE-SS			A104-XRAE-SS					
DELTRIN	A104-DAE-SS			A104-DRAE-SS					
1000	ADVANCED ELASTOMER	ROLLER	A104-TAE-SS	A104-TRAE-SS	16				
		PLAIN	A104-BSS-SS	A104-BRSS-SS					
5	2	225	EXTRA SOFT THERMO-PLASTIC RUBBER	DELTRIN	A105-DPD-M-PO-55-SS	A105-DRPD-M-PO-55-SS	5	6-1/2	4-1/4
				ROLLER	A105-TPD-M-PO-55-SS	A105-TRPD-M-PO-55-SS			
		300	THERMO-PLASTIC RUBBER	DELTRIN	A105-DPD-M-PO-SS	A105-DRPD-M-PO-SS	4		
				ROLLER	A105-TPD-M-PO-SS	A105-TRPD-M-PO-SS			
		650	POLYOLEFIN	PLAIN	A105-BPO-SS	A105-BRPO-SS	4-1/2		
				ROLLER	A105-TPO-SS	A105-TRPO-SS			
		850	WHITE NYLON	PLAIN	A105-BNYLO-SS	A105-BRNYLO-SS	7		
				ROLLER	A105-TNYLO-SS	A105-TRNYLO-SS			
		900	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	A105-DADI-M-PO-SS	A105-DRADI-M-PO-SS	16		
				ROLLER	A105-TADI-M-PO-SS	A105-TRADI-M-PO-SS			
		1000	PHENOLIC	DELTRIN	A105-DPR-SS	A105-DRPR-SS	7		
				ROLLER	A105-TPR-SS	A105-TRPR-SS			
BALL	A105-XAE-SS			A105-XRAE-SS					
DELTRIN	A105-DAE-SS			A105-DRAE-SS					
1000	ADVANCED ELASTOMER	ROLLER	A105-TAE-SS	A105-TRAE-SS	16				
		PLAIN	A105-BSS-SS	A105-BRSS-SS					
6	2	250	EXTRA SOFT THERMO-PLASTIC RUBBER	DELTRIN	A106-DPD-M-PO-55-SS	A106-DRPD-M-PO-55-SS	5-1/4	7-1/2	5
				ROLLER	A106-TPD-M-PO-55-SS	A106-TRPD-M-PO-55-SS			
		400	THERMO-PLASTIC RUBBER	DELTRIN	A106-DPD-M-PO-SS	A106-DRPD-M-PO-SS	4-1/4		
				ROLLER	A106-TPD-M-PO-SS	A106-TRPD-M-PO-SS			
		700	POLYOLEFIN	PLAIN	A106-BPO-SS	A106-BRPO-SS	4-3/4		
				ROLLER	A106-TPO-SS	A106-TRPO-SS			
		900	WHITE NYLON	DELTRIN	A106-BNYLO-SS	A106-BRNYLO-SS	4-1/2		
				ROLLER	A106-TNYLO-SS	A106-TRNYLO-SS			
		925	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	A106-DADI-M-PO-SS	A106-DRADI-M-PO-SS	7-3/4		
				ROLLER	A106-TADI-M-PO-SS	A106-TRADI-M-PO-SS			
		1000	PHENOLIC	DELTRIN	A106-DPR-SS	A106-DRPR-SS	22-3/4		
				ROLLER	A106-TPR-SS	A106-TRPR-SS			
BALL	A106-XAE-SS			A106-XRAE-SS					
DELTRIN	A106-DAE-SS			A106-DRAE-SS					
1000	ADVANCED ELASTOMER	ROLLER	A106-TAE-SS	A106-TRAE-SS	22-3/4				
		PLAIN	A106-BSS-SS	A106-BRSS-SS					

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
8	2	300	EXTRA SOFT	DELRIN	A108-DPD-M-PO-55-SS	A108-DRPD-M-PO-55-SS	7	9-1/2	6-1/8
			THERMO-PLASTIC RUBBER	ROLLER	A108-TPD-M-PO-55-SS	A108-TRPD-M-PO-55-SS			
		450	THERMO-PLASTIC RUBBER	DELRIN	A108-DPD-M-PO-SS	A108-DRPD-M-PO-SS	5		
				ROLLER	A108-TPD-M-PO-SS	A108-TRPD-M-PO-SS			
		900	POLYOLEFIN	PLAIN	A108-BPO-SS	A108-BRPO-SS	5-1/2		
			WHITE NYLON	ROLLER	A108-TPO-SS	A108-TRPO-SS			
		950	POLYURETHANE / POLYOLEFIN HUB	DELRIN	A108-DADI-M-PO-SS	A108-DRADI-M-PO-SS	38-1/2		
				ROLLER	A108-TADI-M-PO-SS	A108-TRADI-M-PO-SS			
		1000	PHENOLIC	DELRIN	A108-DPR-SS	A108-DRPR-SS	9-1/2		
				ROLLER	A108-TPR-SS	A108-TRPR-SS			
				STAINLESS STEEL	PLAIN	A108-BSS-SS			
		1000	ADVANCED ELASTOMER	BALL	A108-XAE-SS	A108-XRAE-SS			
				DELRIN	A108-DAE-SS	A108-DRAE-SS			
				ROLLER	A108-TAE-SS	A108-TRAE-SS			

Designed to provide the ultimate

CORROSION PROTECTION

These casters are ideally suited for acetic, nitric and citric acid environments in addition to being well suited for organic and inorganic chemicals, dye stuffs, crude and refined oil environments. Widely accepted in the following industries:

- **DAIRY**
- **FOOD PROCESSING**
- **HOSPITALS & MEDICAL**
- **BEVERAGE**
- **PHARMACEUTICALS**
- **ANIMAL CAGES**

Made with non-magnetic, 303/304 stainless steel; optional 316 stainless available. Standard with swivel raceway grease seals and zerk fitting.





UNDERWRITERS
LABORATORY



INSTITUTE OF CASTER
MANUFACTURERS



INDUSTRY MANUFACTURERS COUNCIL





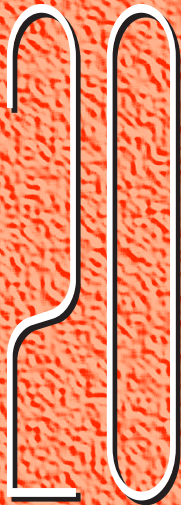
MATERIAL HANDLING
INDUSTRY
OF AMERICA®



Inflight
Food Service
Association



NSF®
NATIONAL SANITATION
FOUNDATION



SERIES

Heavy Duty Industrial

Load Capacity: 350 to 1,000 lbs.

Quality Features

- MACHINED CRAFTED SWIVEL RACEWAY.**
 Upper main load bearing consisting of top plate and base plate are precisely machined by CNC lathe to close tolerances and dimensions. The upper set of 3/8" hardened steel ball bearings carries load weight, while lower set handles lateral thrust loads.
- EXTRA-STRONG CONTINUOUSLY WELDED SIDE LEGS.**
 Yoke legs are formed from 1/4" thick steel and made wider to handle constant abuse from side thrust. Fork legs are continuously welded to yoke base for added strength and endurance.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are heat treated to a precise molecular depth and Rockwell hardness using a gas carburizing process that extends caster life under rugged conditions and shock loads.
- SEALED RACEWAYS WITH LUBE FITTING.**
 Upper raceway is permanently assembled with a neoprene grease seal. Bottom raceway is covered with a metal grease seal cap that is press fit then secured with Epoxy. Pressure fitting is provided for lubrication using convention grease guns.

Designed for heavy-duty service, construction features include 3/8" top plate, thick welded yoke, and a double ball bearing swivel raceway that is machined to close tolerances and exact dimensions. Both a neoprene seal and metal dust cap are used to prevent foreign matter from obstructing the swivel raceway. Pressure lubrication fittings are provided in both the swivel fork and the wheel axle bolt.

Used in heavy-duty applications such as:

- Heavy Machinery
- Die Setting Tables
- Computer Mainframes
- Air Cargo Dollies
- Cranes and Gantries
- Electric Pallet Lifts

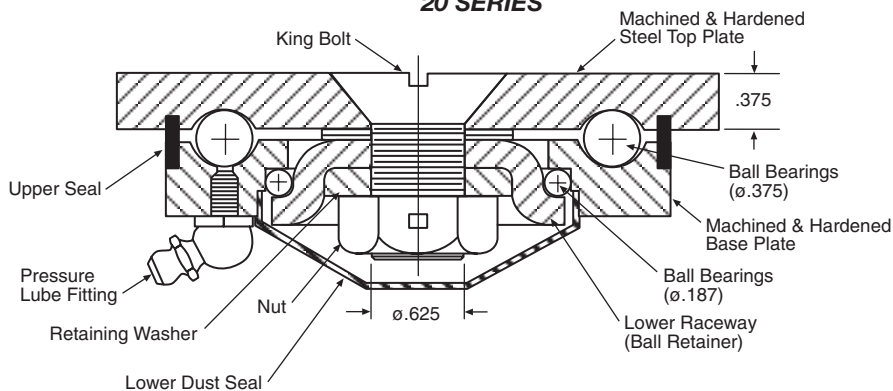
The 20 series is specifically designed to be the most heavily constructed caster of its kind. Standard finish is bright zinc.



Options

- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-marking Wheels

DOUBLE BALL BEARING SWIVEL RACEWAY 20 SERIES



Wheel Selection

ADVANCED ELASTOMER

NEOPRENE RUBBER

HI-CAP NEOPRENE

THERMO PLASTIC RUBBER

CAST IRON HUB
MOLD-ON POLYURETHANE

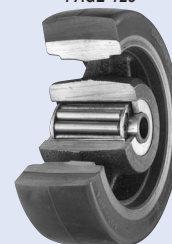
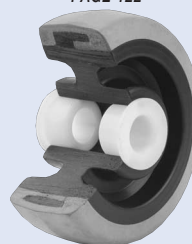
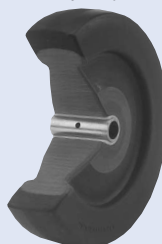
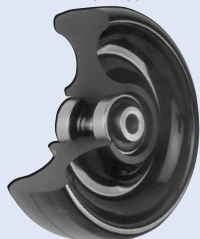
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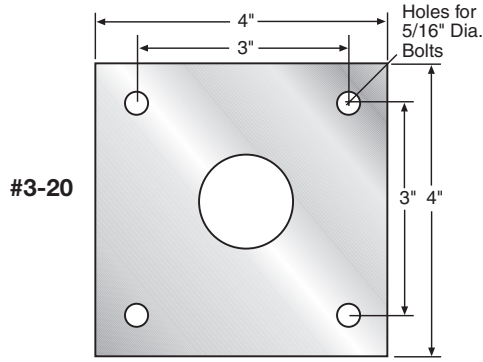
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TOP PLATE

STANDARD



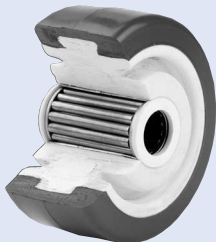
Heavy Duty Industrial

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
3	1 7/8	350	NEOPRENE RUBBER	ROLLER	23-3-TDN	23-3-TRDN	5-1/2	4-1/2	2-1/2	
		440	HI-CAP NEOPRENE	ROLLER	23-3-TKN	23-3-TRKN				
		800	HARD RUBBER	ROLLER	23-3-TH	23-3-TRH				
		1000	POLYURETHANE / CAST IRON HUB	ROLLER	23-3-TADI-M-CI	23-3-TRADI-M-CI	7			
	2	1000	CAST IRON	ROLLER	23-3-TCI	23-3-TRCI	5-1/2			
		1000	PHENOLIC	ROLLER	23-3-TPR	23-3-TRPR				
		350	NEOPRENE RUBBER	ROLLER	24-3-TDN	24-3-TRDN				6
		440	HI-CAP NEOPRENE	ROLLER	24-3-TKN	24-3-TRKN				
800	HARD RUBBER	ROLLER	24-3-TH	24-3-TRH						
1000	POLYURETHANE / CAST IRON HUB	ROLLER	24-3-TADI-M-CI	24-3-TRADI-M-CI	8-1/4					
4	1 7/8	200	EXTRA SOFT THERMO-PLASTIC RUBBER	DELTRIN	24-3-DPD-M-PO-55	24-3-DRPD-M-PO-55	4-1/2	5-1/2	3	
		300	THERMO-PLASTIC RUBBER	ROLLER	24-3-TPD-M-PO-55	24-3-TRPD-M-PO-55				
		600	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	24-3-DPD-M-PO	24-3-DRPD-M-PO				
		700	POLYOLEFIN	ROLLER	34-3-TPD-M-PO	24-3-TRPD-M-PO				
	2	750	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	24-3-DADI-M-PO	24-3-DRADI-M-PO	6			
		1000	POLYOLEFIN	ROLLER	24-3-TPO	24-3-TRPO				
		350	NEOPRENE RUBBER	ROLLER	25-3-TDN	25-3-TRDN				7-1/2
		440	HI-CAP NEOPRENE	ROLLER	25-3-TKN	25-3-TRKN				
800	HARD RUBBER	ROLLER	25-3-TH	25-3-TRH						
1000	POLYURETHANE / CAST IRON HUB	ROLLER	25-3-TADI-M-CI	25-3-TRADI-M-CI	10					
5	1 7/8	1000	CAST IRON	ROLLER	25-3-TCI	25-3-TRCI	5	6-1/2	3-1/2	
		225	EXTRA SOFT THERMO-PLASTIC RUBBER	TAPERED ROLLER	25-3-YCI	25-3-YRCI				
		350	THERMO-PLASTIC RUBBER	DELTRIN	25-3-DPD-M-PO-55	25-3-DRPD-M-PO-55				
		800	POLYURETHANE / CAST IRON HUB	ROLLER	25-3-TPD-M-PO-55	25-3-TRPD-M-PO-55				
	2	800	POLYOLEFIN	DELTRIN	25-3-DPD-M-PO	25-3-DRPD-M-PO	10			
		850	POLYURETHANE / POLYOLEFIN HUB	ROLLER	25-3-TPD-M-PO	25-3-TRPD-M-PO				
		1000	POLYOLEFIN	ROLLER	25-3-TPO	25-3-TRPO				
		1000	PHENOLIC	ROLLER	25-3-TPR	25-3-TRPR				7-1/2
1000	POLYURETHANE / POLYOLEFIN HUB	ROLLER	25-3-TADI-M-PO	25-3-TRADI-M-PO	5					

POLYOLEFIN HUB

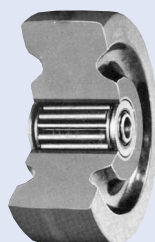
POLYURETHANE

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PHENOLIC

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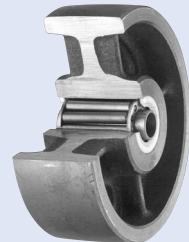
POLYOLEFIN

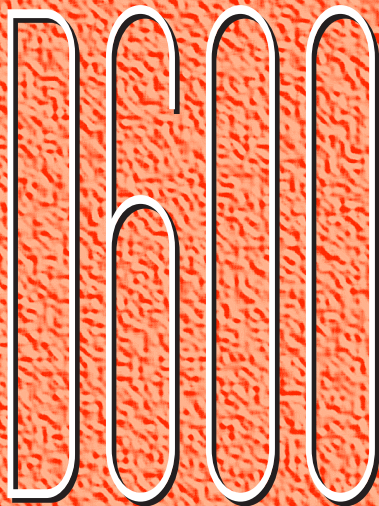
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CAST IRON

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SERIES

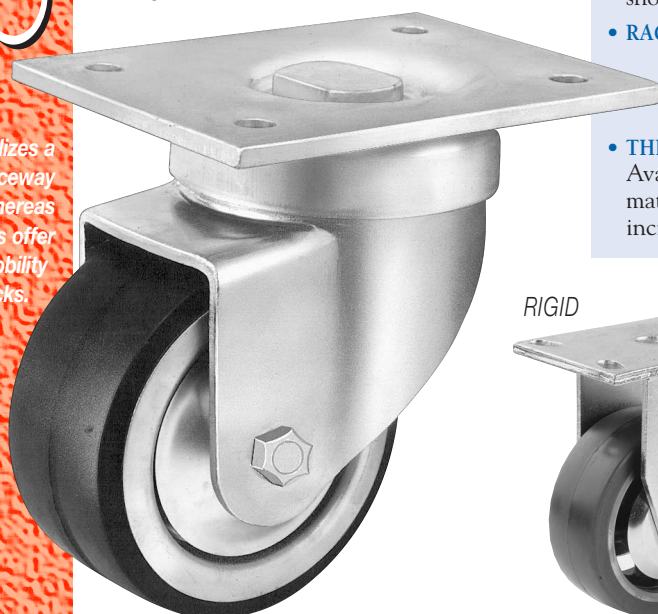
Heavy Duty Industrial

Load Capacity: 550 to 1,500 lbs.

Quality Features

- **FOUR-SIDED DOUBLE BALL BEARING RACEWAY.**
Hardened steel ball bearings in the main load bearing and secondary thrust bearings touch the swivel raceway "on all four sides." This protects the central king pin from shock loading for free swiveling under heavy loads.
- **HEAT-TREATED MOVING PARTS.**
All moving parts are heat treated to a precise molecular depth and Rockwell hardness. This extends caster life under rugged conditions and shock loads.
- **RACEWAY DUST CAP.**
Dust caps protect the raceway from contamination by dust, dirt, moisture, and other debris.
- **THREAD GUARDS.**
Available on most wheels, keeps unwanted materials out of the wheel bearings thus increasing the life of the caster.

SWIVEL



RIGID



Options

- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Gray, Non-marking Wheels
- Powder Coated Finishes

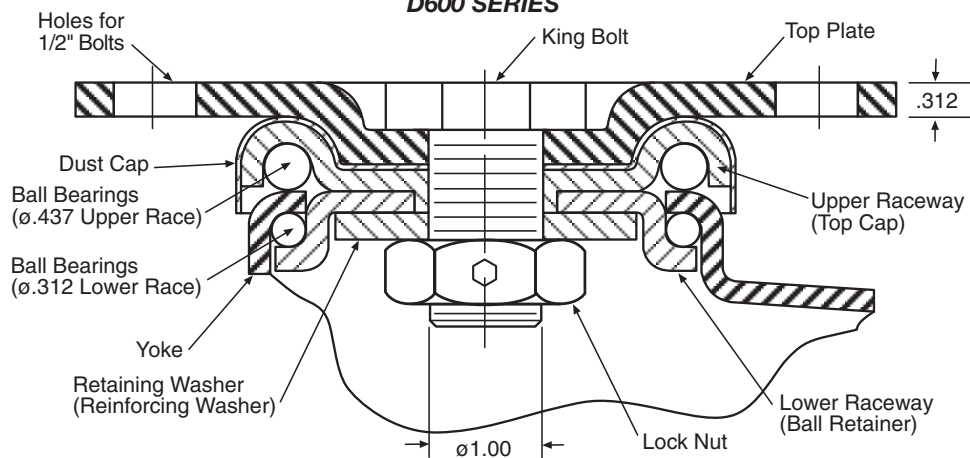
Super strong construction utilizes a formed steel yoke and large raceway to provide greater load capacity, whereas 2-1/2" wide wheels with lube fittings offer better floor protection and easy mobility over floor bumps and cracks.

Used primarily in heavy-duty applications such as:

- Factory Trucks
- Textile Trucks
- Laundry Carts
- Stabilizing Jacks
- Storage Containers

Holds up extremely well under constant use and abuse. Standard finish is corrosion resistant zinc plating.

FOUR SIDED DOUBLE BALL BEARING RACEWAY D600 SERIES



Wheel Selection

NEOPRENE RUBBER

HI-CAP NEOPRENE

STEEL DISC

HARD RUBBER

MOLD-ON NEOPRENE

CAST IRON HUB
MOLD-ON POLYURETHANE

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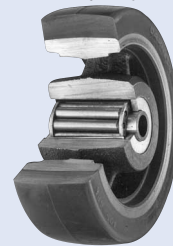
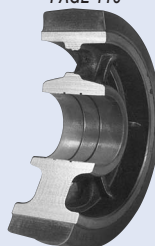
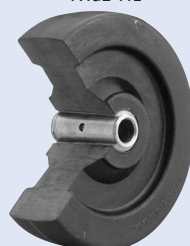
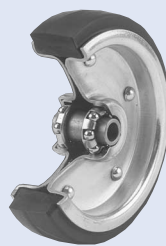
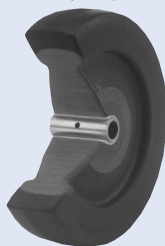
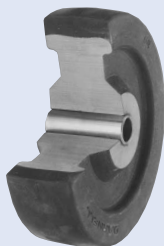
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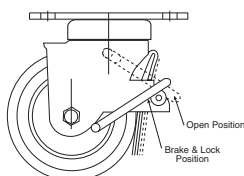
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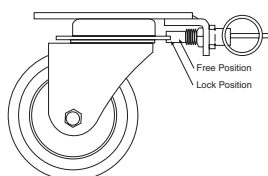
BRAKES

Heavy Duty Combination (CB)



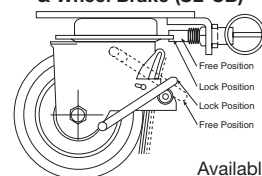
This combination swivel and wheel brake was especially designed for heavy equipment that must be made firmly immobile. The wheel brake is constructed in conjunction with the swivel and the wheel will not roll. The overall height of this caster with the brake applied or released remains the same, even when used with companion casters as a swivel or rigid. Available in 6" and 8" only.

Four Position Swivel Lock (SL)



A horizontal four position swivel lock with spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into neutral position for free swiveling action.

Combination Four Position Swivel Lock & Wheel Brake (SL-CB)



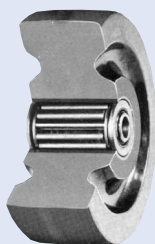
Available 6"-8"

This combination horizontal four position swivel lock and wheel brake was designed to work together or operate independently from one another. Both the swivel lock plunger and the wheel brake operate from a spring steel action to assure a positive operation. CB Available in 6" and 8" only.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius		
5	2 ³ / ₁₆	550	STEEL DISC NEOPRENE	ROLLER	605-6-TDN-T-SD	605-6-TRDN-T-SD	15	7-1/16	4-1/2		
		600	STEEL DISC HI-CAP NEOPRENE	ROLLER	605-6-TKN-T-SD	605-6-TRKN-T-SD	13-3/4				
		1200	STEEL DISC POLYURETHANE	ROLLER	605-6-TADI-T-SD	605-6-TRADI-T-SD	15				
		1400	CAST IRON	ROLLER	605-6-TCI	605-6-TRCI	15-1/2				
	2 ¹ / ₂	550	NEOPRENE RUBBER	ROLLER	605-6-TDN	605-6-TRDN	13-3/4			8-1/8	4-3/4
		700	HI-CAP NEOPRENE	ROLLER	605-6-TKN	605-6-TRKN					
		1000	HARD RUBBER	ROLLER	605-6-TH	605-6-TRH					
6	2 ³ / ₁₆	550	STEEL DISC NEOPRENE	ROLLER	606-6-TDN-T-SD	606-6-TRDN-T-SD	15	18-1/4	15		
		600	STEEL DISC HI-CAP NEOPRENE	ROLLER	606-6-TKN-T-SD	606-6-TRKN-T-SD	17-1/2				
		1200	STEEL DISC POLYURETHANE	ROLLER	606-6-TADI-T-SD	606-6-TRADI-T-SD	18-1/4				
		1400	POLYURETHANE / CAST IRON HUB	ROLLER	606-6-TADI-M-CI	606-6-TRADI-M-CI					
		1500	CAST IRON	TAPERED ROLLER	606-6-YADI-M-CI	606-6-YRADI-M-CI					
	2 ¹ / ₂	550	NEOPRENE RUBBER	ROLLER	606-6-TDN	606-6-TRDN	15				
		700	MOLD-ON NEOPRENE	TAPERED ROLLER	606-6-YDN-M-CI	606-6-YRDN-M-CI					
		875	HI-CAP NEOPRENE	ROLLER	606-6-TKN	606-6-TRKN					
		1000	MOLD-ON HI-CAP NEOPRENE	ROLLER	606-6-TKN-M-CI	606-6-TRKN-M-CI					
		1000	HARD RUBBER	ROLLER	606-6-TH	606-6-TRH					
8	1 ³ / ₄	550	STEEL DISC NEOPRENE	ROLLER	608-6-TDN-T-SD	608-6-TRDN-T-SD	18	10-3/16	5-7/8		
		700	STEEL DISC HI-CAP NEOPRENE	ROLLER	608-6-TKN-T-SD	608-6-TRKN-T-SD					
		1500	STEEL DISC POLYURETHANE	ROLLER	608-6-TADI-T-SD	608-6-TRADI-T-SD					
	2 ¹ / ₄	1500	CAST IRON	ROLLER	608-6-TCI	608-6-TRCI	21				
				TAPERED ROLLER	608-6-YCI	608-6-YRCI					
	2 ¹ / ₂	700	MOLD-ON NEOPRENE	TAPERED ROLLER	608-6-YDN-M-CI	608-6-YRDN-M-CI	16				
			NEOPRENE RUBBER	ROLLER	608-6-TDN	608-6-TRDN					
		1000	HARD RUBBER	ROLLER	608-6-TH	608-6-TRH					
			PHENOLIC	ROLLER	608-6-TPR	608-6-TRPR					
		1400	POLYURETHANE / CAST IRON HUB	ROLLER	608-6-TADI-M-CI	608-6-TRADI-M-CI					
	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	608-6-YADI-M-CI	608-6-YRADI-M-CI	21						

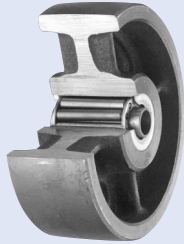
PHENOLIC

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CAST IRON

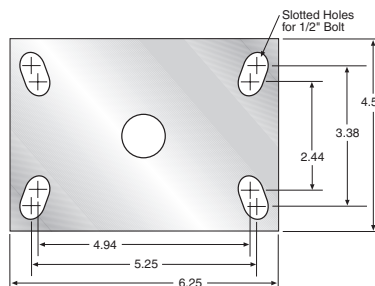
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TOP PLATE

STANDARD

#6



R400

SERIES

Forged Steel
Medium-Heavy Duty

Load Capacity: 300 to 1,800 lbs.

Quality Features

- **HOT FORGED SWIVEL RACEWAY.**
SAE-1050 hot forged steel assembly with acutely formed and matched raceways that contain a full complement of 3/8" diameter polished alloy steel ball bearings. Secondary raceway uses tapered roller bearing for added endurance.
- **ADJUSTABLE KING PIN.**
Special 3/4" diameter integral forged king pin bolt and nut is fully adjustable whenever necessary.
- **LUBRICATION FITTINGS.**
Easily accessible pressure fitting is added to main and secondary ball race, and to wheel bearings through either a fitting in the head of axle.
- **REINFORCED WELDED FORK LEGS.**
Side forks are extra-wide, offset, and continuously welded for added strength.

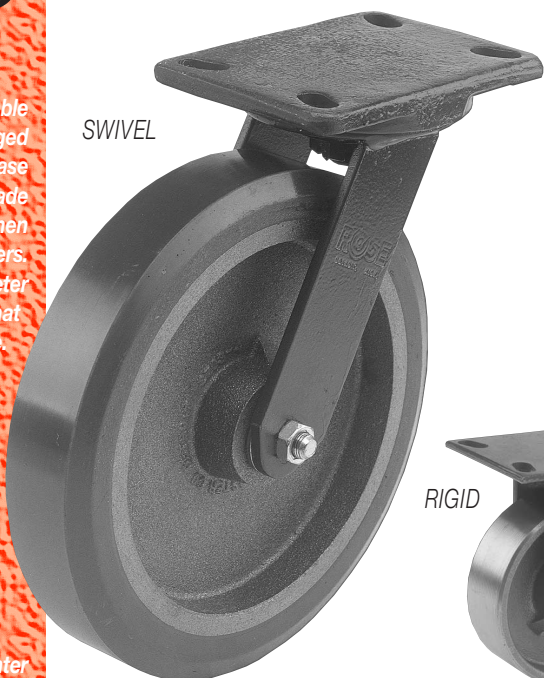
This series is the strongest caster available with standard 2" wheel width. Hot forged top plate, bottom retainer, and yoke base are all made with SAE-1050 quality grade steel to provide superior strength when compared to stamped metal casters.

King pin is a special 5/8" diameter hardened alloy steel bolt and nut that is fully adjustable.

Typical uses include:

- Heavy Drywall Carts
- Glass Transfer Trucks
- Lumber Carts and Dollies
- Jigs and Fixtures
- Light-Duty Trailers

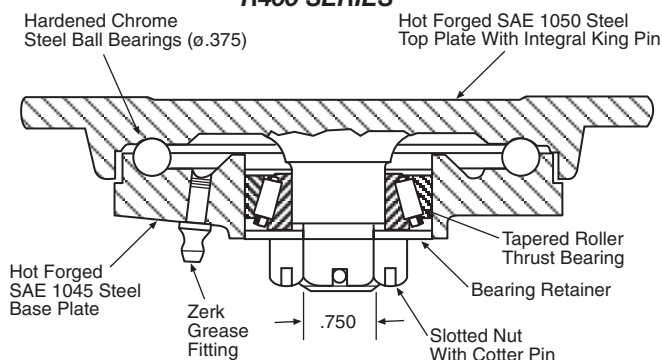
The perfect replacement caster for lighter duty stamped casters that don't hold up under severe applications. Standard finish is industrial blue enamel.



Options

- Wheel Thread Guard
- Grease Seals for Swivel Raceways
- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels

SWIVEL BEARING RACEWAY R400 SERIES

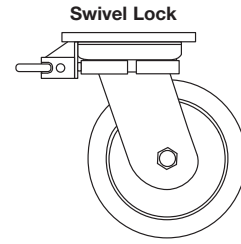
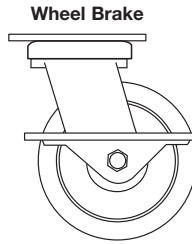
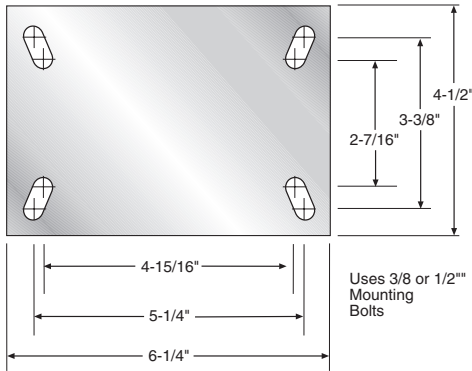


Wheel Selection

CAST IRON HUB	CAST IRON HUB	CAST IRON HUB	CAST IRON HUB	PHENOLIC	CAST IRON
ADVANCED ELASTOMER	MOLD-ON RUBBER	MOLD-ON POLYURETHANE	MOLD-ON SOFT POLY		
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TOP PLATE

BRAKES



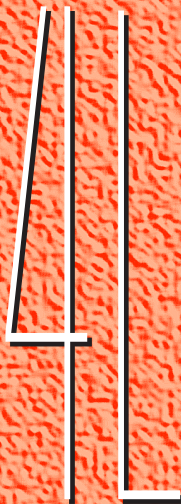
Wheel Brake

This wheel brake is an inexpensive, yet effective way to render all types of equipment safe while being stored, loaded or unloaded. Operation is simple and straightforward. Pressing down firmly on either end of the brake pedal actuates a camming mechanism which locks the wheel against rotation. Returning the pedal to “neutral” (horizontal to floor-line) unlocks the brake and enables the caster to “free-wheel” once again.

Swivel Lock

This plunger-type swivel lock, with cast malleable iron body can be welded to any of the light-duty casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
3 1/4	2	700	CAST IRON	ROLLER	SC-432-CI	RC-432-CI	6-4/5	5-1/4	3-3/16
			PHENOLIC	ROLLER	SC-432-PR	RC-432-PR	5-3/10		
4	2	300	MOLD-ON RUBBER	ROLLER	SC-442-RS	RC-442-RS	6-9/10	5-5/8	3-9/16
		580	ADVANCED ELASTOMER	PRECISION BALL	SC-442-PXAE	RC-442-PXAE	7-1/10		
			POLYURETHANE / CAST IRON HUB	ROLLER	SC-442-TAE	RC-442-TAE			
			SOFT POLY / CAST IRON HUB	ROLLER	SC-442-PS	RC-442-PS			
		800	PHENOLIC	ROLLER	SC-442-PR	RC-442-PR	5-1/2		
1100	CAST IRON	ROLLER	SC-442-CI	RC-442-CI	8-7/10				
5	2	350	MOLD-ON RUBBER	ROLLER	SC-452-RS	RC-452-RS	8-3/5	6-1/2	4-1/4
		700	ADVANCED ELASTOMER	PRECISION BALL	SC-452-PXAE	RC-452-PXAE	8-1/2		
			POLYURETHANE / CAST IRON HUB	ROLLER	SC-452-TAE	RC-452-TAE			
			SOFT POLY / CAST IRON HUB	ROLLER	SC-452-PS	RC-452-PS			
		1000	PHENOLIC	ROLLER	SC-452-PR	RC-452-PR	6-9/10		
1300	CAST IRON	ROLLER	SC-452-CI	RC-452-CI	10-1/10				
6	2	410	MOLD-ON RUBBER	ROLLER	SC-462-RS	RC-462-RS	11-2/5	7-1/2	5
			ROLLER	SC-463-RS	RC-463-RS	12-3/10	8-1/2	5-1/8	
		1200	PHENOLIC	ROLLER	SC-462-PR	RC-462-PR	8-1/2	7-1/2	5
				ROLLER	SC-463-PR	RC-463-PR	9-2/5	8-1/2	5-1/8
		1500	ADVANCED ELASTOMER	PRECISION BALL	SC-462-PXAE	RC-462-PXAE	11-2/5	7-1/2	5
				PRECISION BALL	SC-463-PXAE	RC-463-PXAE	12-3/10	8-1/2	5-1/8
				ROLLER	SC-462-TAE	RC-462-TAE	11-2/5	7-1/2	5
				ROLLER	SC-463-TAE	RC-463-TAE	12-3/10	8-1/2	5-1/8
				ROLLER	SC-462-PS	RC-462-PS	11-2/5	7-1/2	5
				ROLLER	SC-463-PS	RC-463-PS	12-3/10	8-1/2	5-1/8
1600	CAST IRON	ROLLER	SC-462-PS8	RC-462-PS8	11-2/5	7-1/2	5		
		ROLLER	SC-463-PS8	RC-463-PS8	12-3/10	8-1/2	5-1/8		
1600	CAST IRON	ROLLER	SC-462-CI	RC-462-CI	12-3/5	7-1/2	5		
		ROLLER	SC-463-CI	RC-463-CI	13-1/2	8-1/2	5-1/8		
8	2	500	MOLD-ON RUBBER	ROLLER	SC-482-RS	RC-482-RS	14	9-1/2	6-1/8
		1400	PHENOLIC	ROLLER	SC-482-PR	RC-482-PR	10-3/5		
				PRECISION BALL	SC-482-PXAE	RC-482-PXAE	14		
		1600	ADVANCED ELASTOMER	ROLLER	SC-482-TAE	RC-482-TAE			
			POLYURETHANE / CAST IRON HUB	ROLLER	SC-482-PS	RC-482-PS			
1800	CAST IRON	ROLLER	SC-482-PS8	RC-482-PS8	16-3/10				
10	2	650	MOLD-ON RUBBER	ROLLER	SC-4102-RS	RC-4102-RS	19	11-1/2	7-3/4
		1700	POLYURETHANE / CAST IRON HUB	ROLLER	SC-4102-PS	RC-4102-PS			
			SOFT POLY / CAST IRON HUB	ROLLER	SC-4102-PS8	RC-4102-PS8			



SERIES

Heavy Duty Industrial

Load Capacity: 550 to 2,000 lbs.

Quality Features

- MACHINED CRAFTED SWIVEL RACEWAY.**
 Upper raceway consisting of 3/8" hardened steel top plate and base plate are precisely machined by CNC lathe to close tolerances and dimensions. The upper set of 3/8" hardened steel ball bearings carries load weight, while lower set handles lateral thrust loads.
- CONTINUOUSLY WELDED SIDE LEGS.**
 Yoke legs are made wider to handle constant abuse from side thrust. Both sides are continuously welded to yoke base for added strength and endurance.
- HEAT-TREATED MOVING PARTS.**
 All moving parts are heat treated to a precise molecular depth and Rockwell hardness using a gas carburizing process that extends caster life under rugged conditions and shock loads.
- SEALED RACEWAYS WITH LUBE FITTING.**
 Upper raceway is permanently assembled with a neoprene grease seal. Bottom raceway is covered with a metal grease seal cap that is press fit then secured with Epoxy. Pressure fitting is provided for lubrication using conventional grease guns.

SWIVEL



RIGID

Options

- Conductive or Static-Dissipative Wheels
- Gray, Non-marking Wheels
- Special Finishes

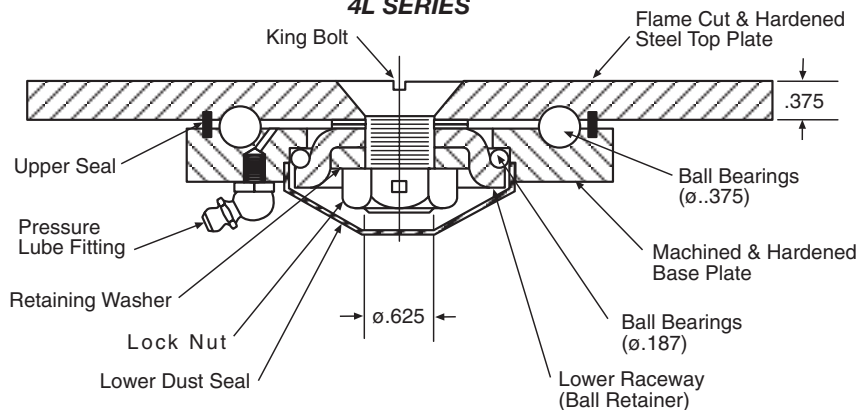
Designed to produce the lowest overall height possible given the wheel diameter and load capacity required. The extra-large diameter ball races in the swivel raceway provides an adequate safety factor for the large offset in this series. This extended offset ensures ease in swiveling and reduces caster shimmy.

Used very often in the following applications:

- Industrial Trucks
- Engine Stands
- Towing Carts
- Remote Guided Vehicles
- Air Cargo Containers
- Storage Tanks

Sealed upper raceway and dust cap over lower raceway helps retain grease and keeps unwanted debris from clogging the swivel. Standard finish is "Laguna Blue."

DOUBLE BALL BEARING SWIVEL RACEWAY 4L SERIES

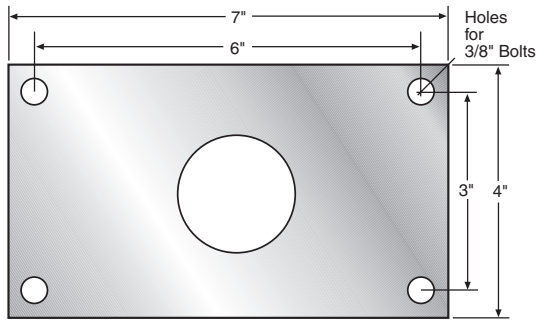


Wheel Selection

NEOPRENE RUBBER	HI-CAP NEOPRENE	HARD RUBBER	NEOPRENE OR POLYURETHANE STEEL DISC	CAST IRON HUB MOLD-ON POLYURETHANE	PHENOLIC
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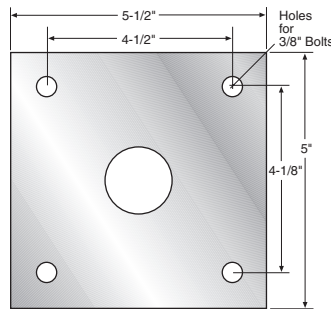
TOP PLATE

STANDARD

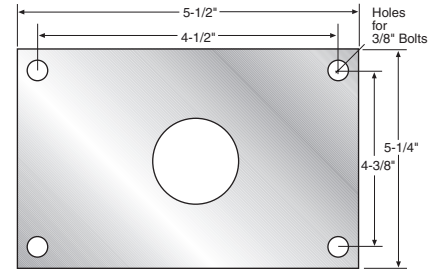


#4L

ALTERNATES



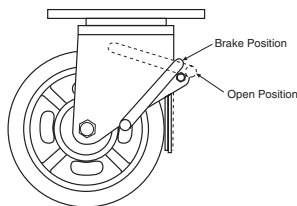
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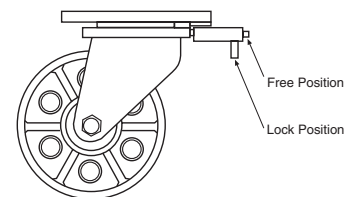
#5-4L

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius			
5	2 ³ / ₁₆	550	STEEL DISC NEOPRENE	ROLLER	4L5-TDN-T-SD	4L5-TRDN-T-SD	10-1/2	6-1/4	4-1/2			
		1000	CAST IRON	ROLLER	4L5-TCI	4L5-TRCI	12-1/4					
			STEEL DISC POLYURETHANE	ROLLER	4L5-TADI-T-SD	4L5-TRADI-T-SD	10-1/2					
	2 ¹ / ₂	550	NEOPRENE RUBBER	ROLLER	4L5-TDN	4L5-TRDN	10-1/2					
		700	HI-CAP NEOPRENE	ROLLER	4L5-TKN	4L5-TRKN	10-1/2					
		1000	HARD RUBBER	ROLLER	4L5-TH	4L5-TRH	10-1/2					
6	2 ³ / ₁₆	1100	POLYURETHANE / CAST IRON HUB	ROLLER	4L6-TADI-M-CI	4L6-TRADI-M-CI	13-1/2	7-1/4	5			
		1200	STEEL DISC POLYURETHANE	ROLLER	4L6-TADI-T-SD	4L6-TRADI-T-SD	13-1/2					
	2 ¹ / ₂	550	STEEL DISC NEOPRENE	ROLLER	4L6-TDN-T-SD	4L6-TRDN-T-SD	11-1/2					
		700	NEOPRENE RUBBER	ROLLER	4L6-TDN	4L6-TRDN	11-1/2					
		1000	CAST IRON	ROLLER	4L6-TCI	4L6-TRCI	11-1/2					
			HARD RUBBER	ROLLER	4L6-TH	4L6-TRH	11-1/2					
	8	1 ³ / ₄	550	STEEL DISC NEOPRENE	ROLLER	4L8-TDN-T-SD	4L8-TRDN-T-SD			14	9-1/4	6-3/8
			1500	STEEL DISC POLYURETHANE	ROLLER	4L8-TADI-T-SD	4L8-TRADI-T-SD			16		
2 ¹ / ₄		1500	CAST IRON	ROLLER	4L8-TCI	4L8-TRCI	19					
				TAPERED ROLLER	4L8-YCI	4L8-YRCI	19					
2 ¹ / ₂		700	NEOPRENE RUBBER	ROLLER	4L8-TDN	4L8-TRDN	14					
			HARD RUBBER	ROLLER	4L8-TH	4L8-TRH	14					
		1000	POLYURETHANE / CAST IRON HUB	ROLLER	4L8-TADI-M-CI	4L8-TRADI-M-CI	19-1/2					
				TAPERED ROLLER	4L8-YADI-M-CI	4L8-YRADI-M-CI	19-1/2					
2000	PHENOLIC	ROLLER	4L8-TPR	4L8-TRPR	14							
10	2	400	STEEL DISC NEOPRENE	SEALED ROLLER	4L10-TBDN-T-SD	4L10-TBRDN-T-SD	18-1/2	11-1/4	7-1/2			
		875	STEEL DISC HI-CAP NEOPRENE	SEALED ROLLER	4L10-TBKN-T-SD	4L10-TBRKN-T-SD						
		1500	STEEL DISC POLYURETHANE	SEALED ROLLER	4L10-TBADI-T-SD	4L10-TBRADI-T-SD						

Heavy Duty Wheel Brake (HDWB)

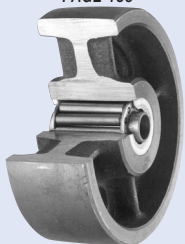


Four Position Swivel Lock (SL)



CAST IRON

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Operates by a foot pedal lever that has a rubber brake pad to form a positive brake action when the brake lever is pressed down to engage. To restore back to the normal position, simply reverse the action to disengage the brake. Easy to operate and trouble free.

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into neutral position for free swiveling action.

R600

SERIES

Heavy Duty Forged Steel

Load Capacity: 300 to 3,000 lbs.

Quality Features

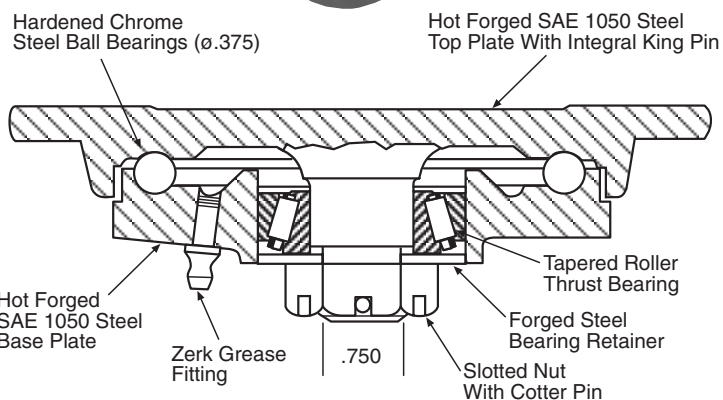
- INTEGRALLY FORGED KING PIN.**
 Solid 1" king pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- HOT FORGED STEEL CONSTRUCTION.**
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 3/8" hardened chrome steel load bearings and tapered thrust bearing.
- FLAME HARDENED SWIVEL RACEWAY.**
 All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.
- CONTINUOUSLY WELDED FORK LEGS.**
 Side forks are made of 3/8" thick steel plate and are continuously welded on both sides for added strength.
- LOCKED WHEEL AXLE.**
 Steel axle bolt is locked in position with indexing lance in side fork to prevent unwanted movement.

SWIVEL



RIGID

SWIVEL BEARING RACEWAY R600 SERIES



This very strong forged steel caster is offered with a wide variety of wheels along with lower overall heights to keep this caster solid, sturdy and compact. Hot forged top plate, yoke base and bearing retainer are made with SAE-1050 steel and features a strong integrated king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

Typical uses include:

- Automotive Floor Trucks
- Maintenance Platforms
- Mill and Foundry Equipment
- Large Storage Tanks
- Steel Scrap Bins

This caster takes advantage of minimal swivel leads, low overall heights, and hot forged construction to provide maximum strength and load capacity. Standard finish is Industrial Blue enamel.



Wheel Selection

CAST IRON HUB

CAST IRON HUB

CAST IRON HUB

ADVANCED ELASTOMER

MOLD-ON RUBBER

MOLD-ON POLYURETHANE

MOLD-ON SOFT POLY

PHENOLIC

CAST IRON

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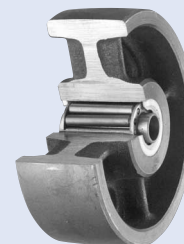
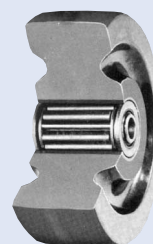
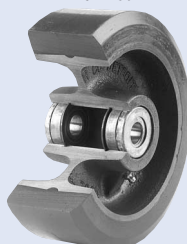
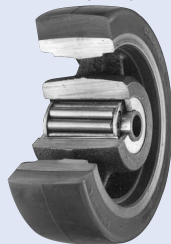
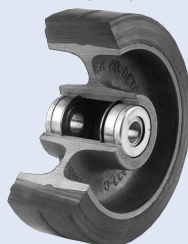
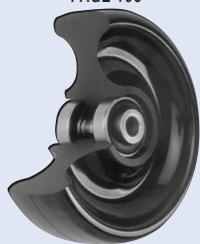
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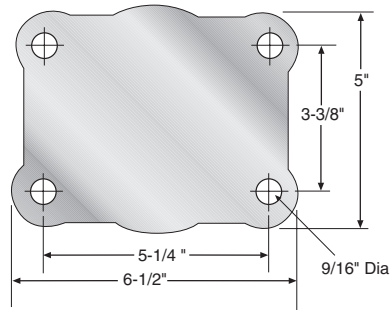
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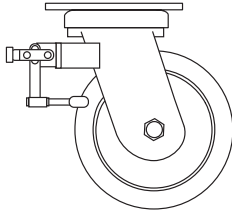
TOP PLATE



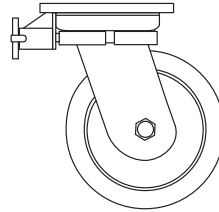
*Heavy Duty
Forged Steel*

BRAKES

Universal Wheel Brake



Heavy Duty Swivel Lock



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings.. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the heavy-duty casters.

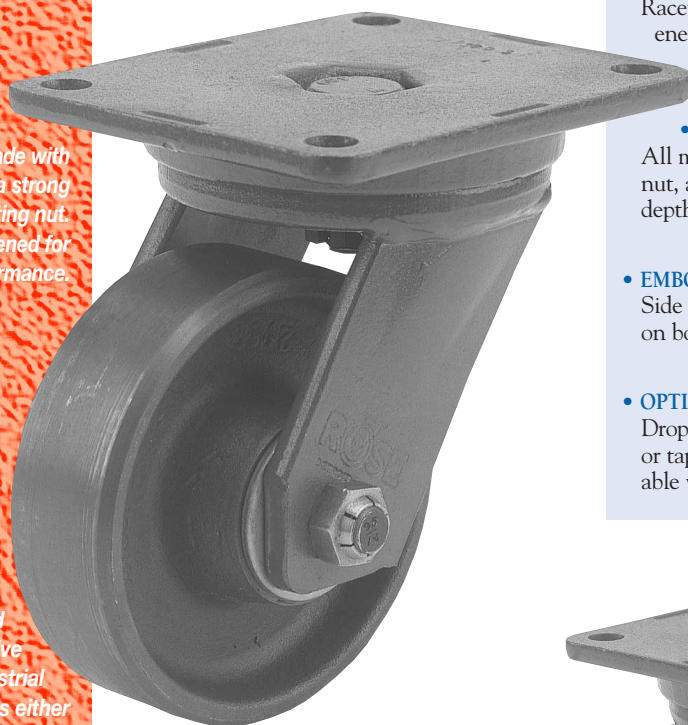
Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
4	2	300	MOLD-ON RUBBER	ROLLER	SC-642-RS	RC-642-RS	12-7/10	7	3-3/4
		480	SOFT POLY / CAST IRON HUB		SC-642-PS8	RC-642-PS8	12-4/5		
		580	POLYURETHANE / CAST IRON HUB		SC-642-PS	RC-642-PS	12-4/5		
		1100	CAST IRON		SC-642-CI	RC-642-CI	16-3/10		
5	2	350	MOLD-ON RUBBER	ROLLER	SC-652-RS	RC-652-RS	12-9/10	7-1/2	4-1/4
		550	SOFT POLY / CAST IRON HUB		SC-652-PS8	RC-652-PS8	13-1/10		
		700	POLYURETHANE / CAST IRON HUB		SC-652-PS	RC-652-PS	13-1/10		
		1300	CAST IRON		SC-652-CI	RC-652-CI	15		
	2 1/2	1800	CAST IRON		SC-653-CI	RC-653-CI	17	7-3/8	
5 3/4	1 3/4	3000	DROP FORGED STEEL	ROLLER	SC-663-FS	RC-663-FS	19	7-3/4	4-5/8
	2 1/2	3000	CAST IRON		SC-662-CI	RC-662-CI	20-1/2		
6	2	410	MOLD-ON RUBBER	ROLLER	SC-664-RS	RC-664-RS	15-9/10	7-7/8	4-3/4
		600	SOFT POLY / CAST IRON HUB		SC-665-RS	RC-665-RS	16		
		1500	POLYURETHANE / CAST IRON HUB		SC-664-PS8	RC-664-PS8	8		
		1600	CAST IRON		SC-665-PS8	RC-665-PS8	17		
		540	MOLD-ON RUBBER		SC-664-PS	RC-664-PS	16		
		600	SOFT POLY / CAST IRON HUB		SC-665-PS	RC-665-PS	17		
		1650	ADVANCED ELASTOMER		SC-664-CI	RC-664-CI	16-1/2		
		3000	CAST IRON		SC-669-RS	RC-669-RS	17-2/5		
		600	SOFT POLY / CAST IRON HUB		SC-669-PS8	RC-669-PS8	20-1/10		
1650	POLYURETHANE / CAST IRON HUB	SC-669-AE	RC-669-AE	7-7/8					
3000	CAST IRON	SC-669-PS	RC-669-PS	22					
8	2	500	MOLD-ON RUBBER	ROLLER	SC-682-RS	RC-682-RS	19-1/2	9-7/8	6-1/4
		1560	SOFT POLY / CAST IRON HUB		SC-682-PS8	RC-682-PS8	19-2/5		
		1600	POLYURETHANE / CAST IRON HUB		SC-682-PS	RC-682-PS	19-1/5		
		1800	CAST IRON		SC-682-CI	RC-682-CI	19-1/5		
10	2	650	MOLD-ON RUBBER	ROLLER	SC-6102-RS	RC-6102-RS	21-1/2	11-3/4	7-1/2
		1680	SOFT POLY / CAST IRON HUB		SC-6102-PS8	RC-6102-PS8	21-3/10		
		1950	POLYURETHANE / CAST IRON HUB		SC-6102-PS	RC-6102-PS	21-3/10		

ROSE

SERIES

Forged Steel Body
Dolly Caster

SWIVEL



Load Capacity: 3,000 lbs.

Quality Features

- SPECIAL KING BOLT ASSEMBLY.**
 Utilizes a special SAE-8640 hardened steel king bolt to meet the severe and rugged demands of automotive line assembly. Used with a slotted nut to allow for proper bearing adjustment whenever necessary.
- HOT FORGED STEEL CONSTRUCTION.**
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 1/2" hardened chrome steel load bearings and tapered thrust bearing.
- COMPLETELY HEAT-TREATED.**
 All metal parts, including wheel, axle bolt and nut, are heat-treated to a specific molecular depth and Rockwell hardness.
- EMBOSSSED AND WELDED FORK LEGS.**
 Side forks are embossed and continuously welded on both sides for added strength.
- OPTIONAL WHEEL BEARINGS**
 Drop forged wheel is offered with either straight or tapered roller bearings. Metal seal is also available with straight roller bearing.

Designed to automotive standards for car and truck body assembly lines. Hot forged top plate, yoke base and bearing retainer are made with SAE-1050 steel and features a strong king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

Typically used for:

- Body Line Assembly
- Service Carts
- Conveyor Tow Lines
- Pallet Haulers
- Large Scrap Bins

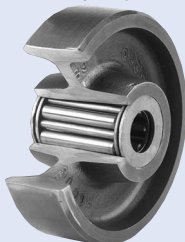
The rugged design and material strength makes this caster stand alone, whether used on automotive assembly lines or in general industrial applications. Standard finish is either red or blue enamel.



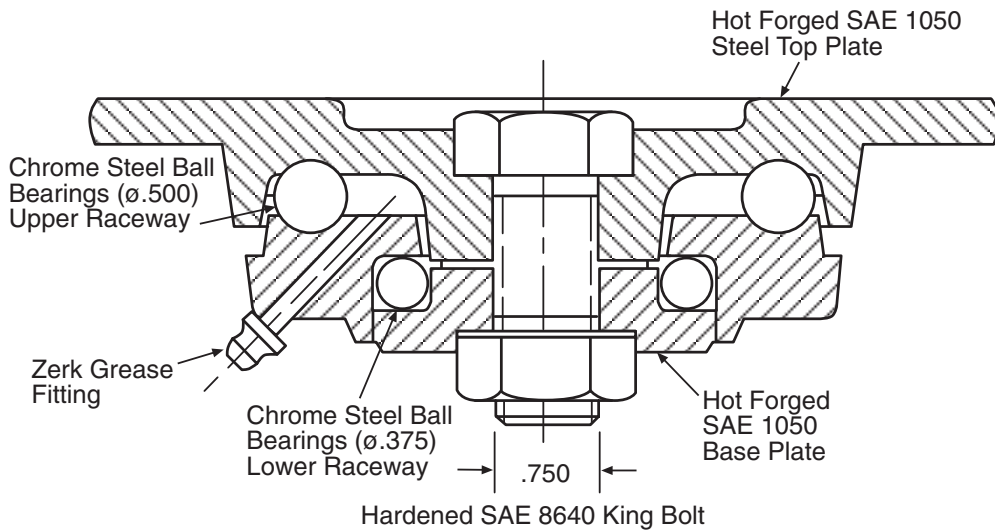
Wheel Selection

DROP FORGED STEEL

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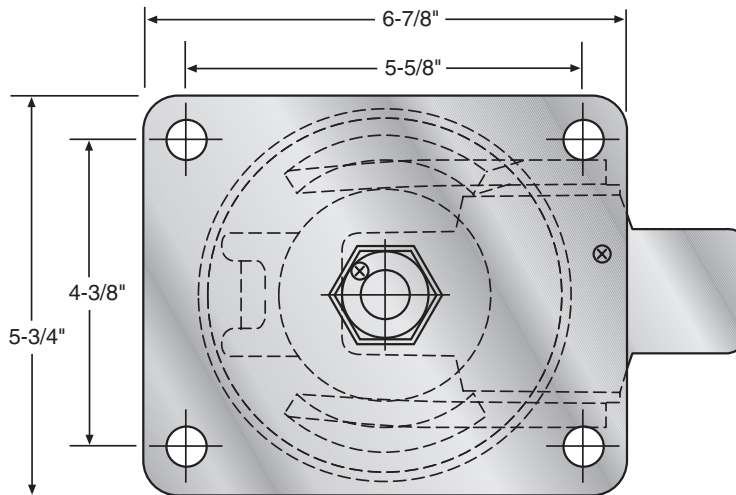


**SWIVEL BEARING RACEWAY
R695 SERIES**



**Forged
Steel Body
Dolly Caster**

TOP PLATE



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
5³/₄	1³/₄	3000	DROP FORGED STEEL	ROLLER	SC-695-C SC-695-CZ	N/A N/A	21	7-5/8	4-5/8
				TAPERED ROLLER	SC-695-D	N/A			

Members of:

R650

SERIES

Heavy Duty
Forged Steel

Load Capacity: 540 to 3,300 lbs.

Quality Features

- INTEGRALLY FORGED KING PIN.**
 Solid 1" king pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- HOT FORGED STEEL CONSTRUCTION.**
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 1/2" hardened chrome steel load bearings and tapered thrust bearing.
- FLAME HARDENED SWIVEL RACEWAY.**
 All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.
- EMBOSSSED AND WELDED FORK LEGS.**
 Side forks are embossed and continuously welded on both sides for added strength.
- LOCKED WHEEL AXLE.**
 Steel axle bolt is locked in position with indexing lance in side fork to prevent unwanted movement.

SWIVEL



RIGID



The 650 series offered with an industry standard top plate size and mounting bolt pattern, but it delivers above standard performance for strength and durability. Hot forged top plate, yoke base and bearing retainer are made with SAE-1050 steel and features a strong integrated king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

Common applications include:

- Towing Trailers
- Wire and Steel Storage
- Auto Tire Hauling
- Movable Drum Pallets
- Freight and Cargo Handling

Standard mounting plate dimensions make this caster easy to retrofit on existing equipment. Standard finish is industrial blue enamel.



Wheel Selection

CAST IRON HUB

CAST IRON HUB

CAST IRON HUB

MOLD-ON RUBBER

MOLD-ON POLYURETHANE

MOLD-ON SOFT POLY

PHENOLIC

CAST IRON

ADVANCED ELASTOMER

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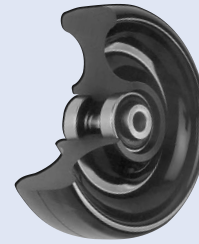
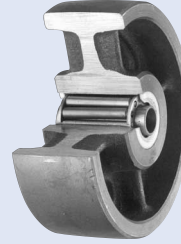
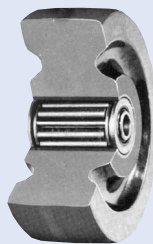
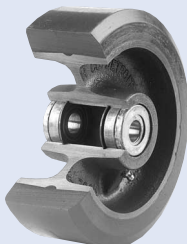
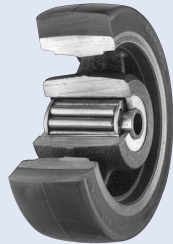
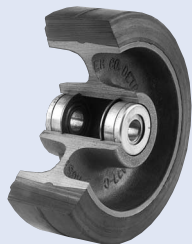
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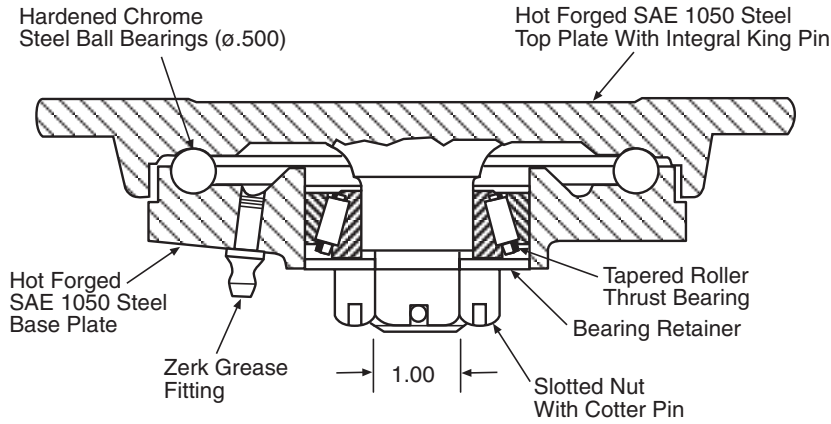
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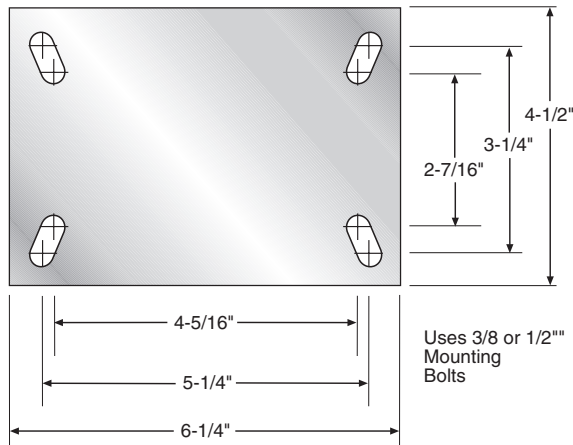


**SWIVEL BEARING RACEWAY
R650 SERIES**



**Heavy Duty
Forged Steel**

TOP PLATE



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
6	2	2000	DROP FORGED STEEL	TAPERED ROLLER	SC-651-6-FS	RC-651-6-FS	18	7-3/4	5
					SC-653-6-FS	RC-653-6-FS	18-1/2	8-1/4	4-5/8
	2 1/2	540	MOLD-ON RUBBER	TAPERED ROLLER	SC-652-6-RS	RC-652-6-RS	18-2/5	7-3/4	5
					SC-654-6-RS	RC-654-6-RS	18-9/10	8-1/4	4-5/8
		960	SOFT POLY / CAST IRON HUB	TAPERED ROLLER	SC-652-6-PS8	RC-652-6-PS8	21-1/10	7-3/4	5
					SC-654-6-PS8	RC-654-6-PS8	21-3/5	8-1/4	4-5/8
		1600	ADVANCED ELASTOMER	ROLLER	SC-652-6-TAE	RC-652-6-TAE	21-1/10	7-3/4	5
					SC-654-6-TAE	RC-654-6-TAE	21-3/5	8-1/4	4-5/8
			PHENOLIC	PRECISION BALL	SC-652-6-PXAE	RC-652-6-PXAE	21-1/10	7-3/4	5
					SC-654-6-PXAE	RC-654-6-PXAE	21-3/5	8-1/4	4-5/8
			POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	SC-652-6-PR	RC-652-6-PR	14-1/10	7-3/4	5
					SC-654-6-PR	RC-654-6-PR	14-3/5	8-1/4	4-5/8
	3000	CAST IRON	TAPERED ROLLER	SC-652-6-PS	RC-652-6-PS	21-1/10	7-3/4	5	
	8	2 1/2	670	MOLD-ON RUBBER	TAPERED ROLLER	SC-654-6-PS	RC-654-6-PS	21-3/5	8-1/4
1800			SOFT POLY / CAST IRON HUB	TAPERED ROLLER	SC-655-8-RS	RC-655-8-RS	24-1/5	10-1/8	6-1/2
2000			ADVANCED ELASTOMER	ROLLER	SC-655-8-TAE	RC-655-8-TAE	25-4/5		
				PRECISION BALL	SC-655-8-PXAE	RC-655-8-PXAE	18		
PHENOLIC			TAPERED ROLLER	SC-655-8-PR	RC-655-8-PR	25-4/5			
				POLYURETHANE / CAST IRON HUB	SC-655-8-PS	RC-655-8-PS	25-4/5		
3100			CAST IRON	TAPERED ROLLER	SC-655-8-CI	RC-655-8-CI	29-7/10		
10	2 1/2	790	MOLD-ON RUBBER	TAPERED ROLLER	SC-656-10-RS	RC-656-10-RS	34-4/5		
		2000	ADVANCED ELASTOMER	ROLLER	SC-656-10-TAE	RC-656-10-TAE	37-3/10		
				PRECISION BALL	SC-656-10-PXAE	RC-656-10-PXAE	21-1/5		
		PHENOLIC	TAPERED ROLLER	SC-656-10-PR	RC-656-10-PR	21-1/5			
				POLYURETHANE / CAST IRON HUB	SC-656-10-PS	RC-656-10-PS	37-3/10		
		2160	SOFT POLY / CAST IRON HUB	TAPERED ROLLER	SC-656-10-PS	RC-656-10-PS	37-3/10		
		3300	CAST IRON	TAPERED ROLLER	SC-656-10-CI	RC-656-10-CI	34-7/10		

R500

SERIES

Heavy Duty
Forged Steel

Load Capacity: 540 to 3,400 lbs.

Quality Features

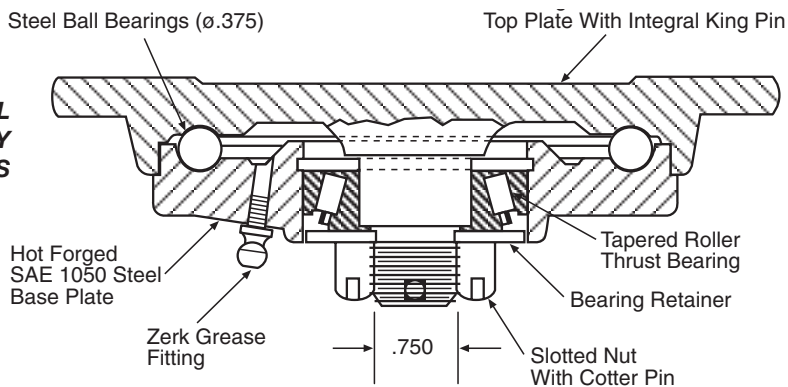
- INTEGRALLY FORGED KING PIN.**
 King pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- HOT FORGED STEEL CONSTRUCTION.**
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 3/8" hardened chrome steel load bearings and tapered thrust bearing.
- EMBOSSSED AND WELDED FORK LEGS.**
 Extra-wide side forks made of 3/8" thick steel plate are heavily embossed and continuously welded for added strength.
- ASSORTED WHEEL SIZES AND DIMENSIONS.**
 Large selection of wheel types and sizes, plus multiple overall heights, provides the most choices based on load capacity and floor conditions.
- LOCKED WHEEL AXLE.**
 Wheel axle is locked in position with indexing lance in side fork to prevent unwanted movement.

Expressly designed around industry standards, this series provides an ideal solution to replacement problems. Hot forged top plate, yoke base and bearing retainer are made with SAE-1050 steel and features a strong integrated king pin with slotted adjusting nut. Available with either 2-1/2" or 3" wheel widths, this is an economical but tough caster for use on heavy-duty original equipment.

Applications include:

- Non-powered Material Handling
- Industrial Platform Trucks
- Wood and Pulp Processing
- Heavy-duty Steel Dollies

Wide variety of wheel types and sizes assures the right choice based on weight distribution and floor conditions. Standard finish is industrial Blue enamel.



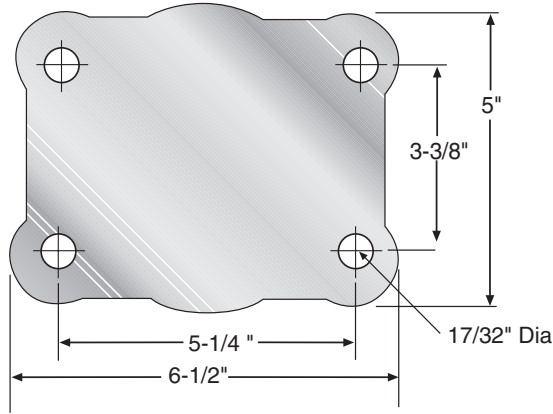
SWIVEL BEARING RACEWAY R500 SERIES



Wheel Selection

CAST IRON HUB	CAST IRON HUB	CAST IRON HUB	CAST IRON	PHENOLIC	ADVANCED ELASTOMER
MOLD-ON RUBBER	MOLD-ON POLYURETHANE	MOLD-ON SOFT POLY			
PAGE 120	PAGE 128	PAGE 130	PAGE 138	PAGE 134	PAGE 106

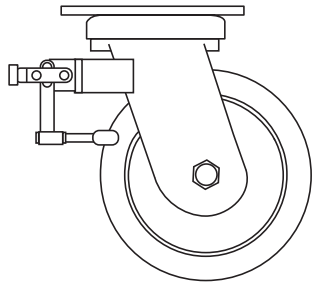
TOP PLATE



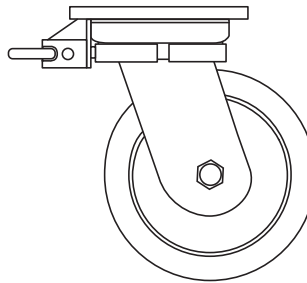
*Heavy Duty
Forged Steel*

BRAKES

Universal Wheel Brake



Medium Duty Swivel Lock



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

This husky, plunger-type swivel lock, with steel body can be welded to any of the medium-duty casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
5	2 1/2	1800	CAST IRON	ROLLER	SC-500-5-CI	RC-500-5-CI	18-7/10	7	5-1/8
6	2 1/2	540	MOLD-ON RUBBER	ROLLER	SC-501-6-RS	RC-501-6-RS	17-1/5	7-1/2	5-5/8
					SC-502-6-RS	RC-502-6-RS	17-2/5	7-3/4	5-1/2
					SC-503-6-RS	RC-503-6-RS	17-3/5	8	4-15/16
		SC-501-6-PS8	RC-501-6-PS8		19-3/10	7-1/2	5-5/8		
		SC-502-6-PS8	RC-502-6-PS8		19-1/2	7-3/4	5-1/2		
		SC-503-6-PS8	RC-503-6-PS8		19-7/10	8	4-15/16		
		960	SOFT POLY / CAST IRON HUB	PRECISION BALL	SC-501-6-TAE	RC-501-6-TAE	19-3/10	7-1/2	5-5/8
					SC-502-6-TAE	RC-502-6-TAE	19-1/2	7-3/4	5-1/2
					SC-503-6-TAE	RC-503-6-TAE	19-7/10	8	4-15/16
		SC-501-6-PXAE	RC-501-6-PXAE		19-3/10	7-1/2	5-5/8		
		SC-502-6-PXAE	RC-502-6-PXAE		19-1/2	7-3/4	5-1/2		
		SC-503-6-PXAE	RC-503-6-PXAE		19-7/10	8	4-15/16		
		1600	ADVANCED ELASTOMER	ROLLER	SC-501-6-PR	RC-501-6-PR	13-4/5	7-1/2	5-5/8
					SC-502-6-PR	RC-502-6-PR	14	7-3/4	5-1/2
					SC-503-6-PR	RC-503-6-PR	14-1/5	8	4-15/16
			SC-501-6-PS		RC-501-6-PS	19-3/10	7-1/2	5-5/8	
SC-502-6-PS	RC-502-6-PS		19-1/2		7-3/4	5-1/2			
SC-503-6-PS	RC-503-6-PS		19-7/10		8	4-15/16			
3000	CAST IRON	ROLLER	SC-501-6-CI	RC-501-6-CI	21-1/10	7-1/2	5-5/8		
			SC-502-6-CI	RC-502-6-CI	21-3/10	7-3/4	5-1/2		
			SC-503-6-CI	RC-503-6-CI	21-1/2	8	4-15/16		

R500

SERIES

continued



R550

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius		
6	3	680	MOLD-ON RUBBER	ROLLER	SC-551-6-RS	RC-551-6-RS	20-4/5	7-1/2	5-5/8		
					SC-552-6-RS	RC-552-6-RS	20-9/10	7-3/4	5-1/2		
					SC-553-6-RS	RC-553-6-RS	21-1/10	8	5-1/2		
			SC-551-6-PSS		RC-551-6-PSS	22-9/10	7-1/2	5-5/8			
			SC-552-6-PSS		RC-552-6-PSS	23	7-3/4	5-1/2			
			SC-553-6-PSS		RC-553-6-PSS	23-1/5	8	5-1/2			
		1080	SOFT POLY / CAST IRON HUB		2000	PHENOLIC	SC-551-6-PR	RC-551-6-PR	14-4/5	7-1/2	5-5/8
							SC-552-6-PR	RC-552-6-PR	14-9/10	7-3/4	5-1/2
							SC-553-6-PR	RC-553-6-PR	15-1/10	8	5-1/2
			POLYURETHANE / CAST IRON HUB			SC-551-6-PS	RC-551-6-PS	22-9/10	7-1/2	5-5/8	
						SC-552-6-PS	RC-552-6-PS	23	7-3/4	5-1/2	
						SC-553-6-PS	RC-553-6-PS	23-1/5	8	5-1/2	
3100	CAST IRON	SC-551-6-CI	RC-551-6-CI	24-3/5	7-1/2	5-5/8					
		SC-552-6-CI	RC-552-6-CI	24-7/10	7-3/4	5-1/2					
		SC-553-6-CI	RC-553-6-CI	24-9/10	8	5-1/2					
		8	2 1/2	670	MOLD-ON RUBBER	ROLLER	SC-504-8-RS	RC-504-8-RS	23-1/5	10-1/8	6-1/2
							SC-505-8-RS	RC-505-8-RS	23-2/5	10-1/4	
							SC-506-8-RS	RC-506-8-RS	23-7/10	10-1/2	
1800	SOFT POLY / CAST IRON HUB				SC-504-8-PS8		RC-504-8-PS8	24-4/5	10-1/8		
					SC-505-8-PS8		RC-505-8-PS8	25	10-1/4		
					SC-506-8-PS8		RC-506-8-PS8	25-3/10	10-1/2		
2000	ADVANCED ELASTOMER			PRECISION BALL	SC-504-8-TAE		RC-504-8-TAE	24-4/5	10-1/8		
					SC-505-8-TAE		RC-505-8-TAE	25	10-1/4		
					SC-506-8-TAE		RC-506-8-TAE	25-3/10	10-1/2		
	PHENOLIC				SC-504-8-PXAE		RC-504-8-PXAE	24-4/5	10-1/8		
					SC-505-8-PXAE		RC-505-8-PXAE	25	10-1/4		
					SC-506-8-PXAE		RC-506-8-PXAE	25-3/10	10-1/2		
3100	CAST IRON	ROLLER	SC-504-8-PR	RC-504-8-PR	17	10-1/8					
			SC-505-8-PR	RC-505-8-PR	17-1/5	10-1/4					
			SC-506-8-PR	RC-506-8-PR	17-1/2	10-1/2					
			SC-504-8-PS	RC-504-8-PS	24-4/5	10-1/8					
			SC-505-8-PS	RC-505-8-PS	25	10-1/4					
			SC-506-8-PS	RC-506-8-PS	25-3/10	10-1/2					
3100	CAST IRON	SC-504-8-CI	RC-504-8-CI	28-7/10	10-1/8						
		SC-505-8-CI	RC-505-8-CI	29	10-1/4						
		SC-506-8-CI	RC-506-8-CI	29-3/10	10-1/2						



R550

Series R500 continued

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius				
		 LBS					 LBS						
8	3	840	MOLD-ON RUBBER	ROLLER	SC-554-8-RS	RC-554-8-RS	23-7/10	10-1/8	6-1/2				
					SC-555-8-RS	RC-555-8-RS	23-9/10	10-1/4					
					SC-556-8-RS	RC-556-8-RS	24-1/5	10-1/2					
					SC-554-8-PS8	RC-554-8-PS8	25-3/10	10-1/8					
					SC-555-8-PS8	RC-555-8-PS8	25-1/2	10-1/4					
					SC-556-8-PS8	RC-556-8-PS8	25-4/5	10-1/2					
		2050	SOFT POLY / CAST IRON HUB		SC-554-8-PR	RC-554-8-PR	17-1/2	10-1/8					
					SC-555-8-PR	RC-555-8-PR	17-7/10	10-1/4					
					SC-556-8-PR	RC-556-8-PR	18	10-1/2					
					SC-554-8-PS	RC-554-8-PS	25-3/10	10-1/8					
					SC-555-8-PS	RC-555-8-PS	25-1/2	10-1/4					
					SC-556-8-PS	RC-556-8-PS	25-4/5	10-1/2					
2500	PHENOLIC	CAST IRON	SC-554-8-CI	RC-554-8-CI	29-3/10	10-1/8							
			SC-555-8-CI	RC-555-8-CI	29-1/2	10-1/4							
			SC-556-8-CI	RC-556-8-CI	29-4/5	10-1/2							
			10	2 1/2	790	MOLD-ON RUBBER	ROLLER	SC-507-10-RS	RC-507-10-RS	33-3/10	11-1/2	7-1/2	
								SC-508-10-RS	RC-508-10-RS	33-4/5	12-1/4		
								SC-509-10-RS	RC-509-10-RS	34	12-1/2		
SC-507-10-TAE	RC-507-10-TAE	35-4/5						11-1/2					
SC-508-10-TAE	RC-508-10-TAE	36-3/10						12-1/4					
SC-509-10-TAE	RC-509-10-TAE	36-1/2						12-1/2					
2000	ADVANCED ELASTOMER	PRECISION BALL			SC-507-10-PXAE	RC-507-10-PXAE		35-4/5	11-1/2				
					SC-508-10-PXAE	RC-508-10-PXAE		36-3/10	12-1/4				
					SC-509-10-PXAE	RC-509-10-PXAE		36-1/2	12-1/2				
					2160	SOFT POLY / CAST IRON HUB		ROLLER	SC-507-10-PS	RC-507-10-PS	35-4/5		11-1/2
									SC-508-10-PS	RC-508-10-PS	36-3/10		12-1/4
									SC-509-10-PS	RC-509-10-PS	36-1/2		12-1/2
SC-507-10-PS8	RC-507-10-PS8	35-4/5	11-1/2										
SC-508-10-PS8	RC-508-10-PS8	36-3/10	12-1/4										
SC-509-10-PS8	RC-509-10-PS8	36-1/2	12-1/2										
2500	PHENOLIC	SC-507-10-PR	RC-507-10-PR	19-7/10	11-1/2								
		SC-508-10-PR	RC-508-10-PR	20-1/5	12-1/4								
		SC-509-10-PR	RC-509-10-PR	20-2/5	12-1/2								
		3300	CAST IRON	SC-507-10-CI	RC-507-10-CI	33-1/5	11-1/2						
				SC-508-10-CI	RC-508-10-CI	33-7/10	12-1/4						
				SC-509-10-CI	RC-509-10-CI	33-9/10	12-1/2						
10	3			1000	MOLD-ON RUBBER	ROLLER	SC-557-10-RS	RC-557-10-RS	34	11-1/2			
							SC-558-10-RS	RC-558-10-RS	34-1/2	12-1/4			
							SC-559-10-RS	RC-559-10-RS	34-7/10	12-1/2			
		SC-557-10-PS8	RC-557-10-PS8				36-1/2	11-1/2					
		SC-558-10-PS8	RC-558-10-PS8				37	12-1/4					
		SC-559-10-PS8	RC-559-10-PS8				37-1/5	12-1/2					
		2400	SOFT POLY / CAST IRON HUB	SC-557-10-PS	RC-557-10-PS		36-1/2	11-1/2					
				SC-558-10-PS	RC-558-10-PS		37	12-1/4					
				SC-559-10-PS	RC-559-10-PS		37-1/5	12-1/2					
				2600	POLYURETHANE / CAST IRON HUB		SC-557-10-PR	RC-557-10-PR	20-2/5	11-1/2			
							SC-558-10-PR	RC-558-10-PR	20-9/10	12-1/4			
							SC-559-10-PR	RC-559-10-PR	21-1/10	12-1/2			
2900	PHENOLIC	SC-557-10-CI	RC-557-10-CI			33-9/10	11-1/2						
		SC-558-10-CI	RC-558-10-CI			34-2/5	12-1/4						
		SC-559-10-CI	RC-559-10-CI			34-3/5	12-1/2						
		3400	CAST IRON	SC-557-10-CI	RC-557-10-CI	33-9/10	11-1/2						
				SC-558-10-CI	RC-558-10-CI	34-2/5	12-1/4						
				SC-559-10-CI	RC-559-10-CI	34-3/5	12-1/2						

R100

SERIES

Heavy Duty Forged Steel

Load Capacity: 540 lbs. - 3,500 lbs.

Quality Features

- INTEGRALLY FORGED KING PIN.**
 King pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- HOT FORGED STEEL CONSTRUCTION.**
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 3/8" hardened chrome steel load bearings and tapered thrust bearing.
- FLAMED HARDENED SWIVEL RACEWAY.**
 All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.
- EMBOSSED AND WELDED FORK LEGS.**
 Extra-wide side forks are heavily embossed and continuously welded on for added strength.
- LOCKED WHEEL AXLE.**
 Wheel axle is locked in position with indexing lance in side fork to prevent unwanted movement.

This workhorse of heavy-duty casters has what it takes to handle the toughest industrial jobs. Hot forged top plate, yoke base and bearing retainer are made with SAE-1050 steel and features a strong integrated king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

Common applications include:

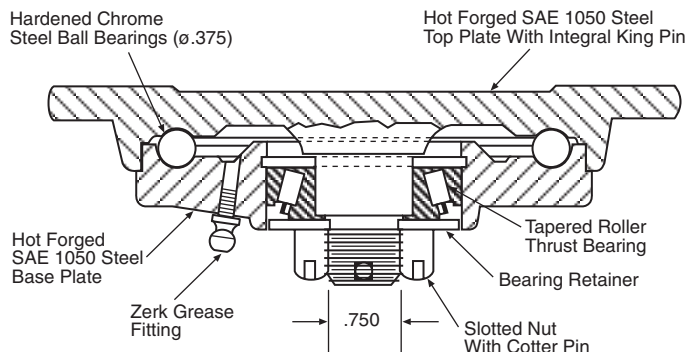
- Heavy Trash Gondolas
- Flat Bed Industrial Trucks
- Steel or Wood Transfer Trucks
- Factory Platform Trucks

Machined parts are turned with precision to exact specifications. Standard finish is Industrial Blue Enamel.

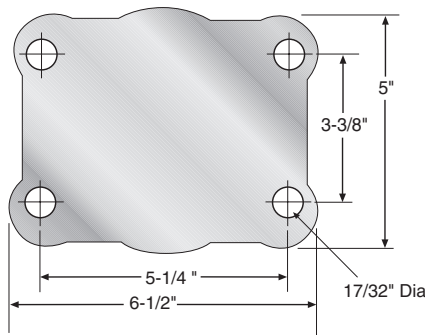
SWIVEL



SWIVEL BEARING RACEWAY
R100 SERIES



TOP PLATE



Wheel Selection

CAST IRON HUB

CAST IRON HUB

CAST IRON HUB

MOLD-ON RUBBER

MOLD-ON POLYURETHANE

MOLD-ON SOFT POLY

PHENOLIC

CAST IRON

ADVANCED ELASTOMER

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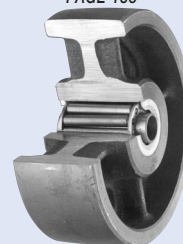
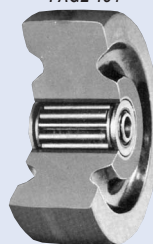
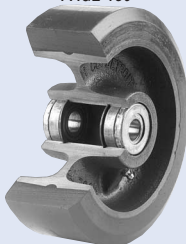
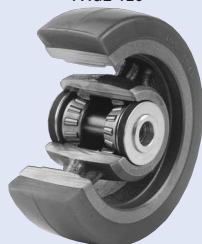
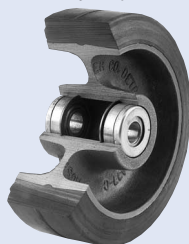
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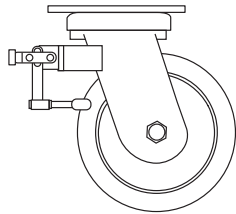
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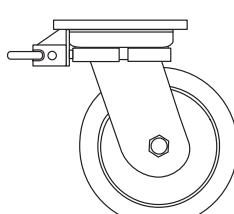
BRAKES

Universal Wheel Brake



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

Medium Duty Swivel Lock



This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the medium duty casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius		
5	2½	1800	CAST IRON	TAPERED ROLLER	SC-100-51-CI	RC-100-51-CI	18-7/10	7	5-1/8		
					SC-100-52-CI	RC-100-52-CI	19	7-1/2	4-7/16		
6	2½	540	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-6-RS	RC-100-6-RS	17-2/5	7-1/2	5-5/8		
			SOFT POLY / CAST IRON HUB		SC-100-62-RS	RC-100-62-RS	17-3/5	8	4-7/16		
		1600	ADVANCED ELASTOMER	PRECISION BALL	SC-100-6-PS8	RC-100-6-PS8	19-1/2	7-1/2	5-5/8		
					SC-100-62-PS8	RC-100-62-PS8	19-7/10	8	4-7/16		
			ROLLER	SC-100-6-PXAE	RC-100-6-PXAE	19-1/2	7-1/2	5-5/8			
				SC-100-62-PXAE	RC-100-62-PXAE	19-7/10	8	4-7/16			
			PHENOLIC	TAPERED ROLLER	SC-100-6-TAE	RC-100-6-TAE	19-1/2	7-1/2	5-5/8		
					SC-100-62-TAE	RC-100-62-TAE	19-7/10	8	4-7/16		
		POLYURETHANE / CAST IRON HUB	SC-100-6-PR	RC-100-6-PR	13-9/10	7-1/2	5-5/8				
			SC-100-62-PR	RC-100-62-PR	14-1/5	8	4-7/16				
	3000	CAST IRON	TAPERED ROLLER	SC-100-6-PS	RC-100-6-PS	19-1/2	7-1/2	5-5/8			
				SC-100-62-PS	RC-100-62-PS	19-7/10	8	4-7/16			
	3	CAST IRON	TAPERED ROLLER	SC-100-6-CI	RC-100-6-CI	21-1/5	7-1/2	5-5/8			
				SC-100-62-CI	RC-100-62-CI	21-1/2	8	4-7/16			
SC-100-63-RS				RC-100-63-RS	21-3/5	9-1/2	5-1/2				
SC-100-63-PS8				RC-100-63-PS8	23-7/10						
SC-100-63-PR				RC-100-63-PR	15-3/5						
SC-100-63-PS	RC-100-63-PS	23-7/10									
SC-100-63-CI	RC-100-63-CI	25-2/5									
8	3	840	MOLD-ON RUBBER*	TAPERED ROLLER	SC-100-7-RS	RC-100-7-RS	29-1/10	10-1/2	6-1/2		
			MOLD-ON RUBBER		SC-100-73-RS	RC-100-73-RS	29-1/2	11-1/2			
		2050	SOFT POLY / CAST IRON HUB*		SC-100-8-RS	RC-100-8-RS	23-7/10	10-1/2			
			SOFT POLY / CAST IRON HUB		SC-100-83-RS	RC-100-83-RS	24-1/5	11-1/2			
		2500	PHENOLIC		TAPERED ROLLER	SC-100-7-PS8	RC-100-7-PS8	31-1/10		10-1/2	
						SC-100-73-PS8	RC-100-73-PS8	30-2/5		11-1/2	
			POLYURETHANE / CAST IRON HUB*		SC-100-8-PS8	RC-100-8-PS8	25-2/5	10-1/2			
					POLYURETHANE / CAST IRON HUB	SC-100-83-PS8	RC-100-83-PS8	25-4/5		11-1/2	
		3200	CAST IRON		TAPERED ROLLER	SC-100-8-PR	RC-100-8-PR	17-1/2		10-1/2	
						SC-100-83-PR	RC-100-83-PR	18		11-1/2	
	SC-100-7-PS			RC-100-7-PS		31-1/10	10-1/2				
	SC-100-73-PS			RC-100-73-PS		30-2/5	11-1/2				
	10	3	1000	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-8-PS	RC-100-8-PS	25-2/5		10-1/2	
				MOLD-ON RUBBER*		SC-100-83-PS	RC-100-83-PS	25-4/5		11-1/2	
2400			SOFT POLY / CAST IRON HUB	SC-100-8-CI		RC-100-8-CI	29-3/10	10-1/2			
			SOFT POLY / CAST IRON HUB*	SC-100-83-CI		RC-100-83-CI	29-4/5	11-1/2			
2600			POLYURETHANE / CAST IRON HUB	SC-100-10-RS		RC-100-10-RS	34-7/10	12-1/2	7-1/2		
			POLYURETHANE / CAST IRON HUB*	SC-100-11-RS		RC-100-11-RS	35-1/5	13-1/2	8-1/2		
2900			PHENOLIC	TAPERED ROLLER		SC-100-9-RS	RC-100-9-RS	34-7/10	12-1/2	7-1/2	
						SC-100-93-RS	RC-100-93-RS	35-1/5	13-1/2	8-1/2	
						SC-100-10-PS8	RC-100-10-PS8	37-1/5	12-1/2	7-1/2	
						SC-100-11-PS8	RC-100-11-PS8	37-1/2	13-1/2	8-1/2	
	SC-100-9-PS8	RC-100-9-PS8			36-2/5	12-1/2	7-1/2				
	SC-100-93-PS8	RC-100-93-PS8			36-1/2	13-1/2	8-1/2				
3400	CAST IRON	TAPERED ROLLER	SC-100-10-PS	RC-100-10-PS	37-1/5	12-1/2	7-1/2				
			SC-100-11-PS	RC-100-11-PS	37-1/2	13-1/2	8-1/2				
			SC-100-9-PS	RC-100-9-PS	36-2/5	12-1/2	7-1/2				
			SC-100-93-PS	RC-100-93-PS	36-1/2	13-1/2	8-1/2				
12	3	1140	MOLD-ON RUBBER	TAPERED ROLLER	SC-100-10-PR	RC-100-10-PR	21-1/10	12-1/2	14-1/2		
			2760		SOFT POLY / CAST IRON HUB	SC-100-11-PR	RC-100-11-PR	21-3/5		13-1/2	8-1/2
					PHENOLIC	SC-100-10-CI	RC-100-10-CI	34-3/5		12-1/2	7-1/2
			3500		POLYURETHANE / CAST IRON HUB	SC-100-11-CI	RC-100-11-CI	35-1/10		13-1/2	8-1/2
					POLYURETHANE / CAST IRON HUB	SC-100-12-RS	RC-100-12-RS	36-9/10		14-1/2	9-1/2
SOFT POLY / CAST IRON HUB	SC-100-12-PS8	RC-100-12-PS8	39-7/10								
PHENOLIC	SC-100-12-PR	RC-100-12-PR	24-4/5								
POLYURETHANE / CAST IRON HUB	SC-100-12-PS	RC-100-12-PS	39-7/10								

4500

SERIES

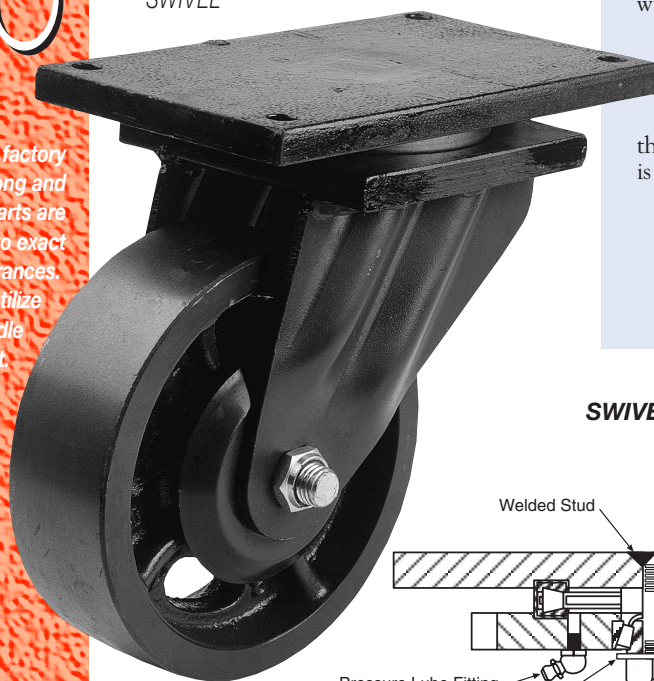
Extra-Heavy Duty Industrial

Load Capacity: 600 to 5,000 lbs.

Quality Features

- MACHINED RACEWAYS.**
 Upper raceway top plate and base plate are flame cut from 5/8" thick steel and precisely machined by CNC lathe to very close tolerances and dimensions. Pressure fitting is supplied in base plate for lubrication.
- TAPERED SWIVEL BEARINGS.**
 Both upper main load bearing and lower thrust bearing utilize heavy-duty tapered roller bearings for maximum mobility under heavy loads and to withstand lateral forces.
- WELDED STUD AND KING BOLT.**
 Extra-large 1-1/4" hardened steel king bolt is threaded and securely fastened at both ends to ensure a solid fit. The stud is welded to the top plate to prevent loosening, while the nut is tightened to exact specifications.

SWIVEL



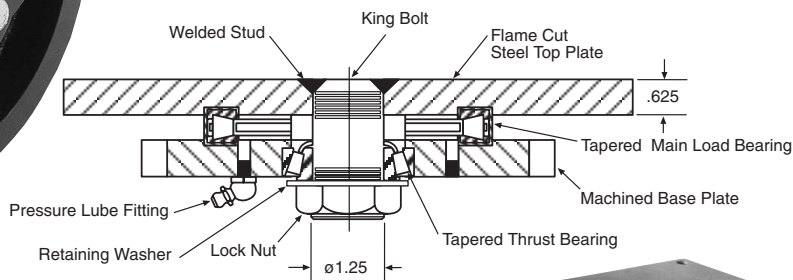
Used for commercial and factory applications where a super strong and durable caster is required. Metal parts are flame cut and machine crafted to exact specifications and close tolerances. Both upper and lower raceways utilize tapered roller bearings to handle heavy loads and absorb lateral thrust. Can be power towed to 5 MPH.

Typical uses include:

- Aircraft Engine Stands
- Tow Line Equipment
- Flight Simulators
- Power Generators
- Manufactured Housing
- Ship Building

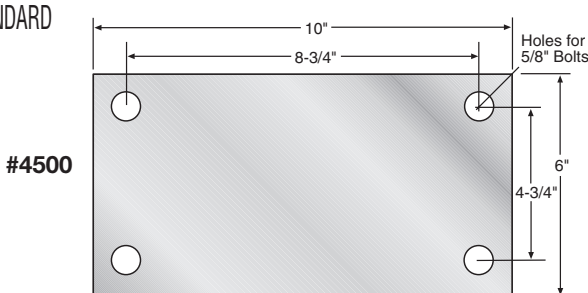
Pressure fittings included for lubrication of wheel and swivel raceways. Standard finish is "Laguna Blue."

SWIVEL BALL BEARING RACEWAY 4500 SERIES



TOP PLATE

STANDARD



RIGID



Options

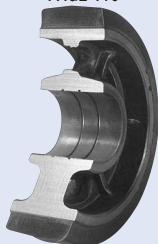
- High-Temperature Wheels
- Conductive or Static-Dissipative Wheels
- Special Top Plate Sizes



Wheel Selection

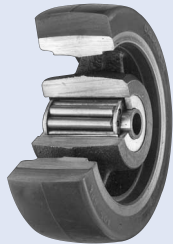
MOLD-ON NEOPRENE

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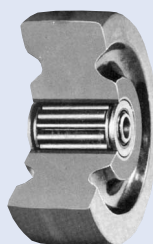
MOLD-ON POLYURETHANE

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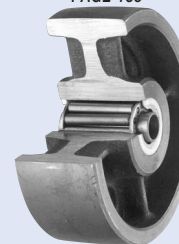
PHENOLIC

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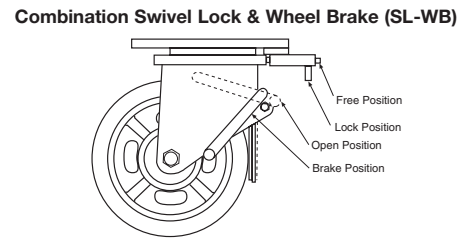
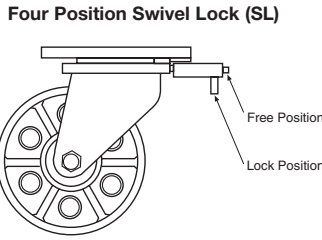
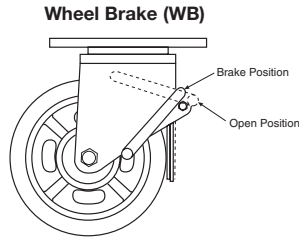


CAST IRON

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BRAKES



Wheel Brake

Operates by a foot pedal lever that has a rubber brake pad to form a positive brake action when the brake lever is pressed down to engage. To restore back to the normal position, simply reverse the action to disengage the brake. Easy to operate and trouble free.

Four Position Swivel Lock

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Combination Swivel Lock & Wheel Brake

This combination horizontal four position swivel lock and wheel brake was designed to work together or operate independently from one another. Both the swivel lock plunger and the wheel brake operate from a spring steel action to assure a positive operation.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
6	2½	5000	CAST IRON	ROLLER	4506-TCI	4506-TRCI	38-1/2	8-3/4	6
				TAPERED ROLLER	4506-YCI	4506-YRCI			
	2¾	600	MOLD-ON NEOPRENE	ROLLER	4506-TDN-M-CI	4506-TRDN-M-CI			
				TAPERED ROLLER	4506-YDN-M-CI	4506-YRDN-M-CI			
		750	MOLD-ON HI-CAP NEOPRENE	ROLLER	4506-TKN-M-CI	4506-TRKN-M-CI			
				TAPERED ROLLER	4506-YKN-M-CI	4506-YRKN-M-CI			
	3500	POLYURETHANE / CAST IRON HUB	ROLLER	4506-TADI-M-CI	4506-TRADI-M-CI				
			TAPERED ROLLER	4506-YADI-M-CI	4506-YRADI-M-CI				
	3	2000	PHENOLIC	ROLLER	4506-TPR-3	4506-TRPR-3			
				TAPERED ROLLER	4506-YPR-3	4506-YRPR-3			
8	2½	2000	PHENOLIC	ROLLER	4508-TPR	4508-TRPR	38-1/2	10-3/4	7
				TAPERED ROLLER	4508-YPR	4508-YRPR			
	5000	CAST IRON	ROLLER	4508-TCI	4508-TRCI				
			TAPERED ROLLER	4508-YCI	4508-YRCI				
	2¾	600	MOLD-ON NEOPRENE	ROLLER	4508-TDN-M-CI	4508-TRDN-M-CI			
				TAPERED ROLLER	4508-YDN-M-CI	4508-YRDN-M-CI			
		750	MOLD-ON HI-CAP NEOPRENE	ROLLER	4508-TKN-M-CI	4508-TRKN-M-CI			
				TAPERED ROLLER	4508-YKN-M-CI	4508-YRKN-M-CI			
	5000	POLYURETHANE / CAST IRON HUB	ROLLER	4508-TADI-M-CI	4508-TRADI-M-CI				
			TAPERED ROLLER	4508-YADI-M-CI	4508-YRADI-M-CI				
3	2600	PHENOLIC	ROLLER	4508-TPR-3	4508-TRPR-3				
			TAPERED ROLLER	4508-YPR-3	4508-YRPR-3				
10	2½	2500	PHENOLIC	ROLLER	4510-TPR	4510-TRPR	45	12-3/4	8
				TAPERED ROLLER	4510-YPR	4510-YRPR			
	2¾	600	MOLD-ON NEOPRENE	ROLLER	4510-TDN-M-CI	4510-TRDN-M-CI			
				TAPERED ROLLER	4510-YDN-M-CI	4510-YRDN-M-CI			
		750	MOLD-ON HI-CAP NEOPRENE	ROLLER	4510-TKN-M-CI	4510-TRKN-M-CI			
				TAPERED ROLLER	4510-YKN-M-CI	4510-YRKN-M-CI			
	5000	CAST IRON	ROLLER	4510-TCI	4510-TRCI				
			TAPERED ROLLER	4510-YCI	4510-YRCI				
	3	2900	PHENOLIC	ROLLER	4510-TADI-M-CI	4510-TRADI-M-CI			
				TAPERED ROLLER	4510-YADI-M-CI	4510-YRADI-M-CI			
12	2½	2500	PHENOLIC	ROLLER	4512-TPR	4512-TRPR	53-3/4	14-3/4	9
				TAPERED ROLLER	4512-YPR	4512-YRPR			
	2¾	750	MOLD-ON NEOPRENE	ROLLER	4512-TDN-M-CI	4512-TRDN-M-CI			
				TAPERED ROLLER	4512-YDN-M-CI	4512-YRDN-M-CI			
		900	MOLD-ON HI-CAP NEOPRENE	ROLLER	4512-TKN-M-CI	4512-TRKN-M-CI			
				TAPERED ROLLER	4512-YKN-M-CI	4512-YRKN-M-CI			
	5000	CAST IRON	ROLLER	4512-TCI	4512-TRCI				
			TAPERED ROLLER	4512-YCI	4512-YRCI				
	3	3500	PHENOLIC	ROLLER	4512-TADI-M-CI	4512-TRADI-M-CI			
				TAPERED ROLLER	4512-YADI-M-CI	4512-YRADI-M-CI			

R110

SERIES

Heavy Duty
Forged Steel

SWIVEL



The ever-popular 110 series is nearly synonymous with the automotive industry. Hot forged top plate, yoke base and bearing retainer are made with SAE-1050 steel and features a strong integrated king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

Common applications include:

- Heavy-Duty Parts Trailers
- Door Dollies
- Large Flat Bed Trailers

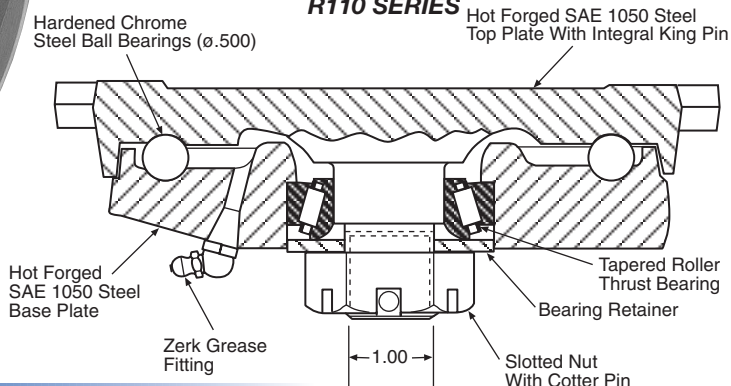
This one of a kind caster is ideal for towing applications and is made to be one of the strongest on the market. Standard finish is Industrial Blue Enamel.

Load Capacity: 680 lbs. - 5,500 lbs.

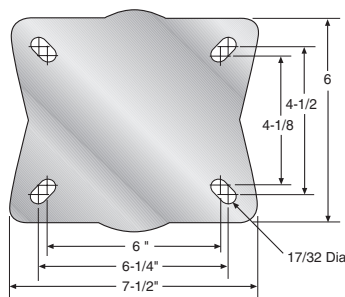
Quality Features

- **INTEGRALLY FORGED KING PIN.**
Large 1" King pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- **HOT FORGED STEEL CONSTRUCTION.**
Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 1/2" hardened chrome steel load bearings and tapered thrust bearing.
- **FLAMED HARDENED SWIVEL RACEWAY.**
All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.
- **FORMED AND WELDED FORK LEGS.**
Extra-wide 3/8" x 4" side forks with formed reinforcing bubble are continuously welded on for added strength.
- **LOCKED WHEEL AXLE.**
Special 3/4" ground steel axle bolt is locked in position with indexing lance in side fork to prevent unwanted movement.

SWIVEL BEARING RACEWAY R110 SERIES



TOP PLATE



70



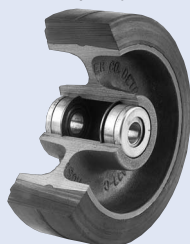
DARNELL-ROSE
division of J. J. Evans Industries, Inc.

Wheel Selection

CAST IRON HUB

MOLD-ON RUBBER

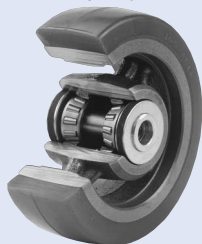
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CAST IRON HUB

MOLD-ON POLYURETHANE

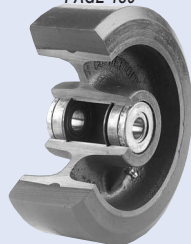
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CAST IRON HUB

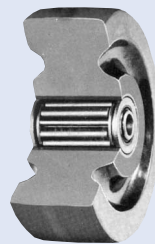
MOLD-ON SOFT POLY

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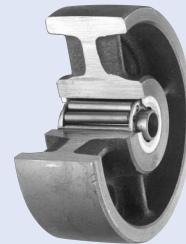
PHENOLIC

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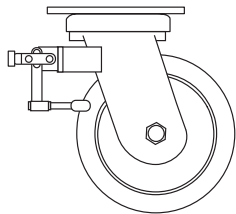
CAST IRON

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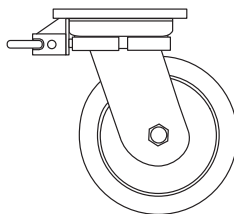
BRAKES

Universal Wheel Brake



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

Heavy Duty Swivel Lock



This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the heavy-duty casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius		
6	3	680	MOLD-ON RUBBER	TAPERED ROLLER	SC-110-63-RS	RC-110-63-RS	31-1/5	9-1/2	5-1/2		
		1080	SOFT POLY / CAST IRON HUB		SC-110-63-PS8	RC-110-63-PS8	33-3/10				
		2000	PHENOLIC		SC-110-63-PR	RC-110-63-PR	25-1/5				
			POLYURETHANE / CAST IRON HUB		SC-110-63-PS	RC-110-63-PS	33-3/10				
8	3	840	MOLD-ON RUBBER*	TAPERED ROLLER	SC-110-7-RS	RC-110-7-RS	39-2/5	10-1/2	6-1/2		
			MOLD-ON RUBBER		SC-110-73-RS	RC-110-73-RS	40	11-1/2			
		2050	SOFT POLY / CAST IRON HUB*		SC-110-8-RS	RC-110-8-RS	34	10-1/2			
			SOFT POLY / CAST IRON HUB		SC-110-83-RS	RC-110-83-RS	34-7/10	11-1/2			
		2500	PHENOLIC		SC-110-7-PS8	RC-110-7-PS8	41-2/5	10-1/2			
			POLYURETHANE / CAST IRON HUB*		SC-110-73-PS8	RC-100-73-PS8	41-9/10	11-1/2			
			POLYURETHANE / CAST IRON HUB		SC-110-8-PS8	RC-110-8-PS8	35-7/10	10-1/2			
					SC-110-83-PS8	RC-110-83-PS8	36-3/10	11-1/2			
					SC-110-8-PR	RC-110-8-PR	28-4/5	10-1/2			
					SC-110-83-PR	RC-110-83-PR	28-1/2	11-1/2			
		5500					SC-110-7-PS	RC-110-7-PS		41-2/5	10-1/2
							SC-110-73-PS	RC-100-73-PS		41-9/10	11-1/2
				SC-110-8-PS	RC-110-8-PS	35-7/10	10-1/2				
				SC-110-83-PS	RC-110-83-PS	36-3/10	11-1/2				
				SC-110-8-FS	RC-110-8-FS	39-4/5	10-1/2				
				SC-110-83-FS	RC-110-83-FS	40-1/2	11-1/2				
10	3	1000	MOLD-ON RUBBER	TAPERED ROLLER	SC-110-10-RS	RC-110-10-RS	45-1/5	12-1/2	7-1/2		
			MOLD-ON RUBBER*		SC-110-11-RS	RC-110-11-RS	46-3/5	13-1/2	8-1/2		
		2400	SOFT POLY / CAST IRON HUB		SC-110-111-RS	RC-110-111-RS	48-1/10	14-1/2	8-1/2		
			SOFT POLY / CAST IRON HUB*		SC-110-9-RS	RC-110-9-RS	45-1/5	12-1/2	7-1/2		
					SC-110-93-RS	RC-110-93-RS	46-3/5	13-1/2	8-1/2		
					SC-110-94-RS	RC-110-94-RS	48-1/10	14-1/2	8-1/2		
					SC-110-10-PS8	RC-110-10-PS8	47-7/10	12-1/2	7-1/2		
					SC-110-11-PS8	RC-110-11-PS8	48-9/10	13-1/2	8-1/2		
		2600					SC-110-111-PS8	RC-110-111-PS8	50-2/5	14-1/2	8-1/2
							SC-110-9-PS8	RC-110-9-PS8	46-9/10	12-1/2	7-1/2
							SC-110-93-PS8	RC-110-93-PS8	47-9/10	13-1/2	8-1/2
							SC-110-94-PS8	RC-110-94-PS8	49-2/5	14-1/2	8-1/2
						SC-110-10-PS	RC-110-10-PS	47-7/10	12-1/2	7-1/2	
						SC-110-11-PS	RC-110-11-PS	48-9/10	13-1/2	8-1/2	
	2900					SC-110-111-PS	RC-110-111-PS	50-2/5	14-1/2	8-1/2	
						SC-110-9-PS	RC-110-9-PS	46-9/10	12-1/2	7-1/2	
	4					SC-110-93-PS	RC-110-93-PS	47-9/10	13-1/2	8-1/2	
						SC-110-94-PS	RC-110-94-PS	49-2/5	14-1/2	8-1/2	
				SC-110-10-PR	RC-110-10-PR	31-3/5	12-1/2	7-1/2			
				SC-110-11-PR	RC-110-11-PR	33	13-1/2	8-1/2			
				SC-110-111-PR	RC-110-111-PR	34-1/2	14-1/2	8-1/2			
					SC-110-104-RS	RC-110-104-RS	50-9/10	12-1/2	8-1/2		
				SC-110-104-PS8	RC-110-104-PS8	34-4/5	12-1/2	8-1/2			
				SC-110-104-PS	RC-110-104-PS	34-4/5	12-1/2	8-1/2			
12	3	1140	MOLD-ON RUBBER	TAPERED ROLLER	SC-110-112-RS	RC-110-112-RS	49-7/10	15-1/2	9-1/2		
					SC-110-12-RS	RC-110-12-RS	48-3/10	14-1/2			
		2760	SOFT POLY / CAST IRON HUB		SC-110-112-PS8	RC-110-112-PS8	50-1/5	15-1/2			
					SC-110-12-PS8	RC-110-12-PS8	48-4/5	14-1/2			
		3500	PHENOLIC		SC-110-112-PR	RC-110-112-PR	37-3/5	15-1/2			
			POLYURETHANE / CAST IRON HUB		SC-110-12-PR	RC-110-12-PR	36-1/5	14-1/2			
				SC-110-112-PS	RC-110-112-PS	50-1/5	15-1/2				
				SC-110-12-PS	RC-110-12-PS	48-4/5	14-1/2				

R800

SERIES

Extra-Heavy Duty Forged Steel

Load Capacity: 840 lbs. - 6,000 lbs.

Quality Features

- **INTEGRALLY FORGED KING PIN.**
Large 1-1/4" King pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- **HOT FORGED STEEL CONSTRUCTION.**
Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 5/8" hardened chrome steel load bearings and tapered thrust bearing.
- **FLAMED HARDENED SWIVEL RACEWAY.**
All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.
- **EMBOSSED AND WELDED FORK LEGS.**
Side forks are embossed and continuously welded on both sides for added strength.
- **LOCKED WHEEL AXLE.**
Special 3/4" axle bolt is locked in position with indexing lance in side fork to prevent unwanted movement.

SWIVEL



RIGID



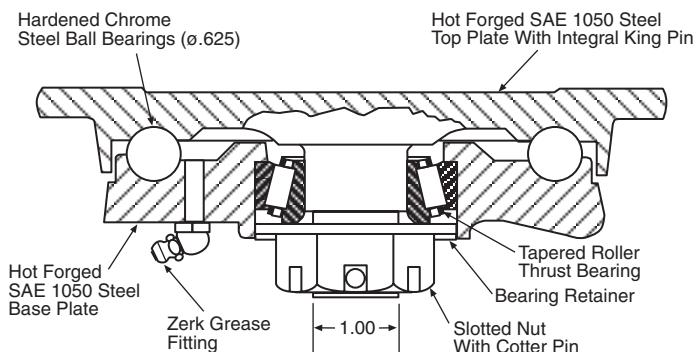
Designed from the ground up to stand up under the heaviest loads and toughest conditions. Hot forged top plate, sectioned yoke base, and bottom bearing retainer are all made with SAE-1050 steel and features a strong 1-1/4" integrated king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

Very often used on:

- Chip Trucks
- Parts Transfer Dollies
- Steel Coil Trucks
- Large Gantries
- Cargo Handling

When put to the test, the 800 series will prove to be strong, reliable and provide years of trouble free service. Standard finish is industrial blue enamel.

SWIVEL BEARING RACEWAY R800 SERIES

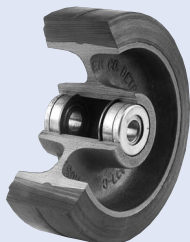


Wheel Selection

CAST IRON HUB

MOLD-ON RUBBER

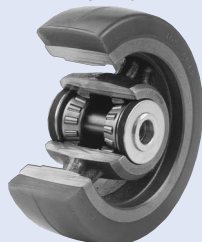
PAGE 120



CAST IRON HUB

MOLD-ON POLYURETHANE

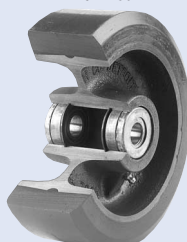
PAGE 128



CAST IRON HUB

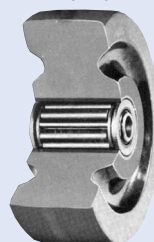
MOLD-ON SOFT POLY

PAGE 130



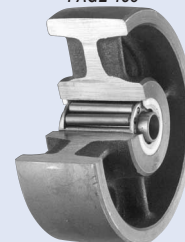
PHENOLIC

PAGE 134

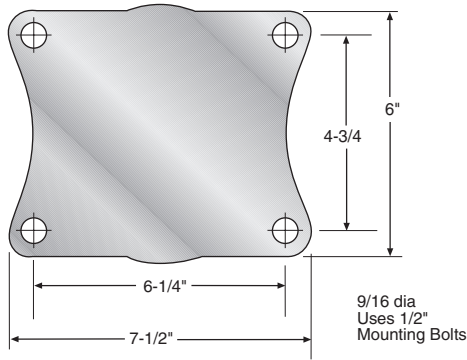


CAST IRON

PAGE 138



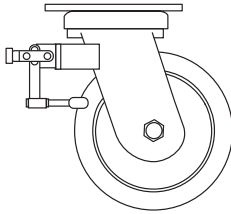
TOP PLATE



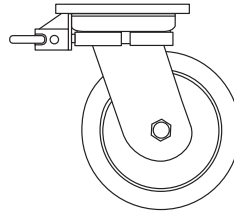
*Extra-Heavy Duty
Forged Steel*

BRAKES

Universal Wheel Brake



Heavy Duty Swivel Lock



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the heavy-duty casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
5 ³ / ₄	1 ³ / ₄	3000	DROP FORGED STEEL	ROLLER	SC-861-FS	RC-861-FS	26	8-3/4	4-5/8	
8	3	840	MOLD-ON RUBBER	ROLLER	SC-883-RS	RC-883-RS	32	10-3/4	6-1/2	
			MOLD-ON RUBBER		SC-887-RS	RC-887-RS	29			
		PHENOLIC	SC-883-PR		RC-883-PR	25				
		POLYURETHANE / CAST IRON HUB	SC-883-PS		RC-883-PS	33				
		POLYURETHANE / CAST IRON HUB	SC-887-PS		RC-887-PS	31				
		SOFT POLY / CAST IRON HUB	SC-883-PS8		RC-883-PS8	33				
		SOFT POLY / CAST IRON HUB	SC-887-PS8		RC-887-PS8	31				
		4000 6000	CAST IRON		SC-883-CI	RC-883-CI	38			
10	3	1000	MOLD-ON RUBBER	ROLLER	N/A	RC-8130-RS	—	10-3/4	—	
			MOLD-ON RUBBER		N/A	RC-8139-RS	—			
			MOLD-ON RUBBER		SC-8132-RS	RC-8132-RS	42	12-3/4	7-1/2	
			MOLD-ON RUBBER		SC-8149-RS	RC-8149-RS	40			
		2600	POLYURETHANE / CAST IRON HUB		N/A	RC-8130-PS	—	10-3/4	—	
			POLYURETHANE / CAST IRON HUB		N/A	RC-8139-PS	—			
			POLYURETHANE / CAST IRON HUB		SC-8132-PS	RC-8132-PS	45	12-3/4	7-1/2	
			POLYURETHANE / CAST IRON HUB		SC-8149-PS	RC-8149-PS	43			
			SOFT POLY / CAST IRON HUB		N/A	RC-8130-PS8	—	10-3/4	—	
			SOFT POLY / CAST IRON HUB		N/A	RC-8139-PS8	—			
			SOFT POLY / CAST IRON HUB		SC-8132-PS8	RC-8132-PS8	45	12-3/4	7-1/2	
			SOFT POLY / CAST IRON HUB		SC-8149-PS8	RC-8149-PS8	43			
		2900	PHENOLIC		N/A	RC-8130-PR	—	10-3/4	—	
			PHENOLIC		SC-8132-PR	RC-8132-PR	29			12-3/4
			4000		CAST IRON	N/A	RC-8130-CI	—	10-3/4	
						N/A	RC-8130-CI	—		
		6000	CAST IRON		SC-8132-CI	RC-8132-CI	45	12-3/4	7-1/2	
					N/A	RC-8130-HD	—			10-3/4
N/A	RC-8132-HD	61	12-3/4	7-1/2						

R120

SERIES

Extra-Heavy Duty Forged Steel

Load Capacity: 1,000 lbs. - 15,000 lbs.

Quality Features

- INTEGRALLY FORGED KING PIN.**
 Large 1-1/4" King pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- HOT FORGED STEEL CONSTRUCTION.**
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 5/8" hardened chrome steel load bearings and tapered thrust bearing.
- FLAMED HARDENED SWIVEL RACEWAY.**
 All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.
- FORMED AND WELDED FORK LEGS.**
 Extra-wide 3/8" x 5" side forks with formed reinforcing bubble are continuously welded for added strength.
- LOCKED WHEEL AXLE.**
 Special 1-1/4" diameter ground steel axle bolt is locked in position with indexing lance in side fork to prevent unwanted movement.

Ranks as one of the heaviest, toughest single wheel caster on earth. Hot forged 8-1/2" square top plate, sectioned yoke base, and bottom bearing retainer are made with SAE-1050 steel and features a strong integrated king pin with slotted adjusting nut. Raceways are flame hardened for longer life and better performance.

Common applications include:

- Heavy Auto Frame Racks
- Extra-Heavy Service Dollies
- Truck and Tractor Tire Hauling
- Extra-Heavy Duty Towing Trailers

This exceptional extra-heavy duty caster is made to master any load. Standard finish is Industrial Blue Enamel.

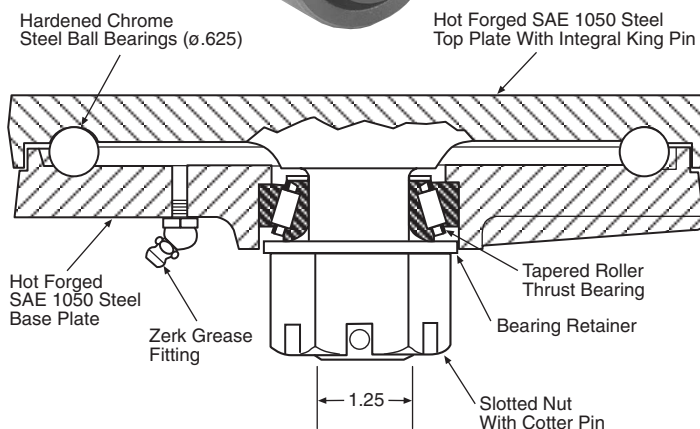


SWIVEL



RIGID

SWIVEL BEARING RACEWAY R120 SERIES

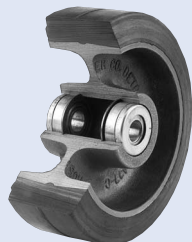


Wheel Selection

CAST IRON HUB

MOLD-ON RUBBER

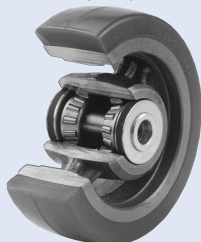
PAGE 120



CAST IRON HUB

MOLD-ON POLYURETHANE

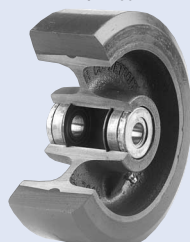
PAGE 128



CAST IRON HUB

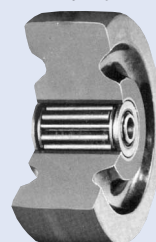
MOLD-ON SOFT POLY

PAGE 130



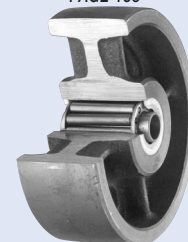
PHENOLIC

PAGE 134



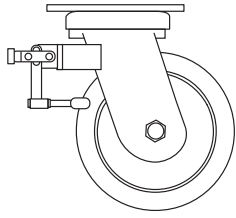
CAST IRON

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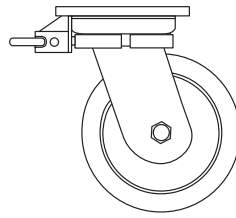
BRAKES

Universal Wheel Brake



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

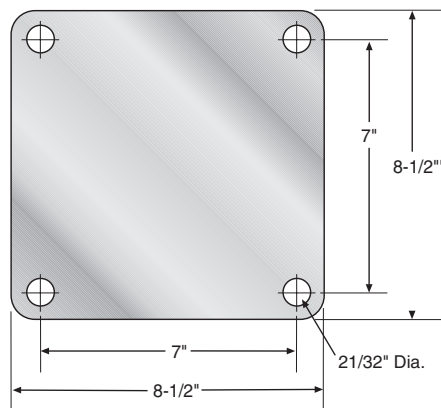
Heavy Duty Swivel Lock



This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the heavy-duty casters.

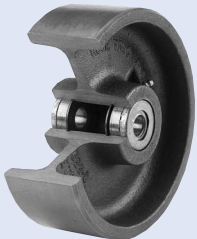
Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
7	3	15,000	CAST STEEL	TAPERED ROLLER	SC-120-7-CS†	RC-120-7-CS†	60	11-1/2	7
8	3	2500	PHENOLIC	TAPERED ROLLER	SC-120-8-PR	RC-120-8-PR	46	12	7-1/2
		6000	CAST IRON		SC-120-8-HDCI	RC-120-8-HDCI	66		
10,000	DROP FORGED STEEL	SC-120-8-FS†	RC-120-8-FS†		66				
10	3	1000	MOLD-ON RUBBER	TAPERED ROLLER	SC-120-10-RS	RC-120-10-RS	65	13	8-1/2
		2400	SOFT POLY / CAST IRON HUB		SC-120-10-PS8	RC-120-10-PS8	65		
		2900	PHENOLIC		SC-120-10-PR	RC-120-10-PR	49		
		3000	POLYURETHANE / CAST IRON HUB		SC-120-10-PS	RC-120-10-PS	65		
		6000	CAST IRON		SC-120-10-HDCI	RC-120-10-HDCI	75		
	4	1400	MOLD-ON RUBBER		SC-126-10-RS	RC-126-10-RS	68	14	
		2600	CAST IRON		SC-130-10-RS	RC-130-10-RS	70		
		3120	SOFT POLY / CAST IRON HUB		SC-126-10-CI*	RC-126-10-CI*	74	13	
		4200	POLYURETHANE / CAST IRON HUB		SC-126-10-PS8	RC-126-10-PS8	68	14	
		5000	CAST IRON		SC-13-10-PS8	RC-13-10-PS8	70	14	
11	5	1800	MOLD-ON RUBBER	N/A	RC-127-11-RS	—	13	—	
		4080	SOFT POLY / CAST IRON HUB	N/A	RC-127-11-PS8				
		4500	POLYURETHANE / CAST IRON HUB	N/A	RC-127-11-PS				
12	3 1/2	4000	PHENOLIC	TAPERED ROLLER	SC-130-12-PR	RC-130-12-PR	56	15	9-1/2
	4	1600	MOLD-ON RUBBER		SC-130-12-RS	RC-130-12-RS	75		
		3600	SOFT POLY / CAST IRON HUB		SC-130-12-PS8	RC-130-12-PS8	74		
		4800	POLYURETHANE / CAST IRON HUB		SC-130-12-PS	RC-130-12-PS			
		8000	PHENOLIC		SC-130-12-PR	RC-130-12-PR	62		

TOP PLATE



DUCTILE IRON

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WORKSTAND

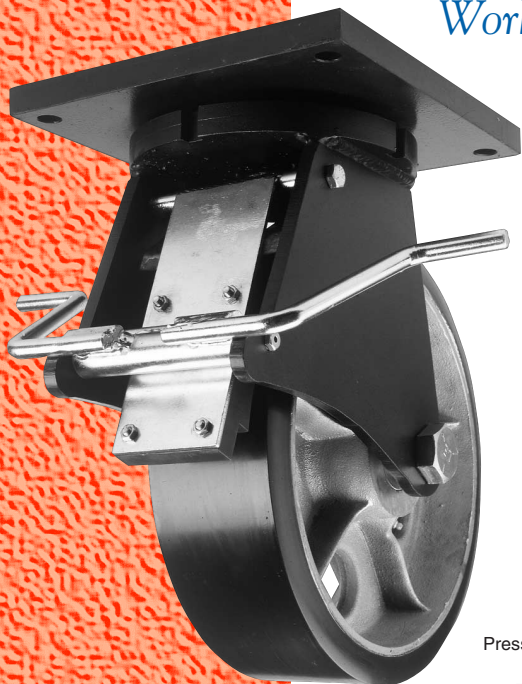
4500 SERIES

Extra-Heavy Duty Workstand

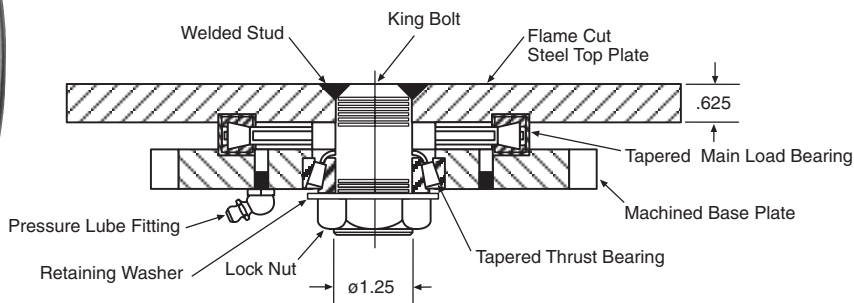
Load Capacity: 10,000 lbs.

Quality Features

Typically used in the aviation and aerospace industry on heavy-duty workstands for aircraft maintenance or assembly. Features include a precisely machined swivel raceway, special extra-heavy duty tapered swivel bearings for both upper main load bearing and lower thrust bearing, plus an extra-strong 1-1/4" welded stud and king bolt. The best choice for a single wheel, non-spring loaded caster for aviation workstands and equipment. Standard finish is Laguna Blue.



**SWIVEL BEARING RACEWAY
4500 SERIES**



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
16	5	10,000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	4516-YADI-M-CI-WB-SL	N/A	180	20	12
18	5	10,000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	4518-YADI-M-CI-WB-SL	N/A	200	22	13-1/2

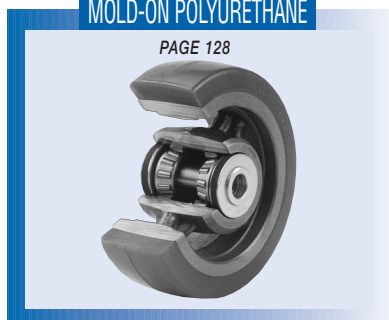


**WHEEL SELECTION,
TOP PLATE AND BRAKES
FOR
4500 & 5200 SERIES.**

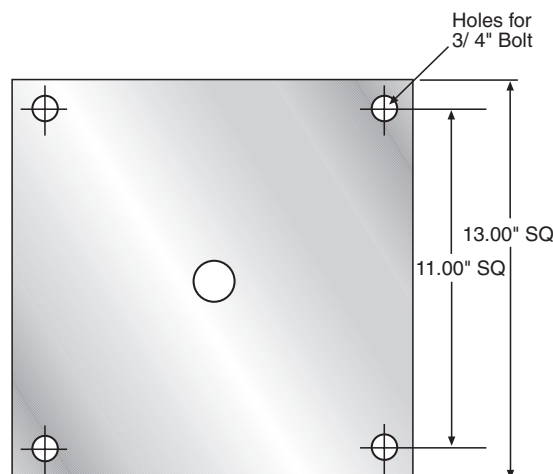
Wheel Selection

CAST IRON HUB
MOLD-ON POLYURETHANE

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TOP PLATE



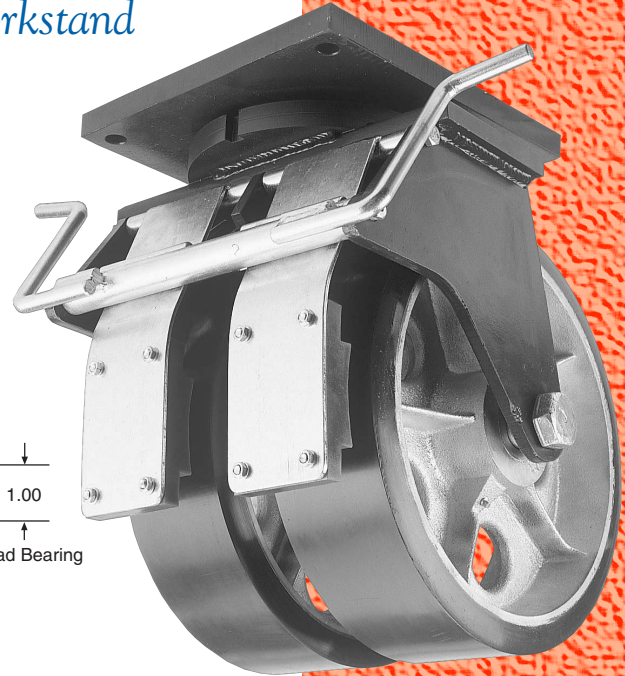
Load Capacity:
15,000 to 20,000lbs.

Quality Features

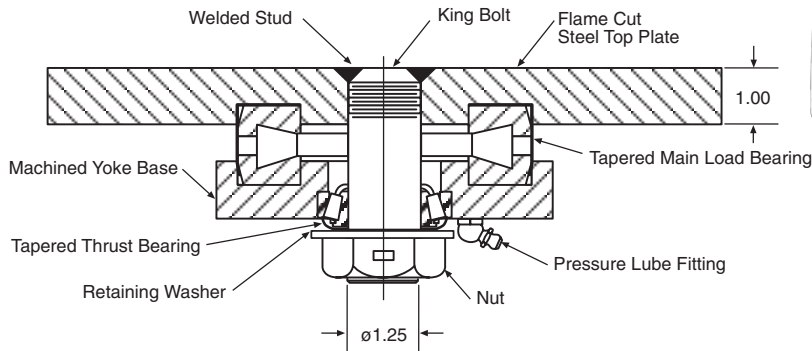
For aviation and aerospace workstands that require the highest load capacity and receive the most severe handling. A combination of better load distribution and the differential action of the twin wheel offers higher load capacity and requires less effort to change the direction of the swivel. Heavy supporting center leg and side forks are flame cut from thick plate steel and continuously welded on both sides for added strength and durability. Super heavy-duty tapered bearings support the main load bearing and lower thrust bearing of the swivel raceway. Standard finish is Laguna Blue.

5200 SERIES

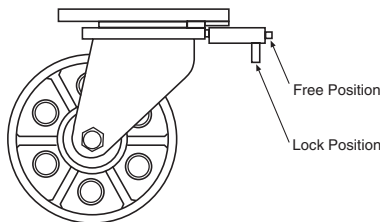
Super-Heavy Duty Workstand



**SWIVEL BEARING RACEWAY
5200 SERIES**

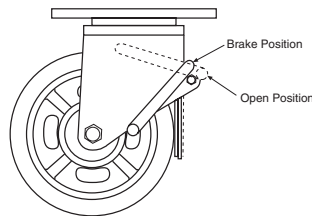


Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
16	5	15,000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	5216-YADI-M-CI-WB-SL	N/A	250	20	12
18	5	20,000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	5218-YADI-M-CI-WB-SL	N/A	280	22	13-1/2



Four Position Swivel Lock

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.



Heavy Duty Wheel Brake (WB)

This wheel brake was especially designed for heavy equipment that must be made firmly immobile. The overall height of this caster with the brake applied or released remains the same, even when used with companion casters or a swivel or rigid.



WORKSTAND

8000 SERIES

Single Wheel
Spring-Loaded
Workstand

Load Capacity: 10,000 lbs.

Quality Features

Expertly engineered to be the best single wheel, shock absorbing workstand caster available. Heavy-duty Bellville spring suspension allows for safe movement over irregular surfaces providing 3-inches of travel. Tapered roller bearings are used both in the swivel raceway and the wheel. All metal parts are expertly machined and hand crafted to exact specifications and close tolerances.

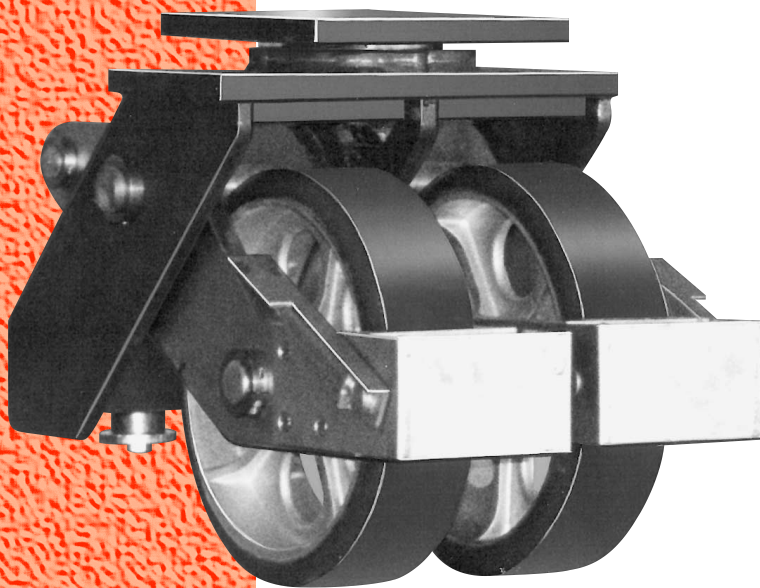
8000 SERIES

Dual-Wheel
Spring-Loaded
Workstand

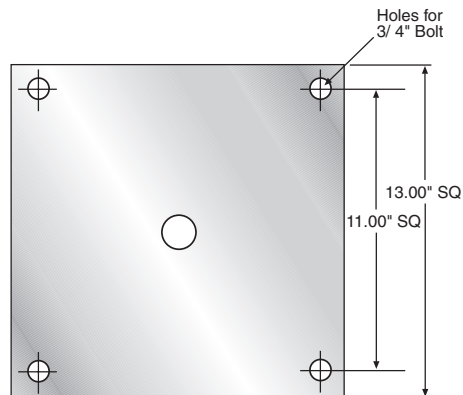
Load Capacity: 20,000 lbs.

Quality Features

The ultimate answer to suspending extremely heavy loads. Suspension system allows 3-inches of travel (unloaded) to smooth out the way for moving heavy loads commonly found in aviation scaffolding. Tapered roller bearings are used in both wheels and swivel raceway to allow for easy operation and provide long service life.



TOP PLATE

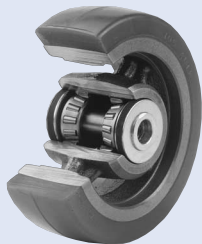


Wheel Selection

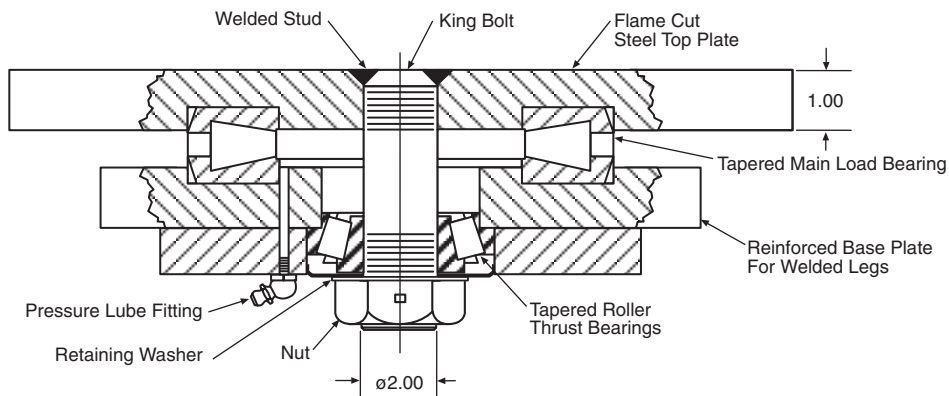
CAST IRON HUB

MOLD-ON POLYURETHANE

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SWIVEL BEARING RACEWAY 8000 SERIES



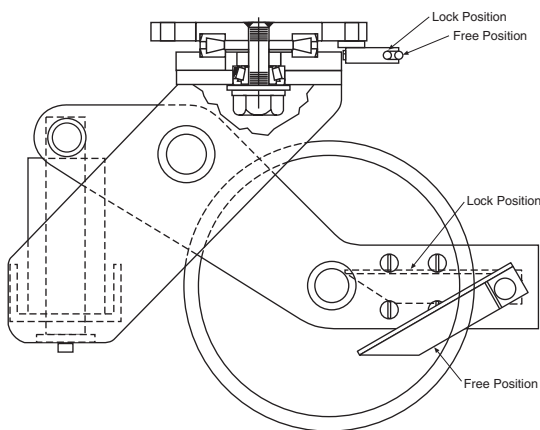
8000 Series Single Wheel

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
18	5	10,000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	8118-YADI-M-CI-WB-SL	N/A	500	25	18

8000 Series Dual Wheel

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
18	5	20,000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	8218-YADI-M-CI-WB-SL	N/A	820	25	20
20	5	20,000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	8220-YADI-M-CI-WB-SL	N/A	850	26	21

BRAKES

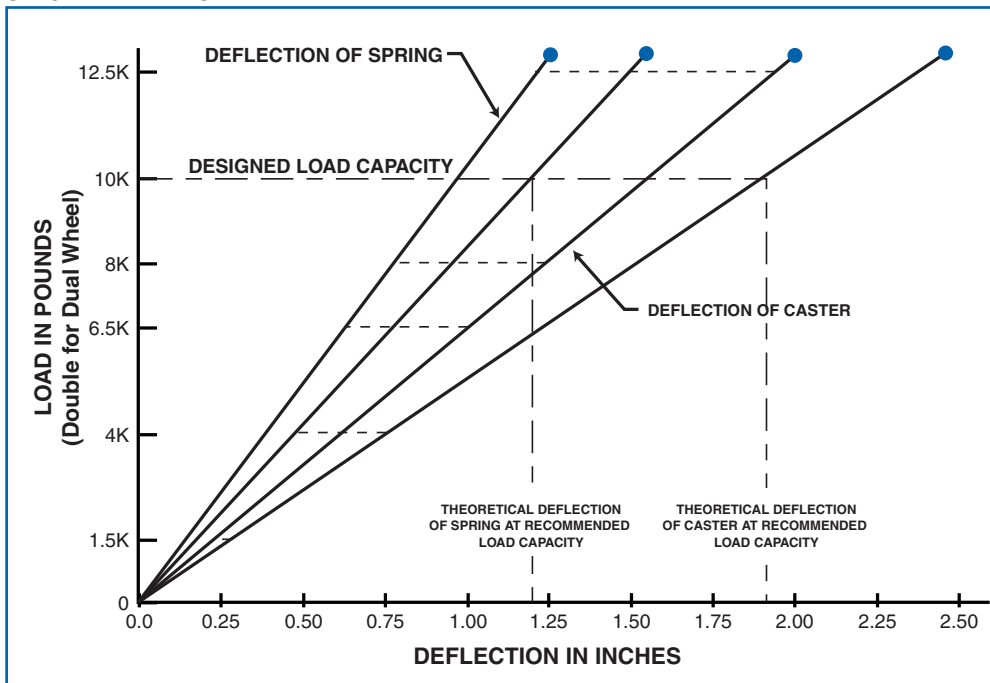


Four Position Swivel Lock and Wheel Brake

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action. Foot operated wheel brake provides positive brake action.



SINGLE WHEEL CHART



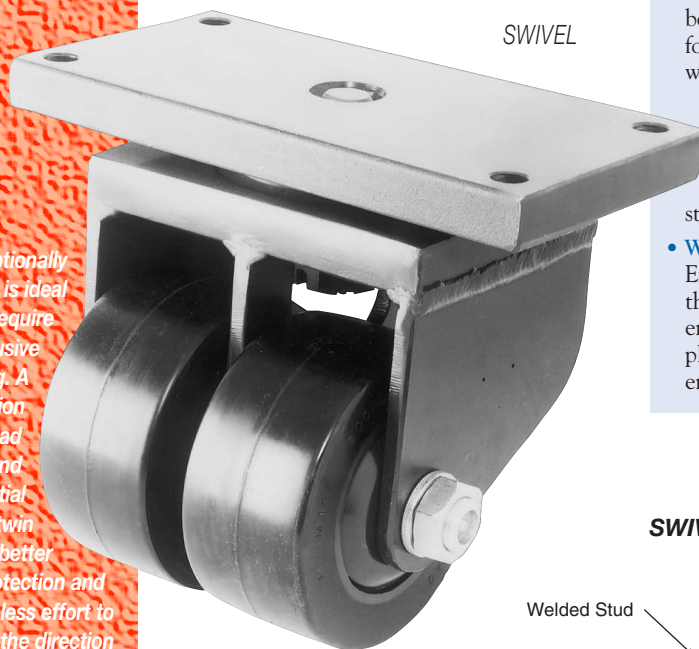
Load Capacity: 1,200 to 10,000 lbs.

DUAL WHEEL

5200 SERIES

Extra-Heavy Duty Dual Wheel

This exceptionally strong caster is ideal for jobs that require severe, abusive handling. A combination of better load distribution and the differential action of the twin wheel offers better floor protection and requires less effort to change the direction of the swivel. Standard finish is Laguna Blue.

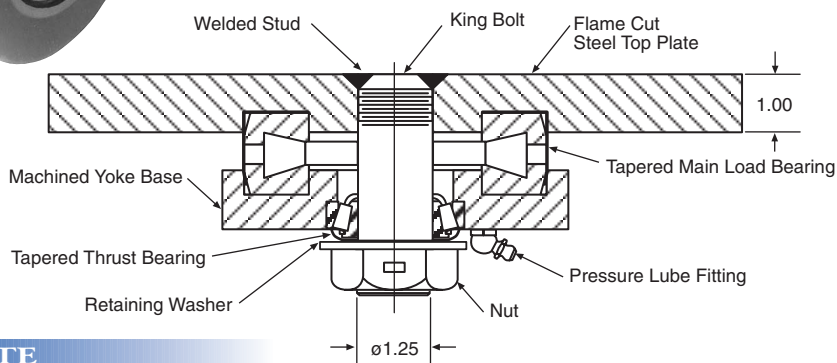


SWIVEL

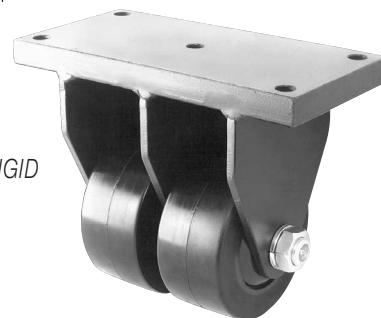
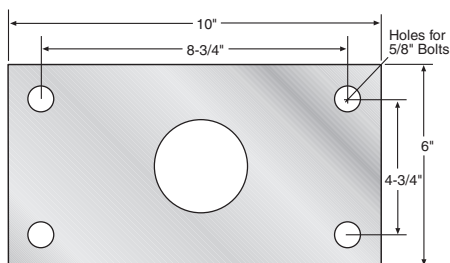
Quality Features

- MACHINED RACEWAY.**
 Upper raceway top plate and base plate are flame cut from 1" thick steel and precisely machined by CNC lathe to very close tolerances and dimensions. Pressure fitting is supplied in base plate for lubrication.
- TAPERED SWIVEL BEARINGS.**
 Both upper main load bearing and lower thrust bearing utilize heavy-duty tapered roller bearings for maximum mobility under heavy loads and to withstand lateral forces.
- STURDY CENTER LEG AND SIDE FORKS.**
 Heavy supporting center leg and side forks are flame cut from 1" plate steel and continuously welded on both sides for added strength and durability.
- WELDED STUD AND KING BOLT.**
 Extra-large 1-1/4" hardened steel king bolt is threaded and securely fastened at both ends to ensure a solid fit. The stud is welded to the top plate to prevent loosening, while the nut is tightened to exact specifications.

SWIVEL BEARING RACEWAY 5200 SERIES



TOP PLATE



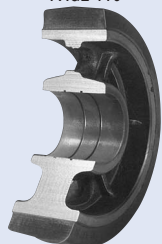
RIGID



Wheel Selection

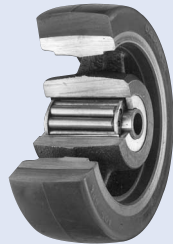
MOLD-ON NEOPRENE

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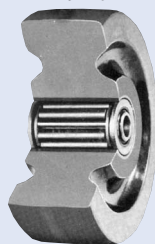
MOLD-ON POLYURETHANE

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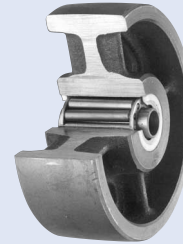
PHENOLIC

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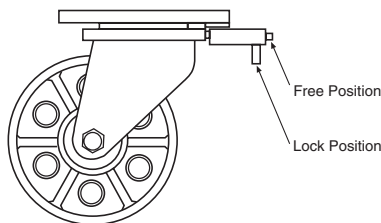
CAST IRON

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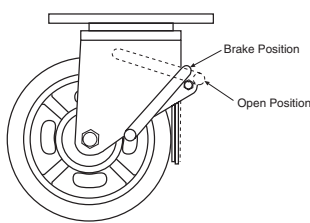


BRAKES

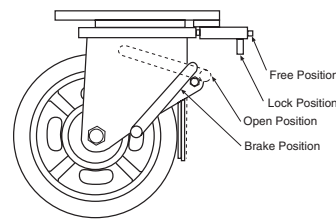
Four Position Swivel Lock (SL)



Heavy Duty Wheel Brake (WB)



Combination Swivel Lock & Wheel Brake (SL-WB)



Four Position Swivel Lock

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Heavy Duty Wheel Brake

This wheel brake was especially designed for heavy equipment that must be made firmly immobile. The overall height of this caster with the brake applied or released remains the same, even when used with companion casters or a swivel or rigid.

Combination Swivel Lock & Wheel Brake

This combination horizontal four position swivel lock and wheel brake was designed to work together or operate independently from one another. Both the swivel lock plunger and the wheel brake operate from a spring steel action to assure a positive operation.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius		
6	2½	10,000	CAST IRON	ROLLER	5206-TCI	5206-TRCI	66	9-3/4	6		
				TAPERED ROLLER	5206-YCI	5206-YRCI					
	2¾	1200	MOLD-ON NEOPRENE	ROLLER	5206-TDN-M-CI	5206-TRDN-M-CI					
				TAPERED ROLLER	5206-YDN-M-CI	5206-YRDN-M-CI					
				1500	MOLD-ON HI-CAP NEOPRENE	ROLLER				5206-TKN-M-CI	5206-TRKN-M-CI
						TAPERED ROLLER				5206-YKN-M-CI	5206-YRKN-M-CI
	7000	POLYURETHANE / CAST IRON HUB	ROLLER	5206-TADI-M-CI	5206-TRADI-M-CI						
			TAPERED ROLLER	5206-YADI-M-CI	5206-YRADI-M-CI						
	3	4000	PHENOLIC	ROLLER	5206-TPR-3	5206-TRPR-3					
				TAPERED ROLLER	5206-YPR-3	5206-YRPR-3					
8	2½	4000	PHENOLIC	ROLLER	5208-TPR	5208-TRPR	81	11-3/4	7		
				TAPERED ROLLER	5208-YPR	5208-YRPR					
	2¾	10,000	CAST IRON	ROLLER	5208-TCI	5208-TRCI					
				TAPERED ROLLER	5208-YCI	5208-YRCI					
				1200	MOLD-ON NEOPRENE	ROLLER				5208-TDN-M-CI	5208-TRDN-M-CI
						TAPERED ROLLER				5208-YDN-M-CI	5208-YRDN-M-CI
	1500	MOLD-ON HI-CAP NEOPRENE	ROLLER	5208-TKN-M-CI	5208-TRKN-M-CI						
			TAPERED ROLLER	5208-YKN-M-CI	5208-YRKN-M-CI						
	10,000	POLYURETHANE / CAST IRON HUB	ROLLER	5208-TADI-M-CI	5208-TRADI-M-CI						
			TAPERED ROLLER	5208-YADI-M-CI	5208-YRADI-M-CI						
3	5200	PHENOLIC	ROLLER	5208-TPR-3	5208-TRPR-3						
			TAPERED ROLLER	5208-YPR-3	5208-YRPR-3						
10	2½	5000	PHENOLIC	ROLLER	5210-TPR	5210-TRPR	90	13-3/4	8		
				TAPERED ROLLER	5210-YPR	5210-YRPR					
	2¾	1200	MOLD-ON NEOPRENE	ROLLER	5210-TDN-M-CI	5210-TRDN-M-CI					
				TAPERED ROLLER	5210-YDN-M-CI	5210-YRDN-M-CI					
				1500	MOLD-ON HI-CAP NEOPRENE	ROLLER				5210-TKN-M-CI	5210-TRKN-M-CI
						TAPERED ROLLER				5210-YKN-M-CI	5210-YRKN-M-CI
	10,000	CAST IRON	ROLLER	5210-TCI	5210-TRCI						
			TAPERED ROLLER	5210-YCI	5210-YRCI						
	POLYURETHANE / CAST IRON HUB	ROLLER	5210-TADI-M-CI	5210-TRADI-M-CI							
		TAPERED ROLLER	5210-YADI-M-CI	5210-YRADI-M-CI							
3	5800	PHENOLIC	ROLLER	5210-TPR-3	5210-TRPR-3						
			TAPERED ROLLER	5210-YPR-3	5210-YRPR-3						
12	2½	6000	PHENOLIC	ROLLER	5212-TPR	5212-TRPR	108	15-3/4	9		
				TAPERED ROLLER	5212-YPR	5212-YRPR					
	2¾	1500	MOLD-ON NEOPRENE	ROLLER	5212-TDN-M-CI	5212-TRDN-M-CI					
				TAPERED ROLLER	5212-YDN-M-CI	5212-YRDN-M-CI					
				1800	MOLD-ON HI-CAP NEOPRENE	ROLLER				5212-TKN-M-CI	5212-TRKN-M-CI
						TAPERED ROLLER				5212-YKN-M-CI	5212-YRKN-M-CI
	10,000	CAST IRON	ROLLER	5212-TCI	5212-TRCI						
			TAPERED ROLLER	5212-YCI	5212-YRCI						
	POLYURETHANE / CAST IRON HUB	ROLLER	5212-TADI-M-CI	5212-TRADI-M-CI							
		TAPERED ROLLER	5212-YADI-M-CI	5212-YRADI-M-CI							
3	7000	PHENOLIC	ROLLER	5212-TPR-3	5212-TRPR-3						
			TAPERED ROLLER	5212-YPR-3	5212-YRPR-3						

DUAL WHEEL

R100, R110, R120 SERIES

Heavy Duty Dual Wheel

Load Capacity: 820 to 9,600 lbs.

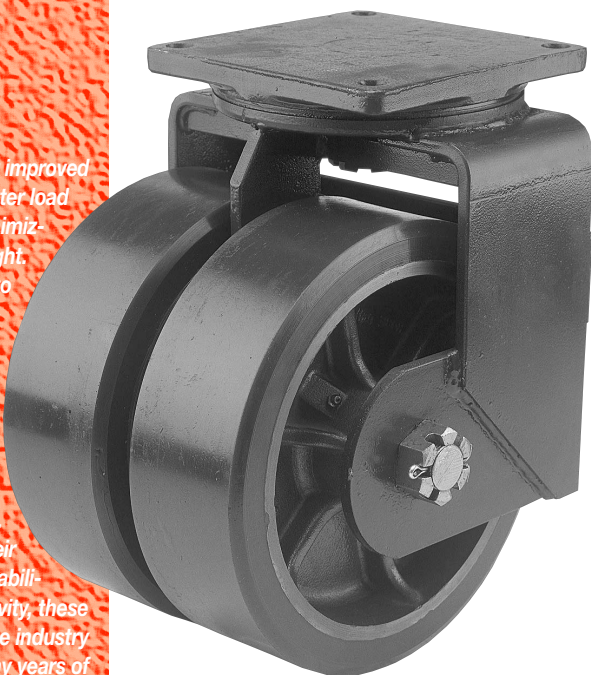
Quality Features

- INTEGRALLY FORGED KING PIN.**
 Solid king pin is integrally forged with upper raceway using SAE-1050 quality grade steel. Used with a slotted nut to allow for proper bearing adjustment whenever necessary. Designed to be virtually indestructible!
- HOT FORGED STEEL CONSTRUCTION**
 Top plate, yoke base and bearing retainer are hot forged using SAE-1050 hardening quality steel. Raceways are precision machined for 5/8" hardened chrome steel load bearings and tapered thrust bearing.
- FLAME HARDENED SWIVEL RACEWAY.**
 All bearing raceways are flame hardened to extend service life, reduce brinelling from shock loads, and to generally improve swivel performance.

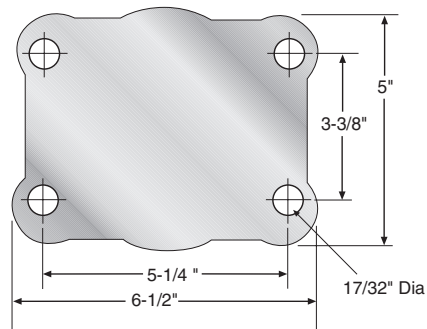
Designed for improved stability and greater load capacity while minimizing overall height.

Due to better load distribution and the "differential action" of the dual wheels, less effort is required to change directions of the swivel.

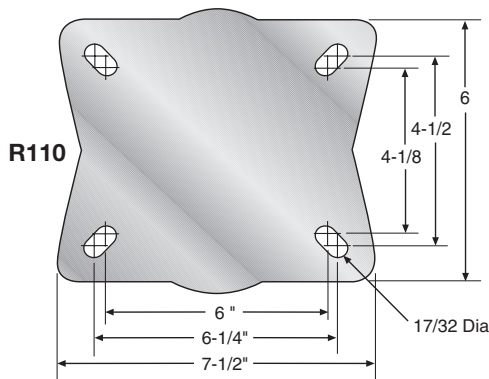
Known for their dependability, durability, and longevity, these workhorses of the industry will provide many years of steady, trouble-free performance. Standard finish is industrial blue enamel.



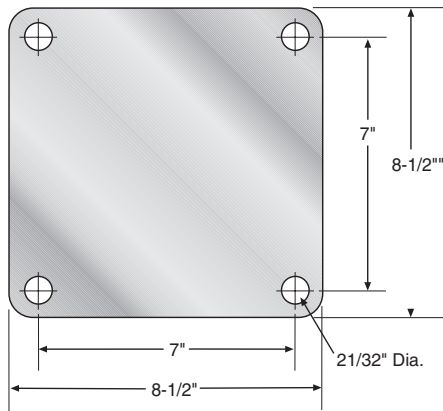
TOP PLATES



R100



R110



R120

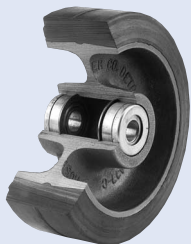


Wheel Selection

CAST IRON HUB

MOLD-ON RUBBER

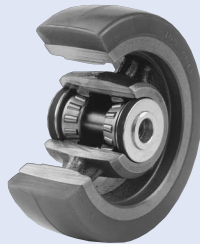
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CAST IRON HUB

MOLD-ON POLYURETHANE

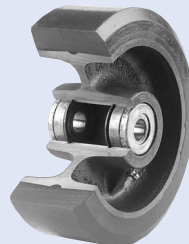
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CAST IRON HUB

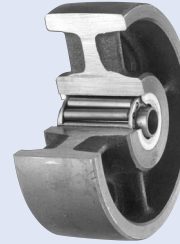
MOLD-ON SOFT POLY

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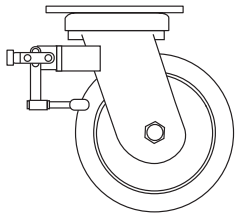
CAST IRON

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BRAKES

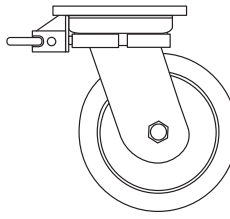
Universal Wheel Brake



Universal Wheel Brake

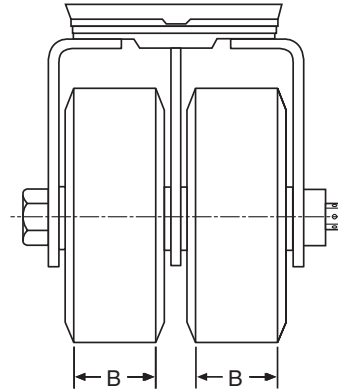
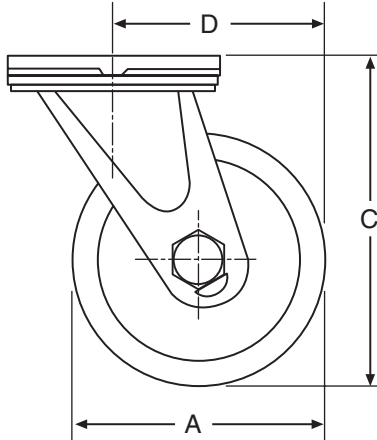
The strongest, most positive foot-operated caster available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

Heavy Duty Swivel Lock



Heavy Duty Swivel Lock

This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the heavy-duty casters.



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
		LBS					LBS			
6	2	600	SOFT POLY / CAST IRON HUB	TAPERED ROLLER	TSC-102-6-PS8	TRC-102-6-PS8	25	8-1/2	5-1/2	
		820	MOLD-ON RUBBER		TSC-102-6-RS	TRC-102-6-RS				
		2500	POLYURETHANE / CAST IRON HUB		TSC-102-6-PS	TRC-102-6-PS				
	2 1/2	960	SOFT POLY / CAST IRON HUB		TSC-100-6-PS8	TRC-100-6-PS8	30	8	5-1/4	
		1800	MOLD-ON RUBBER		TSC-100-6-RS	TRC-100-6-RS	29			
		3000	POLYURETHANE / CAST IRON HUB		TSC-101-6-RS	TRC-101-6-RS	28			
8	3	1600	MOLD-ON RUBBER	TSC-110-8-RS	TRC-110-8-RS	51	11	6-1/2		
		1700	MOLD-ON RUBBER	TSC-120-8-RS	TRC-120-8-RS	68				
		2050	SOFT POLY / CAST IRON HUB	TSC-110-8-PS8	TRC-110-8-PS8	52				
		4000	POLYURETHANE / CAST IRON HUB	TSC-110-8-PS	TRC-110-8-PS					
		2050	SOFT POLY / CAST IRON HUB	TSC-120-8-PS8	TRC-120-8-PS8	69				
		5000	POLYURETHANE / CAST IRON HUB	TSC-120-8-PS	TRC-120-8-PS					
10	2 1/2	1600	MOLD-ON RUBBER	TAPERED ROLLER	TSC-122-10-RS	TRC-122-10-RS	66	13	7-1/2	
		2160	SOFT POLY / CAST IRON HUB		TSC-122-10-PS8	TRC-122-10-PS8	67			
		5000	POLYURETHANE / CAST IRON HUB		TSC-122-10-PS	TRC-122-10-PS				
	3	2000	MOLD-ON RUBBER		TSC-110-10-RS	TRC-110-10-RS	74	12-1/2	8	
		2400	SOFT POLY / CAST IRON HUB		TSC-120-10-RS	TRC-120-10-RS	95	13		
		5000	POLYURETHANE / CAST IRON HUB		TSC-110-10-PS8	TRC-110-10-PS8				
		5000	POLYURETHANE / CAST IRON HUB		TSC-110-10-PS	TRC-110-10-PS	75	12-1/2	7-1/2	
		2400	SOFT POLY / CAST IRON HUB		TSC-120-10-PS8	TRC-120-10-PS8				
		6000	POLYURETHANE / CAST IRON HUB		TSC-120-10-PS	TRC-120-10-PS	96	8		
		4	2800		MOLD-ON RUBBER	TSC-126-10-RS	TRC-126-10-RS	100	13	8-1/2
			3120		SOFT POLY / CAST IRON HUB	TSC-110-10-PS	TRC-110-10-PS			
			8400		POLYURETHANE / CAST IRON HUB	TSC-126-10-PS8	TRC-126-10-PS8			
11	5	3600	MOLD-ON RUBBER	TAPERED ROLLER	TSC-130-11-RS	TRC-130-11-RS	123	14-1/2	9	
		4080	SOFT POLY / CAST IRON HUB		TSC-130-11-PS8	TRC-130-11-PS8	124			
		9000	POLYURETHANE / CAST IRON HUB		TSC-130-11-PS	TRC-130-11-PS				
12	4	3200	MOLD-ON RUBBER	TAPERED ROLLER	TSC-130-12-RS	TRC-130-12-RS	114	15-1/2	9-1/2	
		3600	SOFT POLY / CAST IRON HUB		TSC-120-10-PS	TRC-120-10-PS	115			
		9600	POLYURETHANE / CAST IRON HUB		TSC-130-12-PS8	TRC-130-12-PS8				
					TSC-130-12-PS	TRC-130-12-PS				

SHOCK ABSORBING

CR-II SERIES

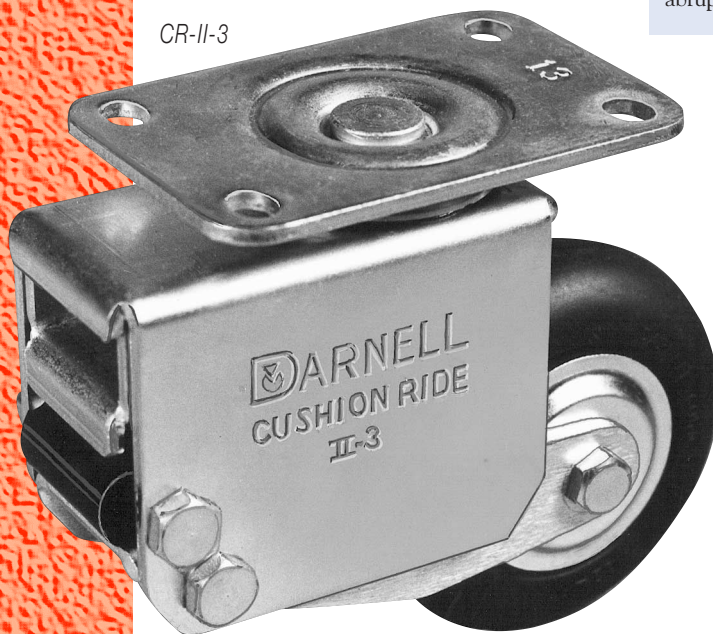
Light Duty
Shock Absorbing

Load Capacity: 110 lbs.

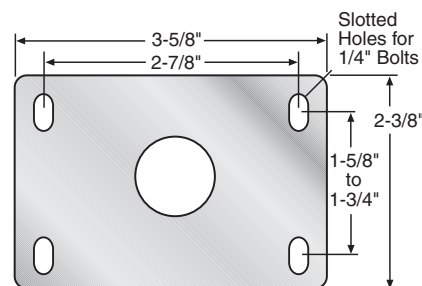
Quality Features

The CR-II-3 is a shock absorbing caster specifically designed for equipment which must be protected from shock and vibration. This unique design gives vertical deflection in response to a light load, but also provides protection against heavier shock loads. If a unit is dropped or subjected to a sudden load, the caster will provide smooth shock absorption and will not suddenly hit bottom or abruptly come to the limit of its spring system.

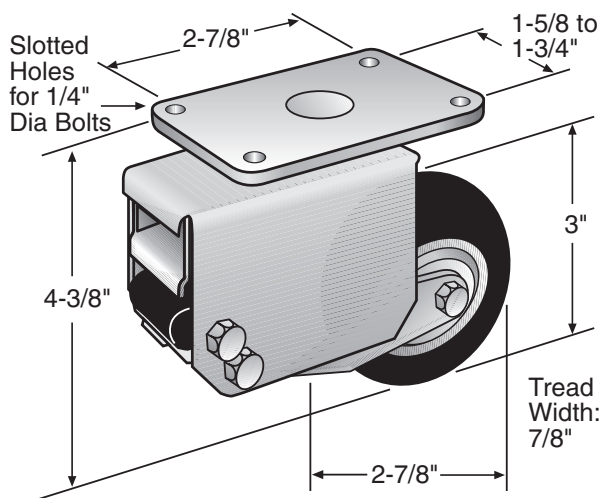
CR-II-3



TOP PLATE



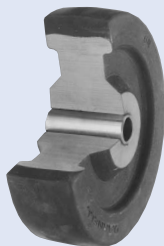
#13



Wheel Selection

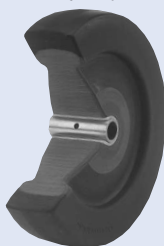
NEOPRENE RUBBER

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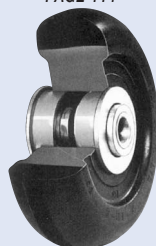
HI-CAP NEOPRENE

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EXTRA-SOFT NEOPRENE

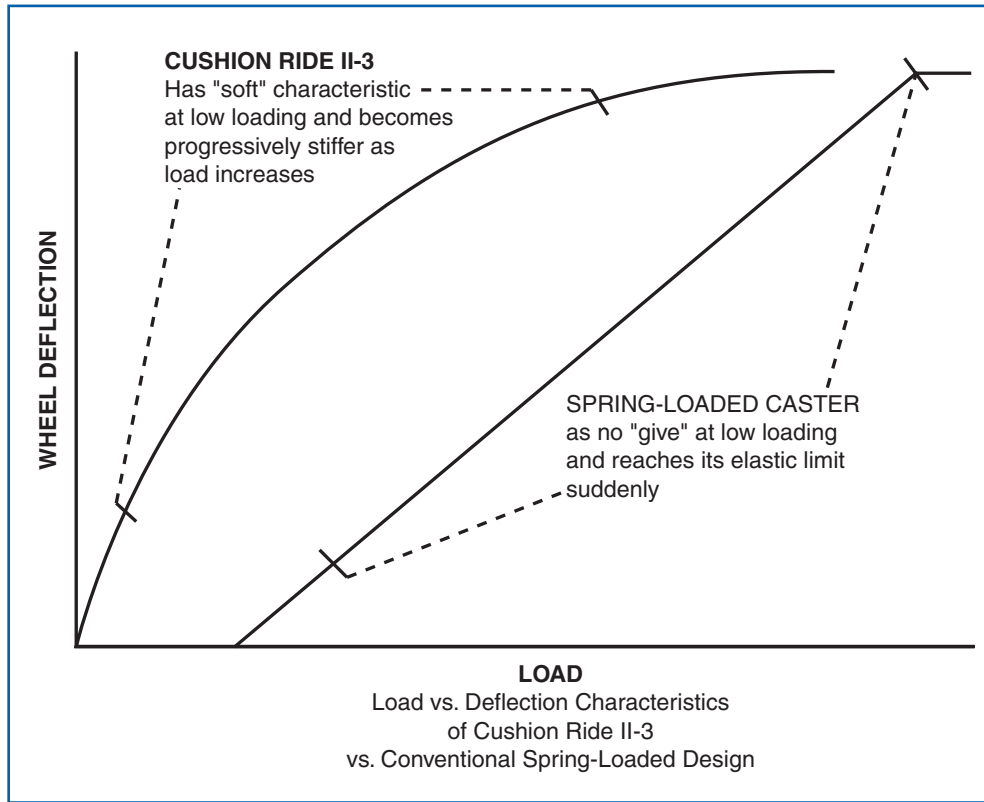
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HARD RUBBER

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Light Duty Shock Absorbing



CR-II-3 Series

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius	
3	$\frac{7}{8}$	110	EXTRA SOFT NEOPRENE	ACETAL	CR-II-3-PEZN-RD	CR-II-3-PREZN-RD	2-1/4	4-3/8	2-7/8	
				BALL	CR-II-3-XEZN-RD	CR-II-3-XREZN-RD				
			NEOPRENE RUBBER	ACETAL	CR-II-3-PDN	CR-II-3-PRDN				
				BALL	CR-II-3-XDN	CR-II-3-XRDN				
			125	HI-CAP NEOPRENE	ACETAL	CR-II-3-PKN				CR-II-3-PRKN
					BALL	CR-II-3-XKN				CR-II-3-XRKN
		ACETAL			CR-II-3-PH	CR-II-3-PRH				
		185	HARD RUBBER	ACETAL	CR-II-3-PH	CR-II-3-PRH				
				BALL	CR-II-3-XH	CR-II-3-XRH				

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Food Service Association



WORLDWIDE D-I-Y COUNCIL



icm
INSTITUTE OF CASTER MANUFACTURERS



UL
UNDERWRITERS LABORATORY



INDUSTRY MANUFACTURERS COUNCIL



nafem

SHOCK ABSORBING

R110 SERIES

Shear Disc
Shock Absorbing

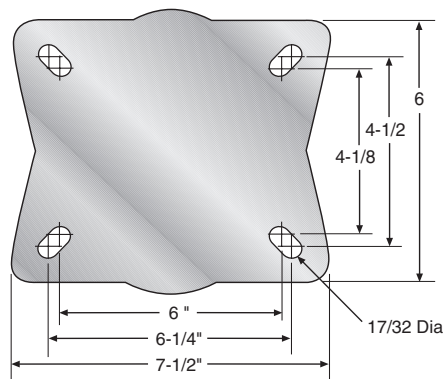
Load Capacity: 640 to 1,500 lbs.

Quality Features

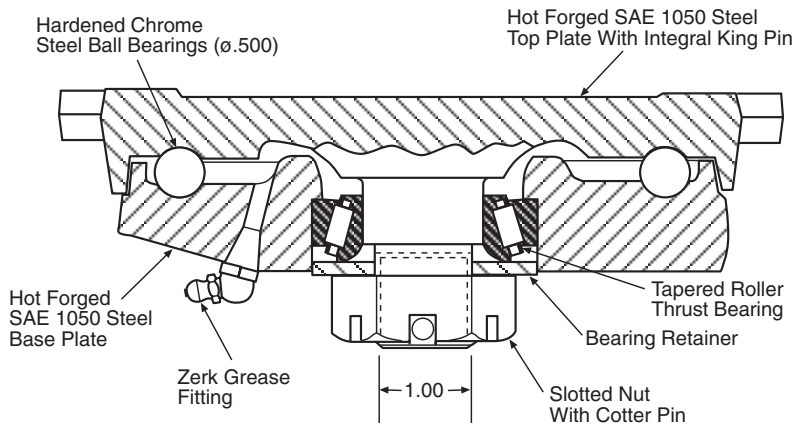
Very popular in automotive tow-line applications, these casters reduce damage to products, rolling equipment, and floors. The nonlinear suspension also makes the work place quieter by cutting vibration generated noise of in-plant trailers by 50% or more. Heavy-duty caster yoke features SAE 1050 forged steel top plate and yoke base with integral king pin and flame hardened raceways. Because the shear disc works within the confines of conventional mounting dimensions, it is much easier to switch over and start saving floors, equipment and hearing.



TOP PLATE



SWIVEL BEARING RACEWAY- R110 SERIES



Wheel Selection

CAST IRON HUB

CAST IRON HUB

CAST IRON HUB

PHENOLIC

CAST IRON

MOLD-ON RUBBER

MOLD-ON POLYURETHANE

MOLD-ON SOFT POLY

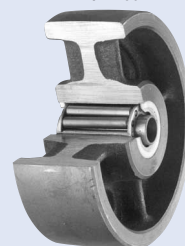
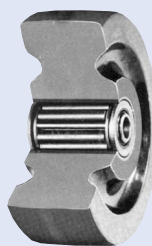
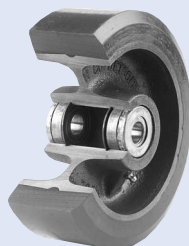
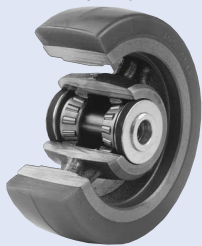
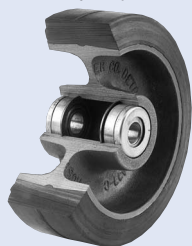
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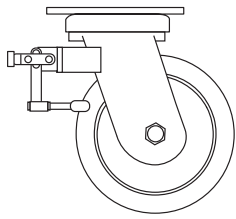
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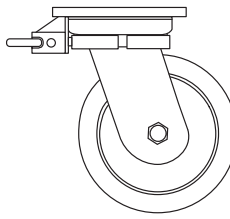
BRAKES

Universal Wheel Brake



The strongest, most positive foot-operated brake available. Once locked, this brake cannot be forced open under any amount of abuse until the foot bar is raised to the unlocked position. Works equally well on hard tread or soft tread wheels. Is fully adjustable to compensate for wheel wear, and is even effective on wheels with thread guards or tapered roller bearings. All parts, according to their mechanical functions, stresses, strains and wear are heat treated for longer life.

Heavy Duty Swivel Lock



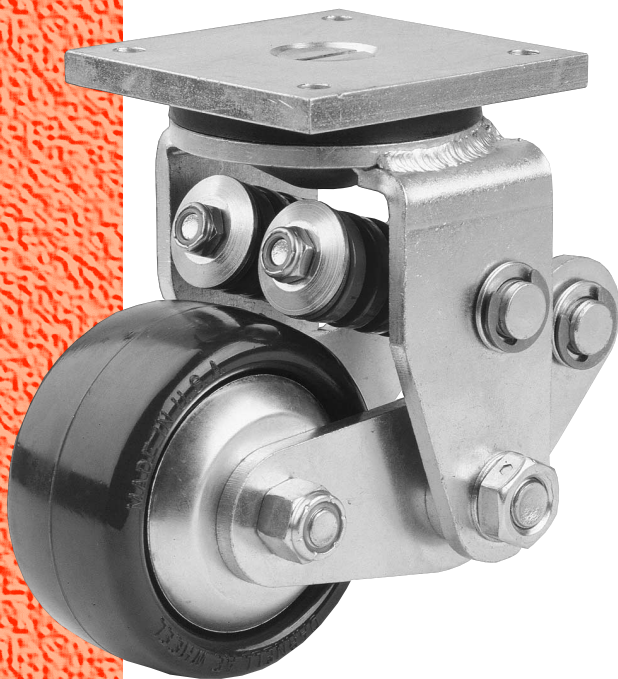
This husky, plunger-type swivel lock, with cast malleable iron body can be welded to any of the heavy-duty casters.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius				
6	3	680	MOLD-ON RUBBER	TAPERED ROLLER	SDC-110-63-RS	RDC-110-63-RS	32-1/10	9-1/2	5-1/2				
		1080	SOFT POLY / CAST IRON HUB		SDC-110-63-PS8	RDC-110-63-PS8	32-1/5						
		1500	CAST IRON		SDC-110-63-CI	RDC-110-63-CI	36-1/10						
			PHENOLIC		SDC-110-63-PR	RDC-110-63-PR	26-1/10						
			POLYURETHANE / CAST IRON HUB		SDC-110-63-PS	RDC-110-63-PS	32-1/5						
8	3	840	MOLD-ON RUBBER*	TAPERED ROLLER	SDC-110-7-RS	RDC-110-7-RS	36-7/10	10-1/2	6-1/2				
			MOLD-ON RUBBER		SDC-110-73-RS	RDC-110-73-RS	37	11-1/2					
		1500	CAST IRON		SDC-110-8-RS	RDC-110-8-RS	37	10-1/2					
			PHENOLIC		SDC-110-83-RS	RDC-110-83-RS	37-2/5	11-1/2					
					SDC-110-8-CI	RDC-110-8-CI	39	10-1/2					
			POLYURETHANE / CAST IRON HUB		SDC-110-83-CI	RDC-110-83-CI	39-9/10	11-1/2					
					SDC-110-8-PR	RDC-110-8-PR	33	10-1/2					
					SDC-110-83-PR	RDC-110-83-PR	33-3/10	11-1/2					
			2050		SOFT POLY / CAST IRON HUB	SDC-110-7-PS	RDC-110-7-PS	36-9/10		10-1/2			
		SDC-110-73-PS				RDC-110-73-PS	37	11-1/2					
		SDC-110-8-PS				RDC-110-8-PS	37-1/5	10-1/2					
		SDC-110-83-PS				RDC-110-83-PS	37-1/2	11-1/2					
		SDC-110-7-PS8				RDC-110-7-PS8	36-9/10	10-1/2					
		10	3		1000	MOLD-ON RUBBER	TAPERED ROLLER	SDC-110-10-RS		RDC-110-10-RS	47-1/2	12-1/2	7-1/2
						MOLD-ON RUBBER*		SDC-110-11-RS		RDC-110-11-RS	49-1/2	13-1/2	8-1/2
1500	CAST IRON			SDC-110-111-RS		RDC-110-111-RS		50-2/5	14-1/2	8-1/2			
				SDC-110-9-RS		RDC-110-9-RS		46-1/10	12-1/2	7-1/2			
	PHENOLIC			SDC-110-93-RS		RDC-110-93-RS		48-3/10	13-1/2	8-1/2			
				SDC-110-94-RS	RDC-110-94-RS	48-4/5		14-1/2	8-1/2				
				SDC-110-10-CI	RDC-110-10-CI	47-9/10		12-1/2	7-1/2				
2400	SOFT POLY / CAST IRON HUB			CAST IRON	SDC-110-11-CI	RDC-110-11-CI		50	13-1/2	8-1/2			
					SDC-110-111-CI	RDC-110-111-CI		50-1/2	14-1/2	8-1/2			
				PHENOLIC	SDC-110-10-PR	RDC-110-10-PR		34-3/10	12-1/2	7-1/2			
					SDC-110-11-PR	RDC-110-11-PR		36-2/5	13-1/2	8-1/2			
				POLYURETHANE / CAST IRON HUB	SDC-110-111-PR	RDC-110-111-PR		36-9/10	14-1/2	8-1/2			
					SDC-110-10-PS	RDC-110-10-PS		47-4/5	12-1/2	7-1/2			
					SDC-110-11-PS	RDC-110-11-PS		49-3/10	13-1/2	8-1/2			
					SDC-110-111-PS	RDC-110-111-PS		49-4/5	14-1/2	8-1/2			
					SDC-110-9-PS	RDC-110-9-PS		46-3/10	12-1/2	7-1/2			
					SDC-110-93-PS	RDC-110-93-PS		48-3/5	13-1/2	8-1/2			
3120	SOFT POLY / CAST IRON HUB			CAST IRON	SDC-110-94-PS	RDC-110-94-PS		49-1/10	14-1/2	8-1/2			
					SDC-110-10-PS8	RDC-110-10-PS8		47-4/5	12-1/2	7-1/2			
				PHENOLIC	SDC-110-11-PS8	RDC-110-11-PS8		49-3/10	13-1/2	8-1/2			
		SDC-110-111-PS8	RDC-110-111-PS8		49-4/5	14-1/2	8-1/2						
		POLYURETHANE / CAST IRON HUB	SDC-110-9-PS8	RDC-110-9-PS8	46-3/10	12-1/2	7-1/2						
			SDC-110-93-PS8	RDC-110-93-PS8	48-3/5	13-1/2	8-1/2						
			SDC-110-94-PS8	RDC-110-94-PS8	49-1/10	14-1/2	8-1/2						
			SDC-110-104-RS	RDC-110-104-RS	52-9/10	12-1/2	8-1/2						
4	SOFT POLY / CAST IRON HUB	CAST IRON	SDC-110-104-CI	RDC-110-104-CI	50-2/5	12-1/2	8-1/2						
		POLYURETHANE / CAST IRON HUB	SDC-110-104-PS	RDC-110-104-PS	36-9/10	12-1/2	8-1/2						
		PHENOLIC	SDC-110-104-PS8	RDC-110-104-PS8	36-9/10	12-1/2	8-1/2						
		MOLD-ON RUBBER	SDC-110-104-PS8	RDC-110-104-PS8	36-9/10	12-1/2	8-1/2						
12	3	1140	MOLD-ON RUBBER	TAPERED ROLLER	SDC-110-112-RS	RDC-110-112-RS	51-9/10	15-1/2	9-1/2				
			PHENOLIC		SDC-110-12-RS	RDC-110-12-RS	50-1/2	14-1/2					
		1500	POLYURETHANE / CAST IRON HUB		SDC-110-112-PR	RDC-110-112-PR	39-4/5	15-1/2					
			SOFT POLY / CAST IRON HUB		SDC-110-12-PR	RDC-110-12-PR	38-1/2	14-1/2					
		2760	SOFT POLY / CAST IRON HUB		PHENOLIC	SDC-110-112-PS	RDC-110-112-PS	52-2/5		15-1/2			
					POLYURETHANE / CAST IRON HUB	SDC-110-12-PS	RDC-110-12-PS	51		14-1/2			
					PHENOLIC	SDC-110-112-PS8	RDC-110-112-PS8	52-2/5		15-1/2			
					SOFT POLY / CAST IRON HUB	SDC-110-12-PS8	RDC-110-12-PS8	51		14-1/2			

SHOCK ABSORBING

205L SERIES

Medium-Heavy Duty
Shock Absorbing



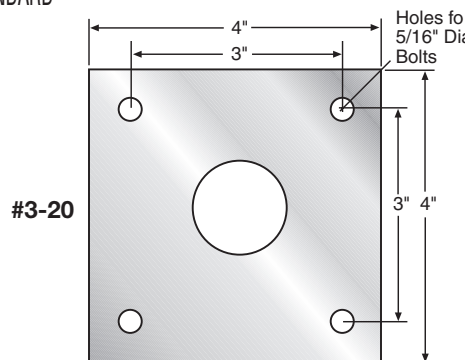
Load Capacity: 1,000 lbs.

Quality Features

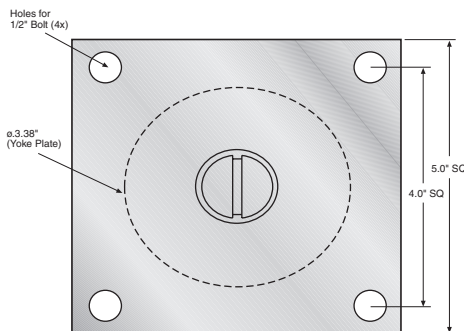
Ideal stabilizing caster for electric forklift trucks and pallet jacks. Danly springs located above the wheel provide excellent shock absorption within a narrow profile. Upper main load bearing and base plate are machined by CNC lathe to close tolerances and dimensions. Yoke legs and pivot arms are formed and continuously welded to yoke base for added strength and endurance. Upper raceway is permanently assembled with a neoprene grease seal. Metal grease cap over bottom raceway is press fit then secured with epoxy. Pressure fitting is provided for lubrication using conventional grease guns. Advanced Elastomer wheels with sealed precision bearings provide extremely low rolling resistance.

TOP PLATES

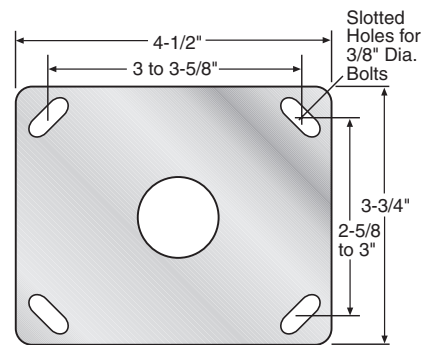
STANDARD



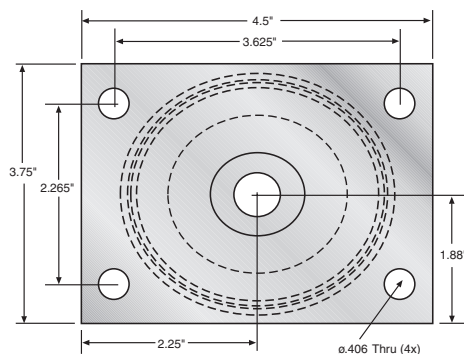
ALTERNATES



#3L



#24

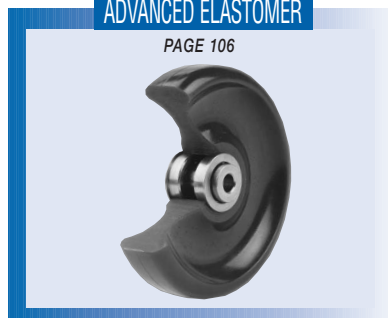


#3S

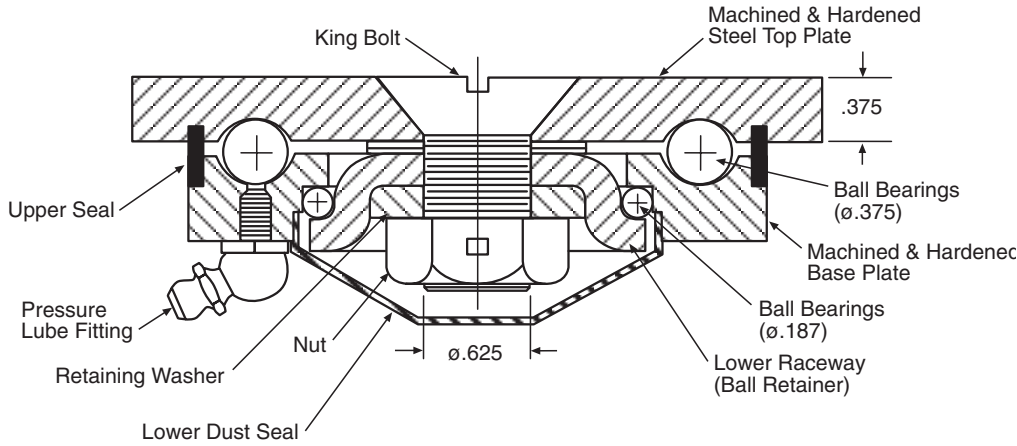
Wheel Selection

ADVANCED ELASTOMER

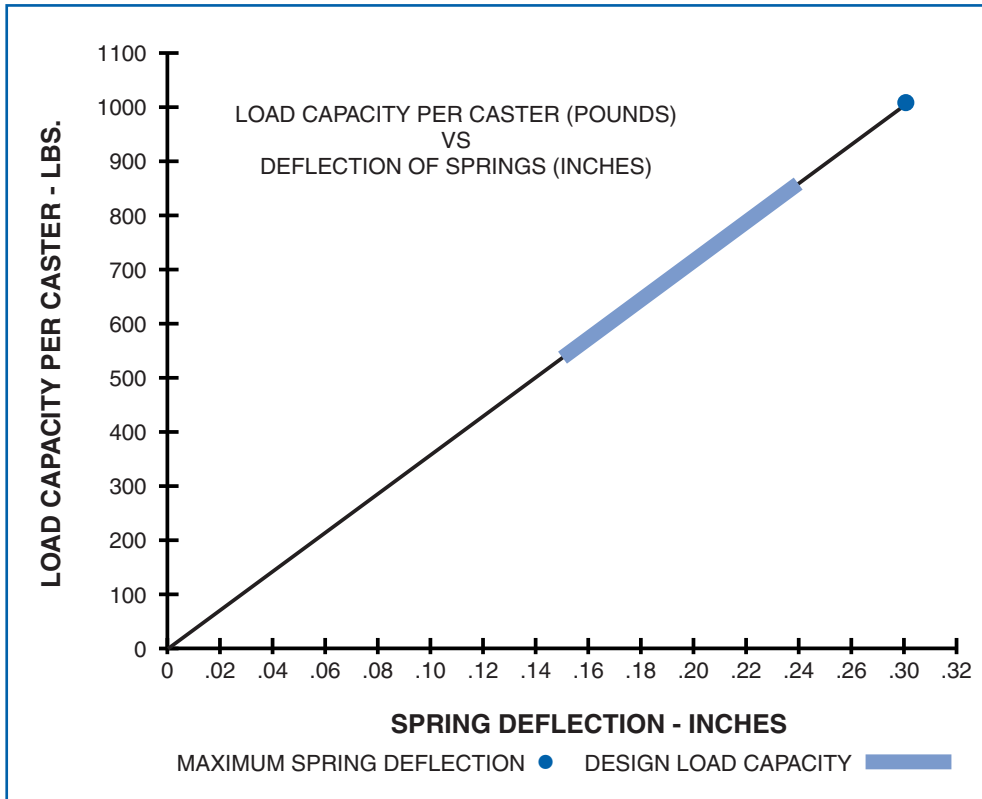
PAGE 106



DOUBLE BALL BEARING SWIVEL RACEWAY- 20SL SERIES



**Medium-Heavy
Duty Shock
Absorbing**



Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Approx. Weight	Overall Height
3	2	1000	ADVANCED ELASTOMER	SEALED PRECISION BALL	23-3-PXAE-SPL	8	7
4	2	1000	ADVANCED ELASTOMER	SEALED PRECISION BALL	24-3-PXAE-SPL	9-1/2	7-1/2
5	2	1000	ADVANCED ELASTOMER	SEALED PRECISION BALL	25-3-PXAE-SPL	11	9
6	2	1000	ADVANCED ELASTOMER	SEALED PRECISION BALL	26-3-PXAE-SPL	12-1/2	9-1/2
8	2	1000	ADVANCED ELASTOMER	SEALED PRECISION BALL	28-3-PXAE-SPL	14	11-1/2

SHOCK ABSORBING

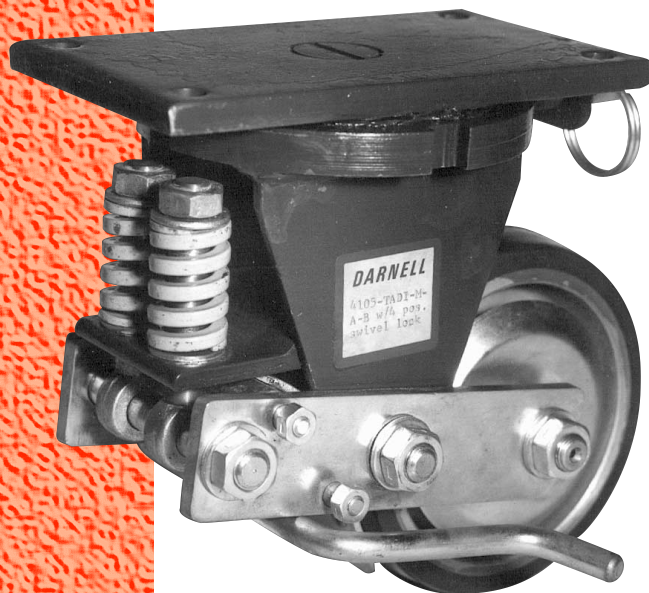
4100 SERIES

Medium-Heavy Duty
Shock Absorbing

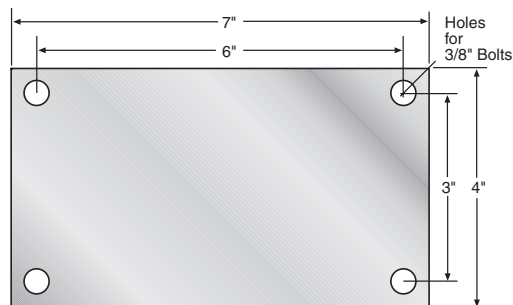
Load Capacity: 350 to 800 lbs.

Quality Features

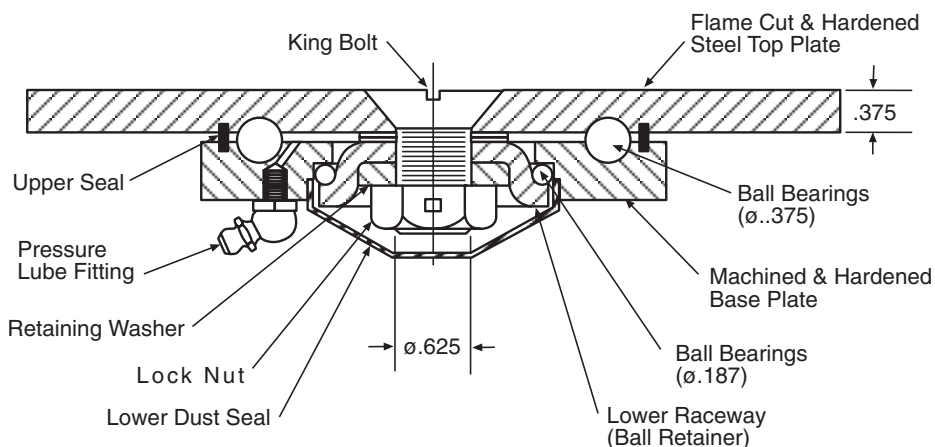
Designed to reduce noise and isolate medium heavy loads from shock as they are rolled over rough or irregular surfaces. Upper swivel raceway consists of 3/8" hardened steel top plate and base plate that is machined to close tolerances and dimensions. Yoke legs are continuously welded to yoke base for added strength and endurance. Upper raceway is permanently assembled with neoprene grease seal. Bottom raceway is covered with a metal grease seal cap that is press fit then secured with epoxy. Pressure fitting is provided for lubrication using conventional grease guns. Standard finish is Laguna Blue.



TOP PLATE



SWIVEL BEARING RACEWAY- 4100 SERIES



90

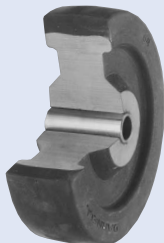


DARNELL-ROSE
division of Evans Industries, Inc.

Wheel Selection

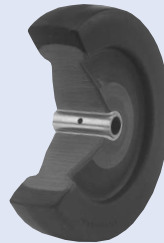
NEOPRENE RUBBER

PAGE 108



HI-CAP NEOPRENE

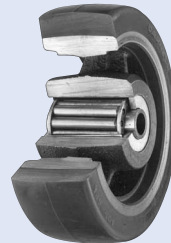
PAGE 110



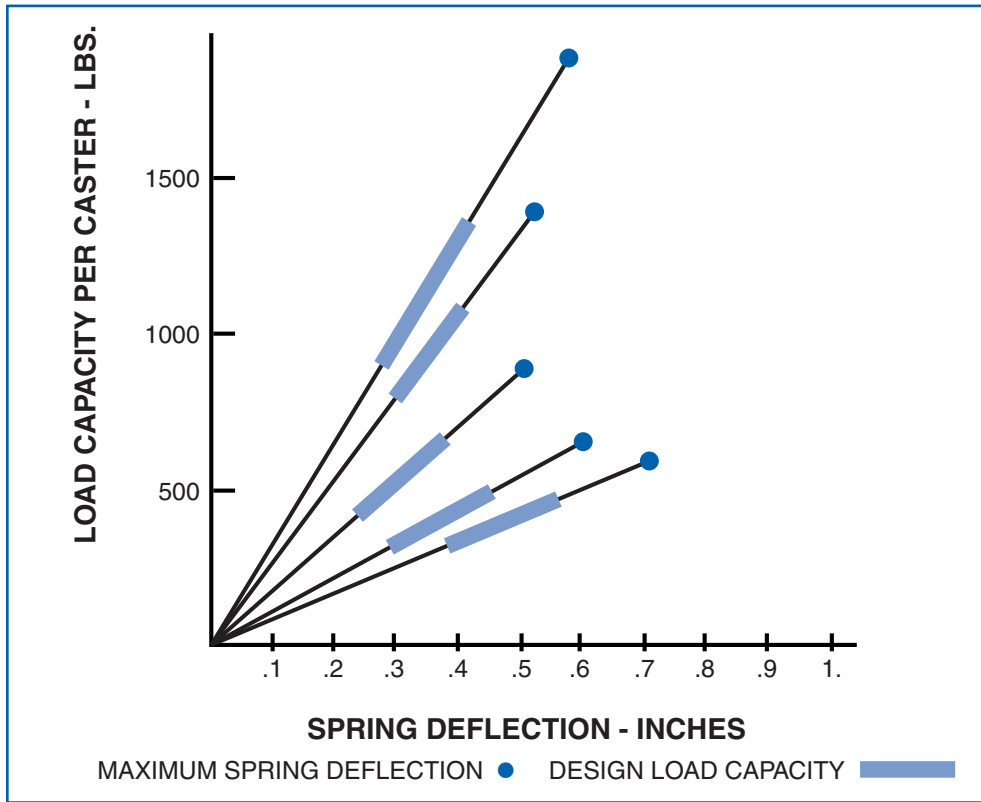
CAST IRON HUB

MOLD-ON POLYURETHANE

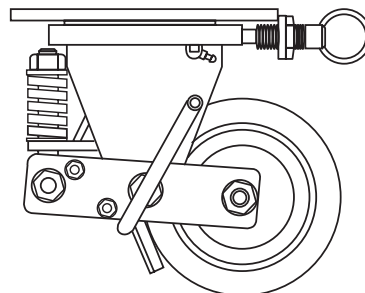
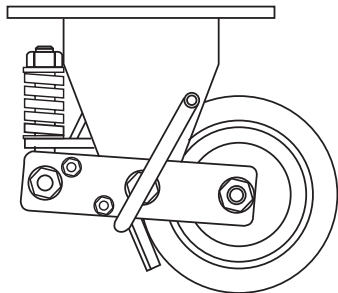
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Medium-Heavy Duty Shock Absorbing



BRAKES



Wheel Brake

Operates by a foot pedal lever that has a rubber brake pad to form a positive brake action when the brake lever is pressed down to engage. To restore back to the normal position, simply reverse the action to disengage the brake. Easy to operate and trouble free.

Four Position Swivel Lock and Wheel Brake

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
5	1 7/8	350	NEOPRENE RUBBER	ROLLER	4105-TDN	4105-TRDN	14-1/2	7-1/2	5-1/8
		440	HI-CAP NEOPRENE	ROLLER	4105-TKN	4105-TRKN			
		800	POLYURETHANE / CAST IRON HUB	ROLLER TAPERED ROLLER	4105-TADI-M-CI 4105-YADI-M-CI	4105-TRADI-M-CI 4105-YRADI-M-CI	14		
6	1 7/8	400	HI-CAP NEOPRENE NEOPRENE RUBBER	ROLLER	4106-TKN 4106-TDN	4106-TRKN 4106-TRDN	17-1/8	8	5-5/8
		800	POLYURETHANE / CAST IRON HUB	ROLLER TAPERED ROLLER	4106-TADI-M-CI 4106-YADI-M-CI	4106-TRADI-M-CI 4106-TRADI-M-CI			
		8	1 7/8	475	NEOPRENE RUBBER	ROLLER	4108-TDN	4108-TRDN	19
600	HI-CAP NEOPRENE			ROLLER	4108-TKN	4108-TRKN			
800	POLYURETHANE / CAST IRON HUB POLYURETHANE / CAST IRON HUB			ROLLER TAPERED ROLLER	4108-TADI-M-CI 4108-YADI-M-CI	4108-TRADI-M-CI 4108-YRADI-M-CI	17		

SHOCK ABSORBING

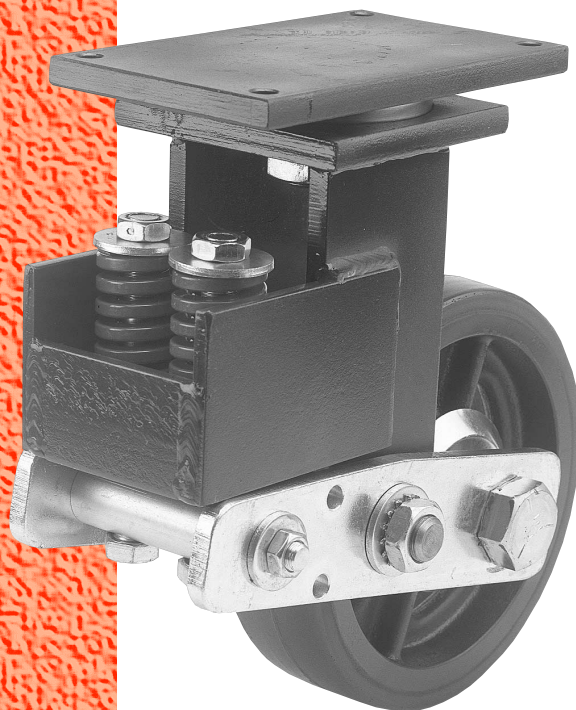
4400 SERIES

Heavy Duty
Shock Absorbing

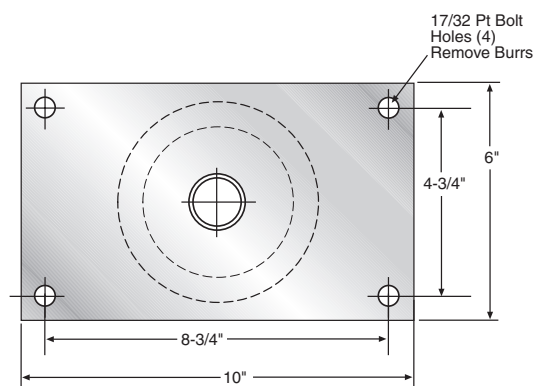
Load Capacity: 650 to 5,000 lbs.

Quality Features

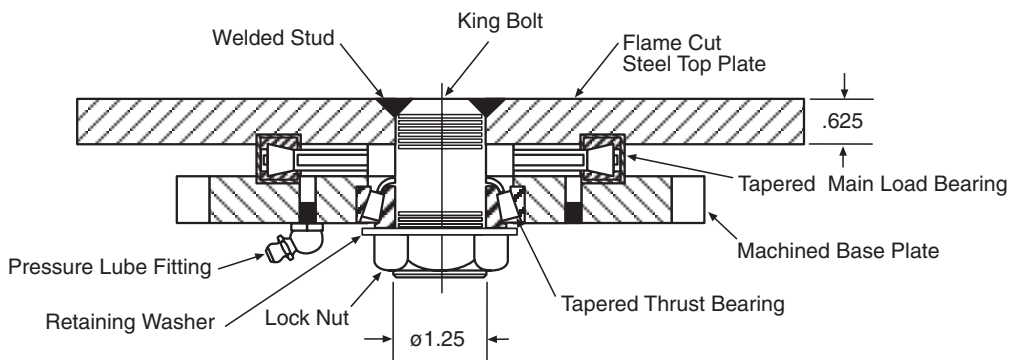
Engineered to absorb shock and reduce noise in heavy-duty applications. Features a precisely machined swivel raceway, 5/8" thick steel top plate, heavy-duty tapered swivel bearings for both upper main load bearing and lower thrust bearing, plus an extra-strong 1-1/4" welded stud and king bolt. Standard finish is Laguna Blue.



TOP PLATE



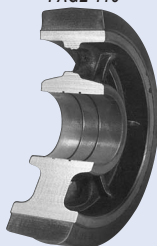
SWIVEL BEARING RACEWAY 4400 SERIES



Wheel Selection

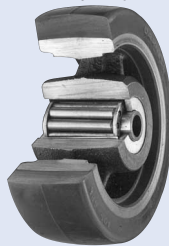
MOLD-ON NEOPRENE

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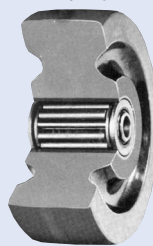
MOLD-ON POLYURETHANE

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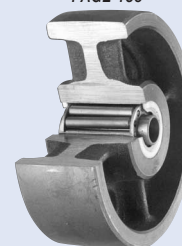
PHENOLIC

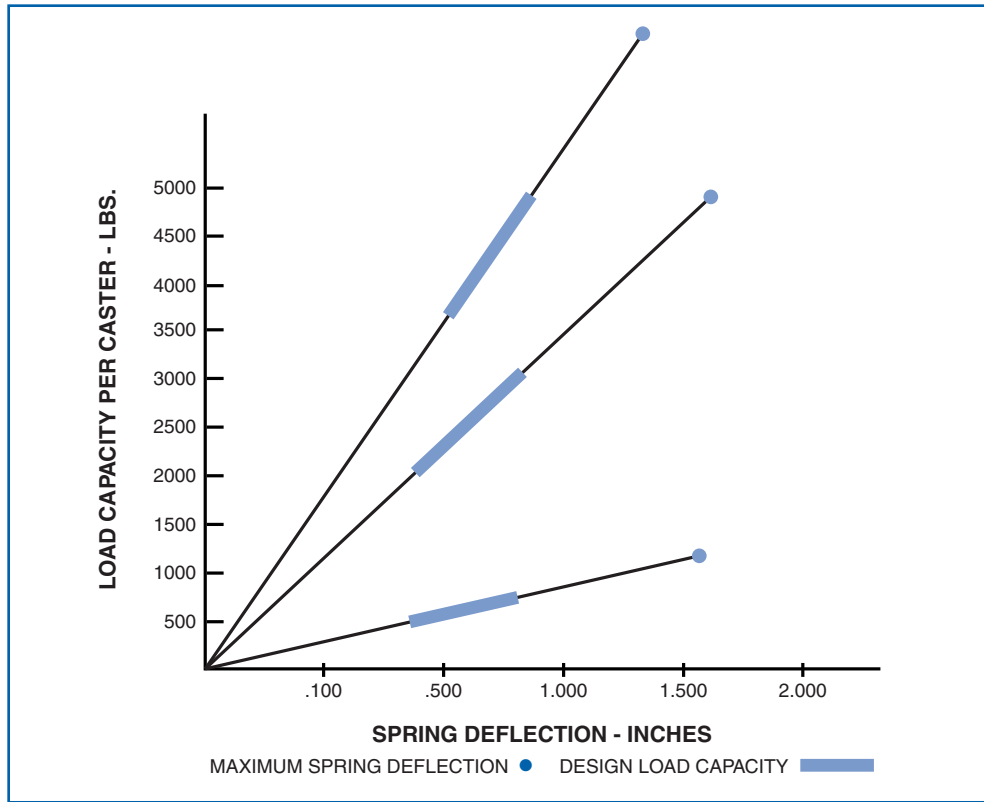
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CAST IRON

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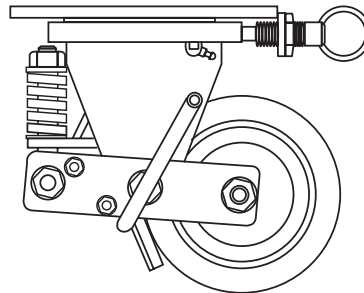
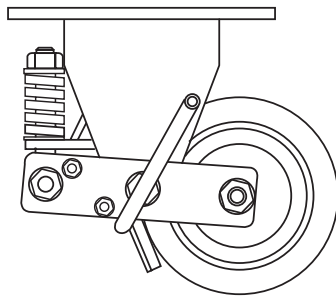




*Heavy Duty
Shock Absorbing*



BRAKES



Wheel Brake

Operates by a foot pedal lever that has a rubber brake pad to form a positive brake action when the brake lever is pressed down to engage. To restore back to the normal position, simply reverse the action to disengage the brake. Easy to operate and trouble free.

Four Position Swivel Lock and Wheel Brake

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
10	2 1/2	2500	PHENOLIC	TAPERED ROLLER	4410-YPR	4410-YRPR	52-1/2	15-1/2	8-3/4
		600	MOLD-ON NEOPRENE		4410-YDN-M-CI	4410-YRDN-M-CI			
	2 3/4	750	MOLD-ON HI-CAP NEOPRENE		4410-YKN-M-CI	4410-YRKN-M-CI			
		2000	POLYURETHANE / CAST IRON HUB		4410-YADI-M-CI	4410-YRADI-M-CI			
		5000	CAST IRON		4410-YCI	4410-YRCI			
		3	2900		PHENOLIC	4410-YPR-3	4410-YRPR-3		

SHOCK ABSORBING

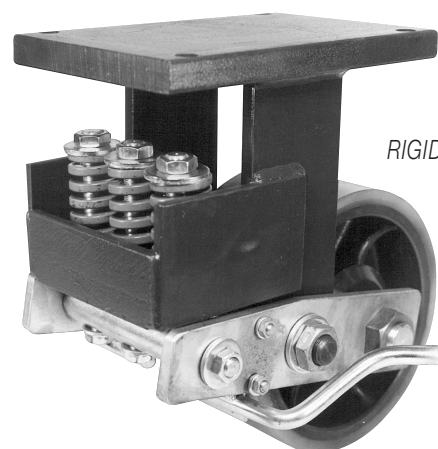
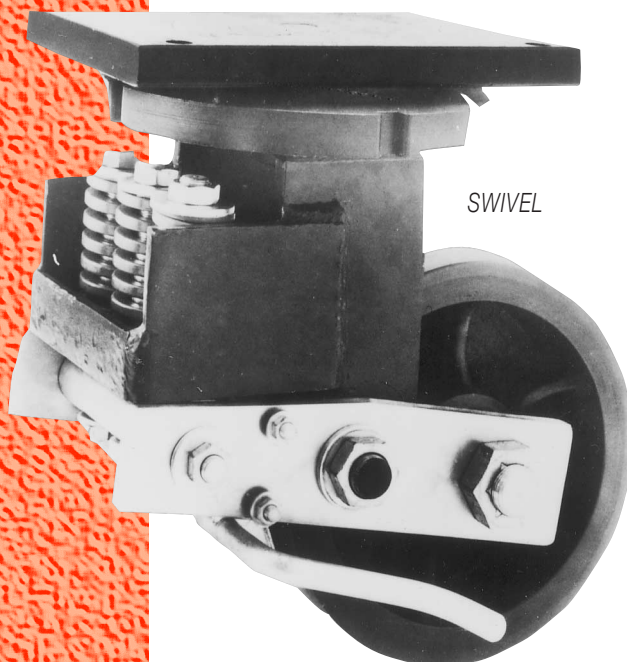
5100 SERIES

Extra-Heavy Duty
Shock Absorbing

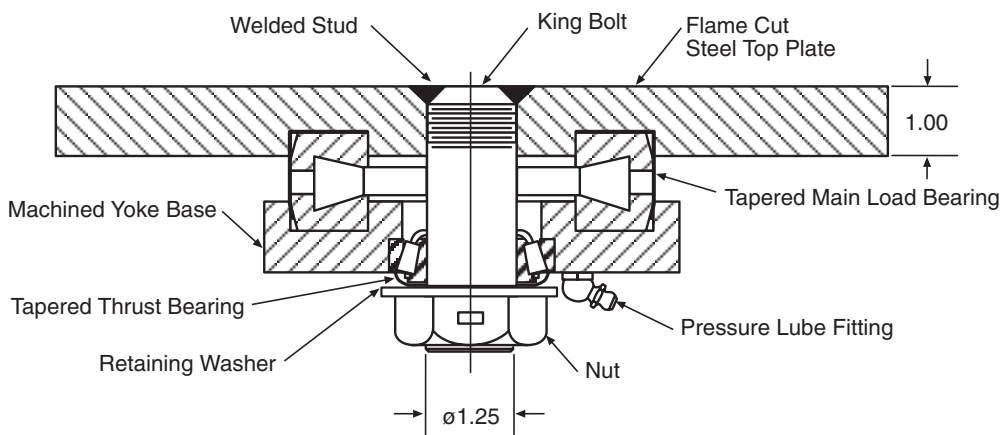
Load Capacity: 6,000 to 10,000 lbs.

Quality Features

Fabricated with a super heavy-duty three-spring system, this is our premium shock-absorbing caster for extremely heavy loads. Upper raceway top plate and base plate are flame cut from 1" thick steel and precisely machined by CNC lathe to very close tolerances and dimensions. Pressure fitting is supplied in base plate for lubrication. Both upper main load bearing and lower thrust bearing utilize heavy-duty tapered roller bearings for maximum mobility under heavy loads and to withstand lateral forces. Extra-large 1-1/4" king bolt is threaded and securely fastened at both ends to ensure a solid fit. The stud is welded to the top plate to prevent loosening, while the nut is tightened to exact specifications. Standard finish is Laguna Blue.



SWIVEL BEARING RACEWAY- 5100 SERIES

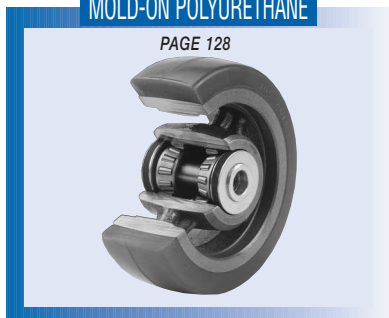


Wheel Selection

CAST IRON HUB

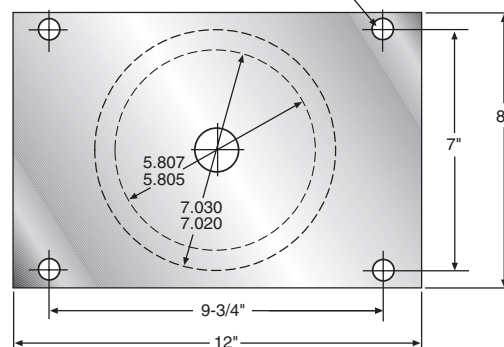
MOLD-ON POLYURETHANE

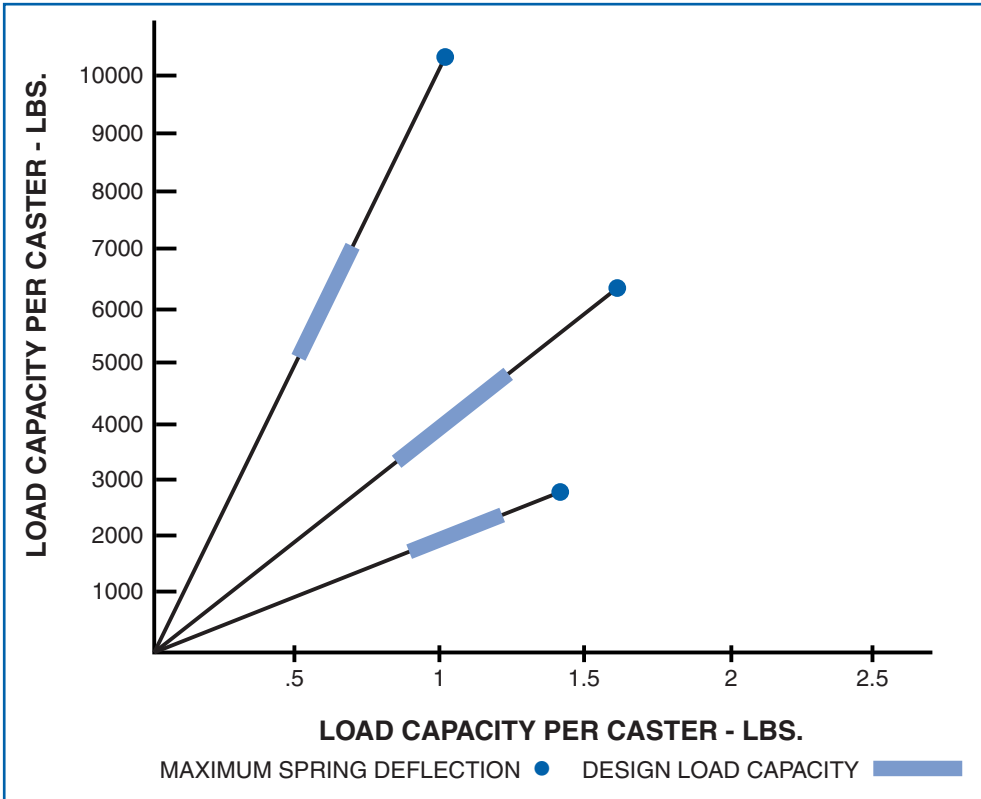
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TOP PLATE

21/32" Holes for 5/8" Bolts (4x)



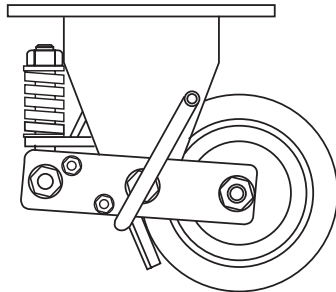


**Extra-Heavy
Duty Shock
Absorbing**

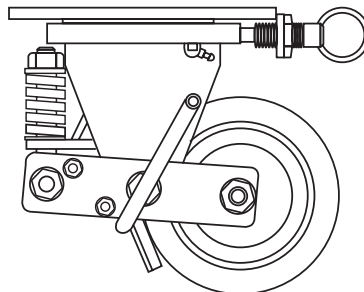


BRAKES

Wheel Brake (WB)



Four Position Swivel Lock & Wheel Brake (SL-WB)



Wheel Brake

Operates by a foot pedal lever that has a rubber brake pad to form a positive brake action when the brake lever is pressed down to engage. To restore back to the normal position, simply reverse the action to disengage the brake. Easy to operate and trouble free.

Four Position Swivel Lock and Wheel Brake

A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
10	5	6000	POLYURETHANE / CAST IRON HUB	TAPERED ROLLER	5110-YADI-M-CI-6	5110-YRADI-M-CI-6	127	15-3/4	8-3/4
		7000			5110-YADI-M-CI-7	5110-YRADI-M-CI-7			
		8000			5110-YADI-M-CI-8	5110-YRADI-M-CI-8			
		9000			5110-YADI-M-CI-9	5110-YRADI-M-CI-9			
		10,000			5110-YADI-M-CI-10	5110-YRADI-M-CI-10			

Load Capacity: 400 lbs.

60 SERIES

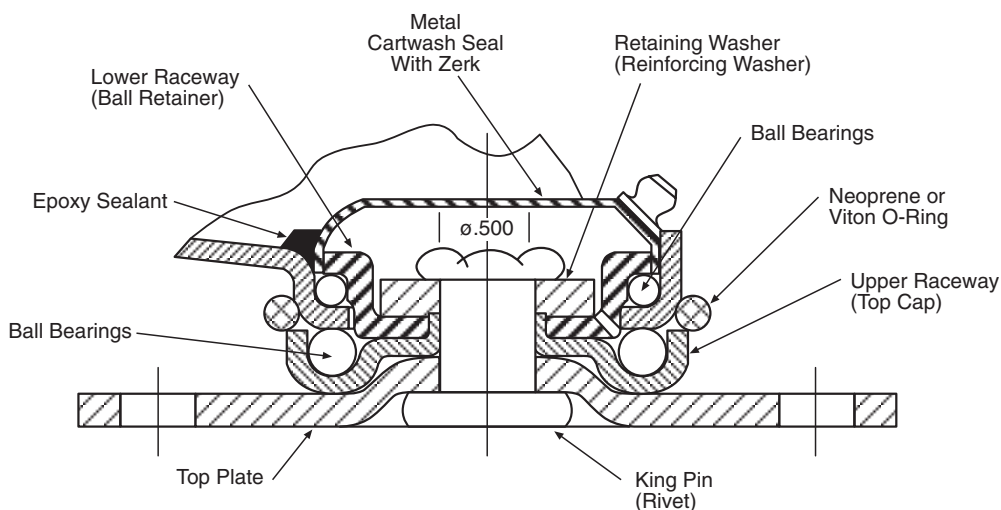
AIR CARGO



Quality Features

Designed for inverted use on Cargo Loaders and Dollies. Available in two sizes to meet all industry standards. Four-sided double ball raceway features hardened steel ball bearings in the main load bearing and secondary thrust bearings that touch the swivel raceway "on all four sides." This protects the central king pin from shock loading for free swiveling under heavy loads. Metal dust cap with lube fitting over bottom raceway is matched with a neoprene seal for the upper raceway to retain lubrication while minimizing contamination from water and other debris. Two-hole diamond pattern top plate allows for easy field replacements.

FOUR SIDED DOUBLE BALL BEARING RACEWAY AIR CARGO SERIES



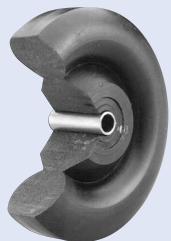
96



DARNELL-ROSE
division of Evans Industries, Inc.

HI-IMPACT POLYOLEFIN

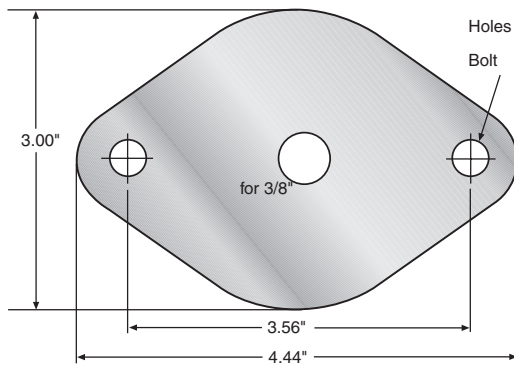
PAGE 136



Wheel Selection

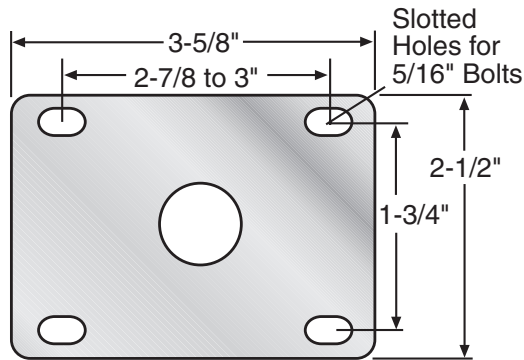
TOP PLATES

STANDARD

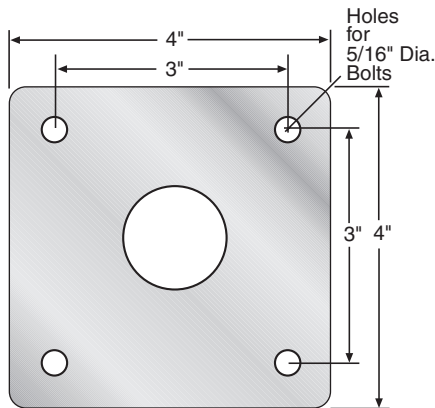


#21

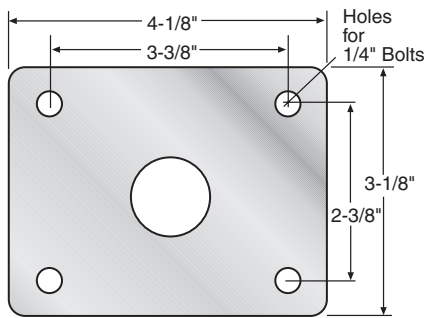
ALTERNATES



#20



#3



#6



AIR CARGO

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Approx. Weight	Overall Height	Swivel Radius
2½	1¾	400	POLYOLEFIN	BALL	62 1/2-21-XPO-CW	2-1/2	3-25/32	2-3/8
					63/62 1/2-21-XPO-CW	2	4-1/32	2-1/2
				ROLLER	62 1/2-21-TPO-CW	2-1/2	3-25/32	2-3/8
					63/62 1/2-21-TPO-CW	2	4-1/32	2-1/2
3	1¾	400	POLYOLEFIN	BALL	63-21-XPO-CW	2-1/2	4-5/16	2-3/4
				ROLLER	63-21-TPO-CW	2-1/2	4-5/16	2-3/4

Load Capacity: 200 to 900 lbs.

CARTWASH 2000

60 SERIES
80 SERIES

Quality Features

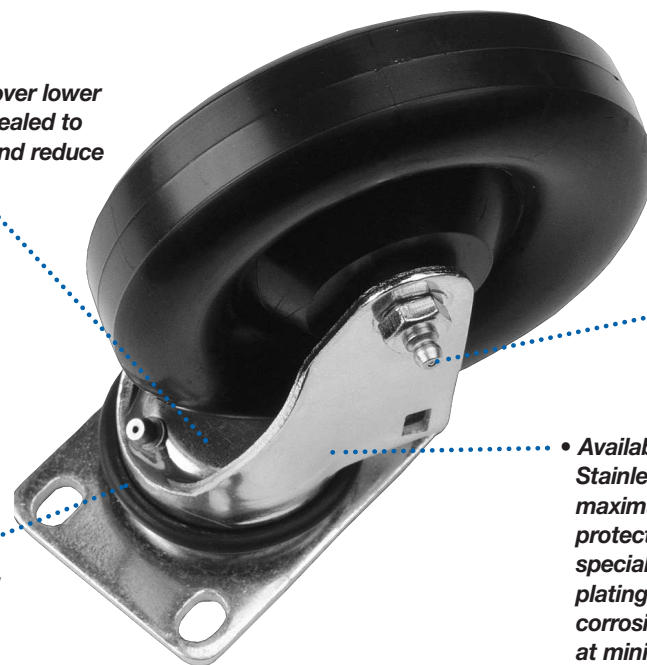
We've improved the original Darnell Cart Washable design to vastly reduce rusting under wet conditions. Used extensively in hospital laundries and food service areas, the CartWash 2000 reduces maintenance and provides extra life to both caster and equipment. Available in the 60 and 80 series to cover a wide range of sanitary applications found in hospitals, hotels, pharmaceutical labs, clean rooms, meat packing plants and food industries.

• Metal grease cap over lower raceway is epoxy sealed to retain lubrication and reduce contamination.

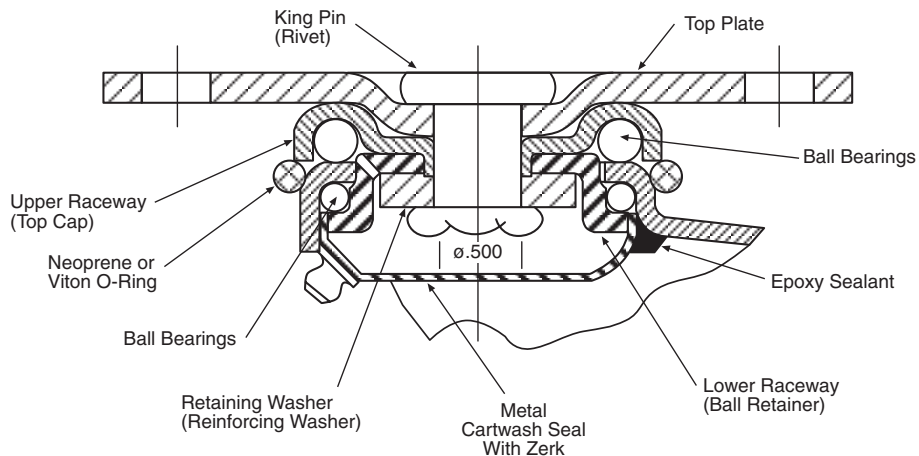
• Zerk fittings in wheel axle and lower grease seal cap.

• Neoprene "O" ring seals upper ball race. Optional O-ring available for high-temperatures.

• Available in Stainless Steel for maximum corrosion protection, or special Yellow Zinc plating for excellent corrosion resistance at minimal cost.



FOUR SIDED DOUBLE BALL BEARING RACEWAY – CARTWASH SERIES



98

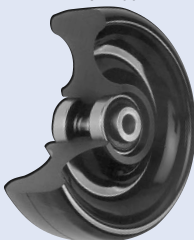


DARNELL-ROSE
division of Evans Industries, Inc.

Wheel Selection

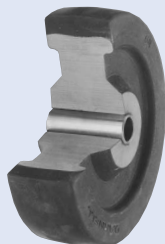
ADVANCED ELASTOMER

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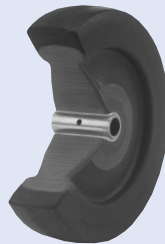
NEOPRENE RUBBER

PAGE 108



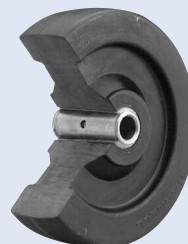
HI-CAP NEOPRENE

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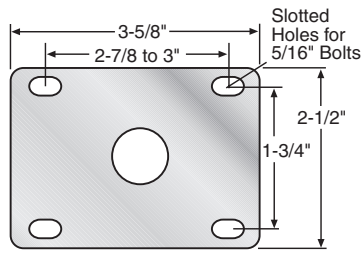
HARD RUBBER

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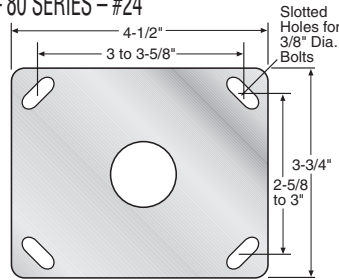


TOP PLATES

STANDARD - 60 SERIES - #20

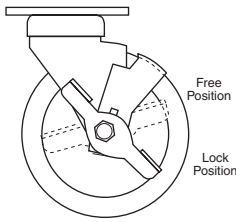


STANDARD - 80 SERIES - #24

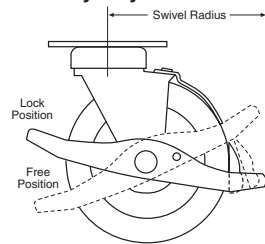


BRAKES (60 SERIES)

Radial Brake (RB)



Heavy Duty Wheel Brake (WB)



Radial Brake

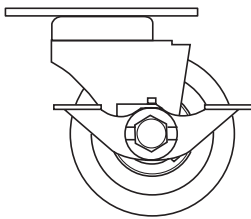
Exceptional brake for light and medium duty applications, either industrial or institutional. Side pedal engages tread lock to restrain wheel movement. Brake kit available for field installation. Available in 3", 3-1/2", 4", and 5". Not Available in 2-1/2" or 6".

Heavy Duty Wheel Brake

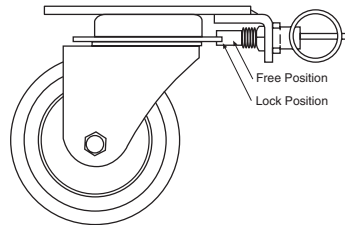
This wheel brake was especially designed for heavy equipment that must be made firmly immobile. The overall height of this caster with the brake applied or released remains the same, even when used with companion casters or a swivel or rigid. Available in 3", 3-1/2", 4", and 5". Not Available in 2-1/2".

BRAKES (80 SERIES)

Hub Brake (HB)



Four Position Swivel Lock (SL)



Hub Brake

Prevents wheel movement by engaging fork legs against wheel hub when foot pedal is applied in the locked position.

Four Position Swivel Lock

A horizontal four position swivel lock with a springloaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into a neutral position for free swiveling action.



CARTWASH 2000

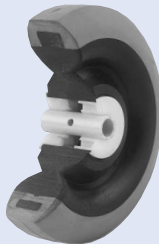
POLYOLEFIN

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THERMO PLASTIC RUBBER

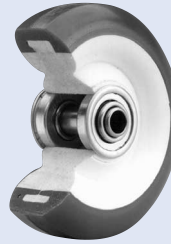
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POLYURETHANE HUB

POLYURETHANE

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HIGH-TEMPERATURE

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60 SERIES

80 SERIES

continued

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius			
3	1 1/4	200	NEOPRENE RUBBER	ACETAL	63-20-PDN-NCW	63-20-PRDN-NCW	2-1/2	4-5/16	2-3/4			
		250	HI-CAP NEOPRENE	ACETAL	63-20-PKN-NCW	63-20-PRKN-NCW						
	1 3/8	225	THERMO-PLASTIC RUBBER	DELTRIN	63-20-DPD-M-PO-NCW	63-20-DRPD-M-PO-NCW	3-1/4					
		240	POLYOLEFIN	PLAIN	63-20-BPO-NCW	63-20-BRPO-NCW	2-1/2					
		400	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	63-20-DADI-M-PO-NCW	63-20-DRADI-M-PO-NCW	3-1/4					
3 1/2	1 1/4	200	NEOPRENE RUBBER	ACETAL	63 1/2-20-PDN-NCW	63 1/2-20-PRDN-NCW	2-1/2	4-3/4	3			
		250	HI-CAP NEOPRENE	ACETAL	63 1/2-20-PKN-NCW	63 1/2-20-PRKN-NCW						
		400	HARD RUBBER	ACETAL	63 1/2-20-PH-NCW	63 1/2-20-PRH-NCW						
		ADVANCED ELASTOMER	DELTRIN	63 1/2-20-DAE-NCW	63 1/2-20-DRAE-NCW							
	1 3/8	240	THERMO-PLASTIC RUBBER	DELTRIN	63 1/2-20-DPD-M-PO-NCW	63 1/2-20-DRPD-M-PO-NCW						
		265	POLYOLEFIN	PLAIN	63 1/2-20-BPO-NCW	63 1/2-20-BRPO-NCW						
400		POLYURETHANE / POLYOLEFIN HUB	DELTRIN	63 1/2-20-DADI-M-PO-NCW	63 1/2-20-DRADI-M-PO-NCW							
4	1 1/4	200	NEOPRENE RUBBER	ACETAL	64-20-PDN-NCW	64-20-PRDN-NCW	2-3/4	5-1/4	3-1/4			
		250	HI-CAP NEOPRENE	ACETAL	64-20-PKN-NCW	64-20-PRKN-NCW						
		400	HARD RUBBER	ACETAL	64-20-PH-NCW	64-20-PRH-NCW						
			ADVANCED ELASTOMER	DELTRIN	64-20-DAE-NCW	64-20-DRAE-NCW						
	1 3/8	260	THERMO-PLASTIC RUBBER	DELTRIN	64-20-DPD-M-PO-NCW	64-20-DRPD-M-PO-NCW	3-3/4					
		375	POLYOLEFIN	PLAIN	64-20-BPO-NCW	64-20-BRPO-NCW	2-3/4					
		400	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	64-20-DADI-M-PO-NCW	64-20-DRADI-M-PO-NCW	3-3/4					
		1 7/8	350	NEOPRENE RUBBER	DELTRIN	84-24-DDN-CW	84-24-DRDN-CW			7-1/4		
	2	410	THERMO-PLASTIC RUBBER	DELTRIN	84-24-DPD-M-PO-CW	84-24-DRPD-M-PO-CW						
		700	POLYOLEFIN	PLAIN	84-24-BPO-CW	84-24-BRPO-CW						
900		POLYURETHANE / POLYOLEFIN HUB	DELTRIN	84-24-DADI-M-PO-CW	84-24-DRADI-M-PO-CW							
		ADVANCED ELASTOMER	DELTRIN	84-24-DAE-CW	84-24-DRAE-CW							
5	1 1/4	200	NEOPRENE RUBBER	ACETAL	65-20-PDN-NCW	65-20-PRDN-NCW	3-1/4	6-1/4	4-3/4			
		250	HI-CAP NEOPRENE	ACETAL	65-20-PKN-NCW	65-20-PRKN-NCW						
		400	HARD RUBBER	ACETAL	65-20-PH-NCW	65-20-PRH-NCW						
			ADVANCED ELASTOMER	DELTRIN	65-20-DAE-NCW	65-20-DRAE-NCW						
	1 3/8	275	THERMO-PLASTIC RUBBER	DELTRIN	65-20-DPD-M-PO-NCW	65-20-DRPD-M-PO-NCW	3-3/4					
		400	POLYOLEFIN	PLAIN	65-20-BPO-NCW	65-20-BRPO-NCW	3-1/4					
			POLYURETHANE / POLYOLEFIN HUB	DELTRIN	65-20-DADI-M-PO-NCW	65-20-DRADI-M-PO-NCW	3-3/4					
	1 7/8	350	NEOPRENE RUBBER	DELTRIN	85-24-DDN-CW	85-24-DRDN-CW	7-1/2			6-5/8	4-1/8	
		2	440	THERMO-PLASTIC RUBBER	DELTRIN	85-24-DPD-M-PO-CW						85-24-DRPD-M-PO-CW
			800	POLYOLEFIN	PLAIN	85-24-BPO-CW						85-24-BRPO-CW
900			POLYURETHANE / POLYOLEFIN HUB	DELTRIN	85-24-DADI-M-PO-CW	85-24-DRADI-M-PO-CW						
		ADVANCED ELASTOMER	DELTRIN	85-24-DAE-CW	85-24-DRAE-CW							
6	1 7/8	400	NEOPRENE RUBBER	DELTRIN	86-24-DDN-CW	86-24-DRDN-CW	8	7-1/2	4-5/8			
		440	THERMO-PLASTIC RUBBER	DELTRIN	86-24-DPD-M-PO-CW	86-24-DRPD-M-PO-CW						
	2	850	POLYOLEFIN	PLAIN	86-24-BPO-CW	86-24-BRPO-CW						
		900	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	86-24-DADI-M-PO-CW	86-24-DRADI-M-PO-CW						
		ADVANCED ELASTOMER	DELTRIN	86-24-DAE-CW	86-24-DRAE-CW							
8	1 7/8	410	NEOPRENE RUBBER	DELTRIN	88-24-DDN-CW	88-24-DRDN-CW	10	9-3/4	5-3/4			
		410	THERMO-PLASTIC RUBBER	DELTRIN	88-24-DPD-M-PO-CW	88-24-DRPD-M-PO-CW						
	2		POLYOLEFIN	PLAIN	88-24-BPO-CW	88-24-BRPO-CW						
		900	POLYURETHANE / POLYOLEFIN HUB	DELTRIN	88-24-DADI-M-PO-CW	88-24-DRADI-M-PO-CW						
			ADVANCED ELASTOMER	DELTRIN	88-24-DAE-CW	88-24-DRAE-CW						

Stainless Steel

CartWash 2000: 60 Series

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius		
3	1 1/4	200	NEOPRENE RUBBER	ACETAL	63-20-PDN-SS-NCW	63-20-PRDN-SS-NCW	2-1/2	4-5/16	2-3/4		
		250	HI-CAP NEOPRENE	ACETAL	63-20-PKN-SS-NCW	63-20-PRKN-SS-NCW					
		400	HARD RUBBER	ACETAL	63-20-PH-SS-NCW	63-20-PRH-SS-NCW					
			ADVANCED ELASTOMER	DELIRIN	63-20-DAE-SS-NCW	63-20-DRAE-SS-NCW					
			HARD RUBBER	ACETAL	63-20-PH-SS-NCW	63-20-PRH-SS-NCW					
	1 3/8	225	THERMO-PLASTIC RUBBER	DELIRIN	63-20-DPD-M-PO-SS-NCW	63-20-DRPD-M-PO-SS-NCW	3-1/4				
		240	POLYOLEFIN	PLAIN	63-20-BPO-SS-NCW	63-20-BRPO-SS-NCW	2-1/2				
		400	POLYURETHANE / POLYOLEFIN HUB	DELIRIN	63-20-DADI-M-PO-SS-NCW	63-20-DRADI-M-PO-SS-NCW	3-1/4				
		3 1/2	1 1/4	200	NEOPRENE RUBBER	ACETAL	63 1/2-20-PDN-SS-NCW	63 1/2-20-PRDN-SS-NCW	2-1/2	4-3/4	3
				250	HI-CAP NEOPRENE	ACETAL	63 1/2-20-PKN-SS-NCW	63 1/2-20-PRKN-SS-NCW			
400	HARD RUBBER	ACETAL		63 1/2-20-PH-SS-NCW	63 1/2-20-PRH-SS-NCW						
4	1 1/4	250	HI-CAP NEOPRENE	ACETAL	64-20-PKN-SS-NCW	64-20-PRKN-SS-NCW	2-3/4	5-1/4	3-1/4		
		400	HARD RUBBER	ACETAL	64-20-PH-SS-NCW	64-20-PRH-SS-NCW					
		400	ADVANCED ELASTOMER	DELIRIN	64-20-DAE-SS-NCW	64-20-DRAE-SS-NCW					
	1 3/8	260	THERMO-PLASTIC RUBBER	DELIRIN	64-20-DPD-M-PO-SS-NCW	64-20-DRPD-M-PO-SS-NCW	3-3/4				
		375	POLYOLEFIN	PLAIN	64-20-BPO-SS-NCW	64-20-BRPO-SS-NCW	2-3/4				
		400	POLYURETHANE / POLYOLEFIN HUB	DELIRIN	64-20-DADI-M-PO-SS-NCW	64-20-DRADI-M-PO-SS-NCW	3-3/4				
5	1 1/4	200	NEOPRENE RUBBER	ACETAL	65-20-PDN-SS-NCW	65-20-PRDN-SS-NCW	3-1/4	6-1/4	4-3/4		
		250	HI-CAP NEOPRENE	ACETAL	65-20-PKN-SS-NCW	65-20-PRKN-SS-NCW					
		400	HARD RUBBER	ACETAL	65-20-PH-SS-NCW	65-20-PRH-SS-NCW					
		400	ADVANCED ELASTOMER	DELIRIN	65-20-DAE-SS-NCW	65-20-DRAE-SS-NCW					
	1 3/8	275	THERMO-PLASTIC RUBBER	DELIRIN	65-20-DPD-M-PO-SS-NCW	65-20-DRPD-M-PO-SS-NCW	3-3/4				
		400	POLYOLEFIN	PLAIN	65-20-BPO-SS-NCW	65-20-BRPO-SS-NCW	3-1/4				
		400	POLYURETHANE / POLYOLEFIN HUB	DELIRIN	65-20-DADI-M-PO-SS-NCW	65-20-DRADI-M-PO-SS-NCW	3-3/4				

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Inflight
Food Service
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**WORLDWIDE
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LABORATORY



INDUSTRY MANUFACTURERS COUNCIL



nafem



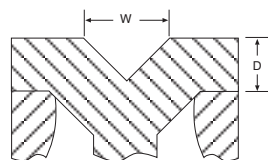
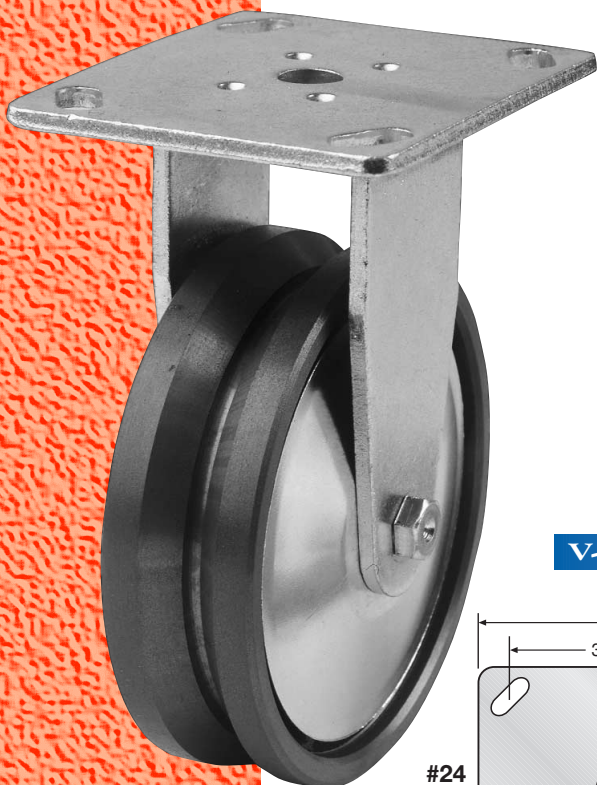
TRACK WHEEL

V-GROOVE

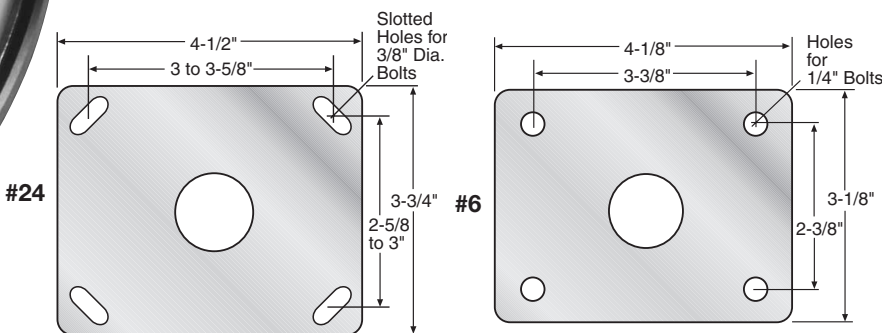
Load Capacity: 600 to 5,000 lbs.

Quality Features

V-Groove wheels are precision machined to provide smooth, "jolt-free" service on inverted angle or round bar-stock track. Selections include both swivel and rigid models in a wide choice of sizes and load capacities. These casters offer one of the least expensive ways to automate materials handling operations by providing an instant systems approach to assembly or transfer processes in any size facility.

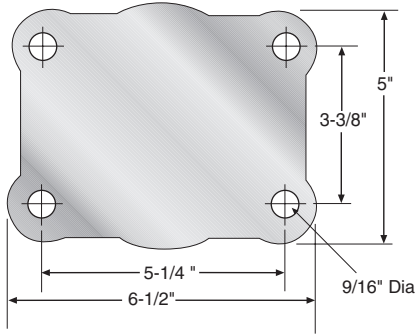


V-GROOVE TOP PLATES

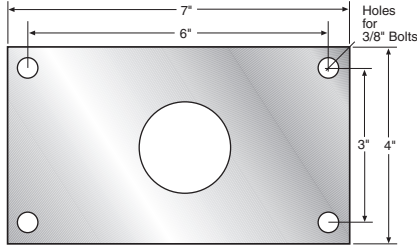


Diameter	Tread Width	Load Capacity	Bearing	Width	Depth	Swivel Part Number	Rigid Part Number	Top Plate	Approx. Weight	Overall Height	Swivel Radius
4	1 1/2	600	ROLLER	3/4	3/8	74-24-TCI-V	74-24-TRCI-V	24	6	5-7/16	3-3/8
	2	900	ROLLER	7/8	7/16	A-104-TCI-V	A-104-TRCI-V	24	7	5-5/8	3-9/16
		1200	ROLLER	7/8	7/16	SC-642-VCI	RC-642-VCI*	R600	15	6-7/8	3-3/4
5	1 1/2	600	ROLLER	3/4	3/8	75-24-TCI-V	75-24-TRCI-V	24	6-1/2	6-7/16	3-7/8
	2	1000	ROLLER	7/8	7/16	85-24-TCI-V	85-24-TRCI-V	24	10-1/2	6-5/8	4-1/8
5 3/4	2 1/2	2500	ROLLER	1	1/2	SC-662-VCI	RC-662-VCI*	R600	19	7-3/4	4-5/8
						SC-862-VCI	N/A	R800	27	8-3/4	
6	1 15/16	1000	TAPERED ROLLER	1	1/2	86-24-YCI-V	86-24-YRCI-V	24	10-1/2	7-5/8	4-5/8
			ROLLER	7/8	7/16	4L6-TCI-V	4L6-TRCI-V	6	28		5-1/2
	2 1/2	1400	ROLLER	7/8	7/16	606-6-TCI-V	606-6-TRCI-V	6	14	8-1/8	4-3/4
			TAPERED ROLLER	1	1/2	4L6-YCI-V	4L6-YRCI-V	4L	28	7-5/8	5-1/2
			ROLLER	1	1/2	606-6-YCI-V	606-6-YRCI-V	4L	14	8-1/8	4-3/4
2800	ROLLER	1	1/2	SC-669-VCI	RC-669-VCI°	R600	21	7-7/8			
8	2 1/2	2000	ROLLER	1	1/2	4L8-TCI-V	5-4L8-TRCI-V	4L	19	9-1/4	6-3/8
			ROLLER	1	1/2	608-6-TCI-V	608-6-TRCI-V	4L	20	10-3/16	5-7/8
			TAPERED ROLLER	1	1/2	4L8-YCI-V	5-4L8-YRCI-V	6	19	9-1/4	6-3/8
	3	4000	TAPERED ROLLER	1	1/2	608-6-YCI-V	608-6-YRCI-V	6	20	10-3/16	5-7/8
10	3	5000	TAPERED ROLLER	1	1/2	SC-883-VCI	RC-883-VCI†	R800	48	10-3/4	6-1/4
			TAPERED ROLLER	1	1/2	N/A	RC-8130-VCI†	R800	-	10-3/4	-
						SC-8132-VCI	RC-8132-VCI†	R800	58	12-3/4	7-1/2

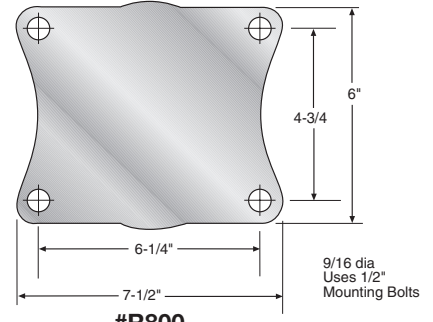
V-GROOVE TOP PLATES (CONTINUED)



#R600



#4L



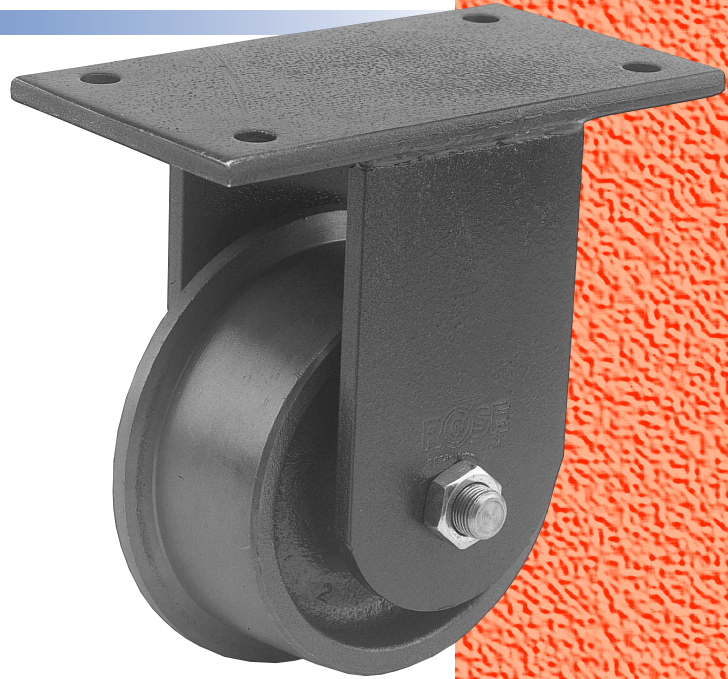
#R800

FLANGED

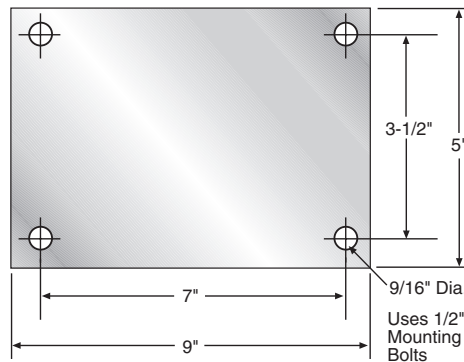
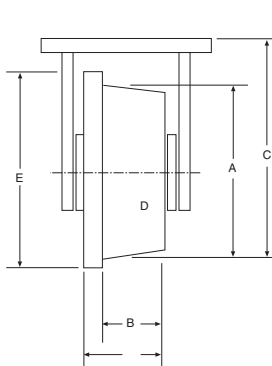
Load Capacity: 600 to 5,000 lbs.

Quality Features

Flanged track wheel casters can help protect floors, streamline production, control work in process, or transfer products from station to station. They are furnished in sturdy rigid housings for quick, easy installation. Flat tread wheels are ideal for steel channel, I-beam, or bar stock tracks, while tapered tread wheels work well on 50 lb. A.S.C.E. railroad rail.



FLANGED TOP PLATE



Diameter "A"	Flange Width "B"	Type	Part Number	Load Cap. (lbs.)	Height to Flange "C"	Width "D" (Inclg. Flange)	Flange Dia. "E"	Height (Inclg. Flange)	Approx. Weight
5 ³ / ₄	2 ¹ / ₈	Flat Tread	RC-752-FT	2200	8 5/8	2 5/8	7	9 1/4	23
6	2 ¹ / ₈	Tapered Tread	RC-762-FT	2200	8 3/4	2 5/8	7	9 1/4	23

PNEUMATIC

PNEUMATIC

Load Capacity: 150 to 295 lbs.

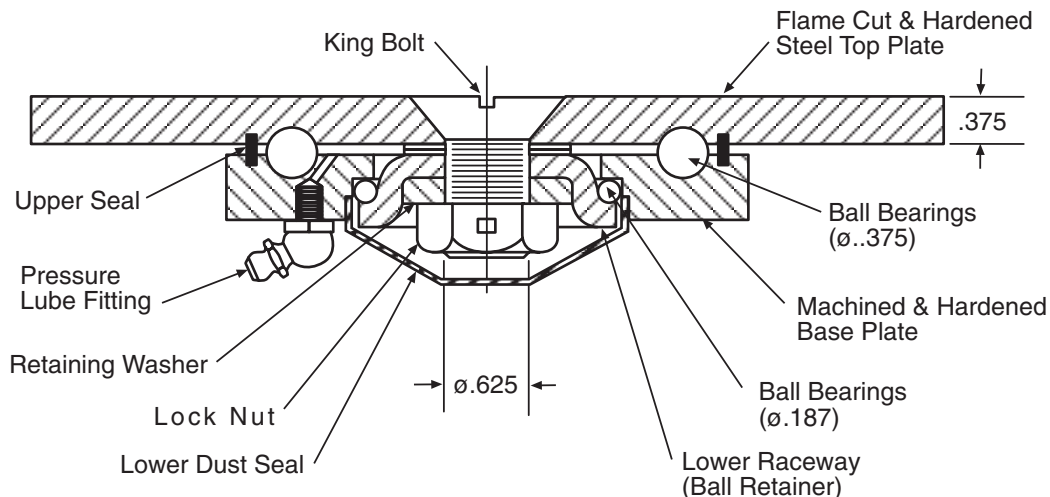
Heavy Duty

Quality Features

Positively the best caster for moving loads and equipment over rough terrain and rugged conditions. Premium rubber tires are extra-wide, 4-ply saw tooth pattern designed to provide positive traction while protecting equipment and cargo. Wheels are made of two-piece cast aluminum core with sealed precision ball bearings for a smooth, quiet ride. Machined swivel raceway consists of 3/8" hardened steel top plate and base plate. Fork legs are continuously welded to yoke base for added strength and endurance. All moving parts are heat treated to extend caster life and increase performance. Upper raceway is permanently assembled with a neoprene grease seal. Bottom raceway is covered with a metal grease seal cap that is press fit then secured with Epoxy. Pressure fitting is provided for lubrication using conventional grease guns.

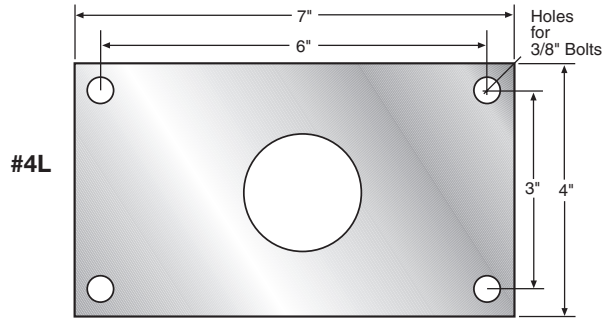


**DOUBLE BALL BEARING SWIVEL RACEWAY
PNEUMATIC SERIES**

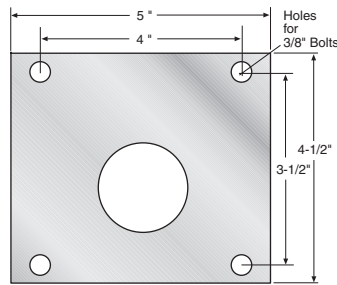
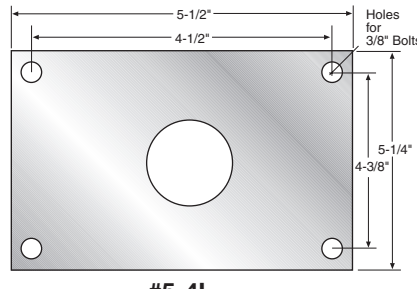
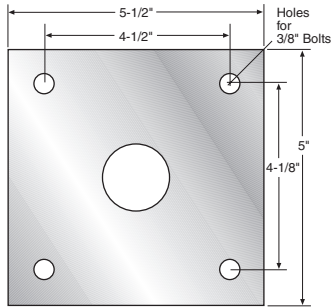


TOP PLATE

STANDARD



ALTERNATES



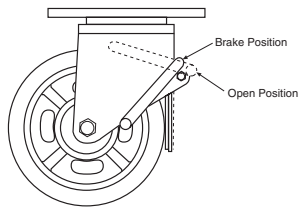
#15

*Heavy Duty
Pneumatic*

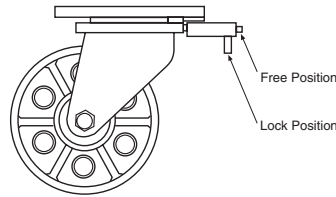


BRAKES

Heavy Duty Wheel Brake (HDWB)



Four Position Swivel Lock (SL)



Heavy Duty Wheel Brake

This wheel brake was especially designed for heavy equipment that must be made firmly immobile. The overall height of this caster with the brake applied or released remains the same, even when used with companion casters or a swivel or rigid.

Four Position Swivel Lock

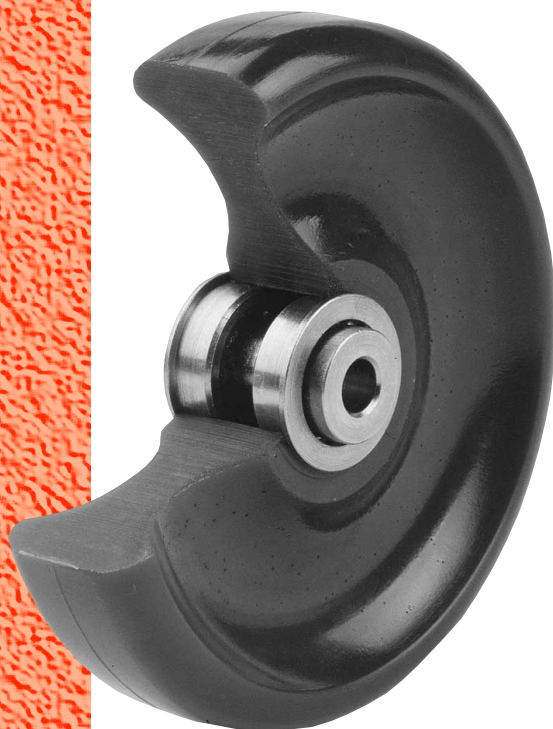
A horizontal four position swivel lock with a spring-loaded plunger to securely hold the swivel in the slotted position desired. Plunger can be put into neutral position for free swiveling action.

Diameter	Tread Width	Load Capacity	Wheel Material	Bearing	Swivel Part Number	Rigid Part Number	Approx. Weight	Overall Height	Swivel Radius
8	2 ³ / ₄	295	PNEUMATIC	BALL	4LA-8-XP	4LA-8-XRP	12-1/4	10	6-3/8
10	3 ¹ / ₂	295	PNEUMATIC	BALL	4LA-10-XP	4LA-10-XRP	18-1/2	11-13/16	7-3/8

WHEELS

ADVANCED ELASTOMER

Load Capacity: 400 to 1,500 lbs.



Quality Features

- Excellent grease, oil, and chemical resistance.
- Very low rolling resistance.
- High impact strength.
- Will not crack or become brittle or sticky.
- Non-staining.

Custom compounded urethane elastomer offers the highest abrasion resistance, maximum impact strength, and lowest possible rolling resistance. Withstands nearly all chemicals, greases, oils, solvents and other compounds. Completely solid elastomer means there is absolutely no chance of wheel tread separation caused by bond failure of tread and core.



Available in Static Dissipative compound (between 10^5 - 10^{10} Ohms surface resistance) for good protection against electrostatic discharge (ESD).

TEMPERATURE RANGE:
-50 to +212°F

HARDNESS DUROMETER:
65 Shore D

COLOR:
Non-marking gray.

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DARNELL-ROSE
division of J. J. Evans Industries, Inc.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■			■	■	■	■

Bearing Selection

DELRIN



MACHINED BALL



SEALED PRECISION



CAGED ROLLER

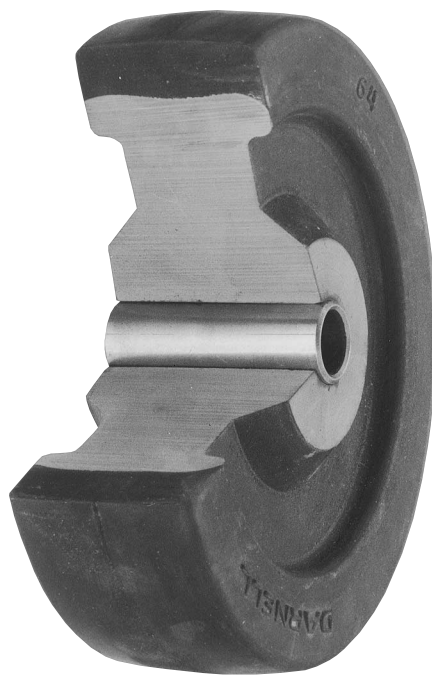


Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
2	7/8	63/64	BALL	3/8	29/32	200	W-32-XAE	30
2 1/2	1 1/4	1 1/2	BALL	3/8	1-1/8	300	W-62-1/2-XAE	60
3	1 1/4	1 1/6	BALL	3/8	1-1/8	400	W-63-XAE	60, 60SS
			DELTRIN	3/8	1-1/8	400	W-63-DAE	
	2	2 3/6	BALL	1/2	1-3/16	900	W-83-XAE	80
			DELTRIN	1/2	1-3/16	900	W-83-DAE	
			PRECISION BALL	1/2	1-5/8	900	W-83-PXAE	
ROLLER	1/2	1-3/16	900	W-83-TAE				
3 1/2	1 1/4	1 1/6	BALL	3/8		400	W-63 1/2-XAE	60, 60SS
			DELTRIN	3/8		400	W-63 1/2-DAE	
4	1 1/4	1 1/6	BALL	3/8	1-3/16	400	W-64-XAE	60, 60SS
			DELTRIN	3/8	1-3/16	400	W-64-DAE	
	1 3/8	1 3/4	PRECISION BALL	3/8 - 1/2	1-5/8	600	W-74-PXAE	70
			ROLLER	3/8 - 1/2	1-3/16	600	W-74-TAE	
	2	2 3/6	BALL	1/2	1-3/16	1000	W-104-XAE	A100, A100SS
				1/2	1-3/16	1000	W-24-XAE	20
				1/2	1-3/16	1000	W-84-XAE	80
			DELTRIN	1/2	1-3/16	1000	W-104-DAE	A100, A100SS
				1/2	1-3/16	1000	W-24-DAE	20
				1/2	1-3/16	1000	W-84-DAE	80
			PRECISION BALL	1/2	1-5/8	1000	W-104-PXAE	A100, A100SS
				1/2	1-5/8	1000	W-24-PXAE	20
				1/2	1-5/8	1000	W-84-PXAE	80
	ROLLER	1/2	1-3/16	1000	W-104-TAE	A100, A100SS		
		1/2	1-3/16	1000	W-24-TAE	20		
1/2		1-3/16	1000	W-84-TAE	80			
5	1 1/4	1 1/6	BALL	3/8		400	W-65-XAE	60, 60SS
			DELTRIN	3/8		400	W-65-DAE	
	1 3/8	1 3/4	PRECISION BALL	3/8 - 1/2		700	W-75-PXAE	70
			ROLLER	3/8 - 1/2		700	W-75-TAE	
	2	2 3/6	BALL	1/2		1000	W-105-XAE	A100, A100SS
				1/2		1000	W-25-XAE	20
				1/2		1000	W-85-XAE	80
			DELTRIN	1/2		1000	W-105-DAE	A100, A100SS
				1/2		1000	W-25-DAE	20
				1/2		1000	W-85-DAE	80
			PRECISION BALL	1/2		1000	W-105-PXAE	A100, A100SS
				1/2		1000	W-25-PXAE	20
				1/2		1000	W-85-PXAE	80
	ROLLER	1/2		1000	W-105-TAE	A100, A100SS		
		1/2		1000	W-25-TAE	20		
1/2			1000	W-85-TAE	80			
6	1 3/8	1 3/4	PRECISION BALL	3/8 - 1/2	1-5/8	750	W-76-PXAE	70
			ROLLER	3/8 - 1/2	1-3/16	750	W-76-TAE	
	2	2 3/6	BALL	1/2	1-3/16	1100	W-106-XAE	A100, A100SS
				1/2	1-3/16	1100	W-26-XAE	20
				1/2	1-3/16	1100	W-86-XAE	80
			DELTRIN	1/2	1-3/16	1100	W-106-DAE	A100, A100SS
				1/2	1-3/16	1100	W-26-DAE	20
				1/2	1-3/16	1100	W-86-DAE	80
			PRECISION BALL	1/2	1-5/8	1100	W-106-PXAE	A100, A100SS
				1/2	1-5/8	1100	W-26-PXAE	20
				1/2	1-5/8	1100	W-86-PXAE	80
	ROLLER	1/2	1-3/16	1100	W-106-TAE	A100, A100SS		
		1/2	1-3/16	1100	W-26-TAE	20		
		1/2	1-3/16	1100	W-86-TAE	80		
	2 1/2	2 3/4	PRECISION BALL	3/4	2-7/16	1500	W-606-PXAE	--
8	2	2 3/6	BALL	1/2		1200	W-108-XAE	A100, A100SS
				1/2		1200	W-88-XAE	80
			DELTRIN	1/2		1200	W-108-DAE	A100, A100SS
				1/2		1200	W-88-DAE	80
			PRECISION BALL	1/2		1200	W-108-PXAE	A100, A100SS
				1/2		1200	W-88-PXAE	80
	ROLLER	1/2		1200	W-108-TAE	A100, A100SS		
		1/2		1200	W-88-TAE	80		
		2 1/2	2 3/4	PRECISION BALL	3/4	2-7/16	1650	W-608-PXAE
10	2 1/2	2 3/4	PRECISION BALL	3/4	2-7/16	1800	W-610-PXAE	--

WHEELS

NEOPRENE RUBBER

Load Capacity: 50 to 670 lbs.



Quality Features

- Excellent grease, oil, and chemical resistance.
- Withstands weather and ozone exposure.
- Will not crack or become brittle or sticky.
- Non-staining.

Soft, solid wheel is specially formulated with a premium compound to withstand wear and abrasion while resisting oil, grease, and most chemicals. Soft tread is permanently molded to a hard center core for added strength and higher load capacities. All Neoprene rubber wheels are carefully handcrafted at our factory in City of Industry, California.



Available in Electrically Conductive (less than 10^5 Ohms surface resistance) for excellent protection against electrostatic discharge (ESD).

TEMPERATURE RANGE:
-20° to +180°F

HARDNESS DUROMETER:
78 Shore A

COLOR:
Non-staining black or non-marking gray.

108



DARNELL-ROSE
division of J. J. Evans Industries, Inc.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■				■	■	■

Bearing Selection

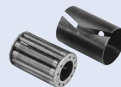
PLAIN ACETAL



MACHINED BALL



ROLLER



TAPERED ROLLER

CUP AND CONE





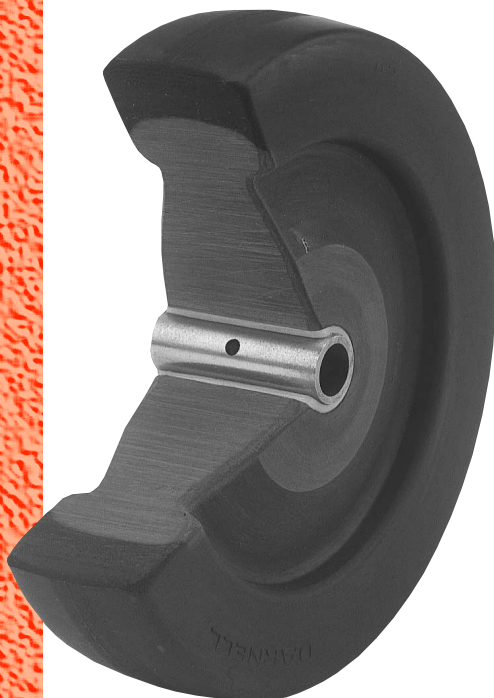
NEOPRENE RUBBER

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
1 5/8	1 1/16	1 1/16	ACETAL	3/16	—	50	W-1-EZDN	—
		3/4		9/32	—	50	W-2-EZDN	
1 3/4	3/4	7/8	ACETAL	1/4	—	60	W-7-PDN	7
			BALL	1/4	—	60	W-7-XDN	
2	3/4	7/8	ACETAL	5/16	—	80	W-9-PDN	9
			BALL	5/16	—	80	W-9-XDN	
	7/8	6 3/4	BALL	3/8	29/32	90	W-32-XDN	30
			ACETAL	5/16	—	100	W-52-PDN	50, CRV-2.5
BALL	5/16	1-1/8	100	W-52-XDN				
2 1/2	7/8	6 3/4	BALL	3/8	29/32	95	W-32 1/2-XDN	30
	1	1 1/8	ACETAL	—	7/16	110	W-52 1/2-PDN	50
	1 1/4	1 1/2	ACETAL	1/2	—	200	W-62 1/2-PDN	60, 60SS
BALL			3/8	1-1/8	200	W-62 1/2-XDN	60, 60SS	
3	3/4	7/8	ACETAL	5/16	—	80	W-11-PDN	11
	7/8	1 1/8	ACETAL	7/16	—	110	W-53-PDN	30, 50, 50SS, CR II-3
			BALL	5/16	29/32	110	W-53-XDN	
	1 1/4	1 1/2	ACETAL	1/2	—	200	W-63-PDN	60, 60SS
			BALL	3/8	1-1/8	200	W-63-XDN	
	1 3/8	1 1/2	ACETAL	9/16	—	300	W-73-PDN	70
			BALL	3/8	1-1/8	300	W-73-XDN	
	1 7/8	2 1/4	ROLLER	5/8	1-1/16	300	W-73-TDN	20, 80
ROLLER			5/8	1-3/16	350	W-103-TDN		
TAPERED ROLLER			19/32	1-3/8	350	W-103-YDN		
3 1/2	1 1/4	1 1/2	ACETAL	1/2	—	200	W-63 1/2-PDN	60, 90, 60SS, 90SS
			BALL	3/8	1-1/8	200	W-63 1/2-XDN	
4	7/8	1 1/8	ACETAL	7/16	—	110	W-54-PDN	30, 50, 50SS
			BALL	5/16	29/32	110	W-54-XDN	
	1 1/4	1 1/2	ACETAL	1/2	—	200	W-64-PDN	60, 90, 60SS, 90SS
			BALL	3/8	1-1/8	200	W-64-XDN	
	1 3/8	1 3/4	ACETAL	9/16	—	300	W-74-PDN	70
1 13/16	2 1/4	ROLLER	5/8	1-1/16	300	W-74-TDN	20, 80	
5	7/8	1 1/8	ACETAL	7/16	—	110	W-55-PDN	30, 50, 50SS
			BALL	5/16	29/32	110	W-55-XDN	
	1 1/4	1 1/2	ACETAL	1/2	—	200	W-65-PDN	60, 90, 60SS, 90SS
			BALL	3/8	1-1/8	200	W-65-XDN	
	1 3/8	1 3/4	ACETAL	9/16	—	300	W-75-PDN	70
			BALL	3/8	1-1/8	300	W-75-XDN	
1 13/16	2 1/4	ROLLER	5/8	1-1/16	300	W-75-TDN	20, 80, 4L	
2 1/2	2 13/16	ROLLER	3/4	1-7/16	550	W-605-TDN	D600, 4L	
6	1 1/4	1 1/2	ACETAL	1/2	—	220	W-66-PDN	60, 60SS
			BALL	3/8	1-1/8	220	W-66-XDN	
	1 3/8	1 3/4	ACETAL	9/16	—	300	W-76-PDN	70
			ROLLER	5/8	1-1/16	300	W-76-TDN	
	1 13/16	2 1/4	ROLLER	5/8	1-3/16	350	W-106-TDN	80, 4L
TAPERED ROLLER			3/4	1-3/8	350	W-106-YDN		
2 1/2	2 13/16	ROLLER	3/4	1-7/16	550	W-606-TDN	D600, 4L	
8	2	2 1/4	ROLLER	5/8	1-3/16	475	W-88-TDN	80
	2 1/2	2 13/16	ROLLER	3/4	1-7/16	670	W-608-TDN	4L

WHEELS

HI-CAP NEOPRENE RUBBER

Load Capacity: 60 to 840 lbs.



Quality Features

- Higher load capacity.
- Excellent grease, oil, and chemical resistance.
- Withstands weather and ozone exposure.
- Will not crack or become brittle or sticky.
- Non-staining.

Our exclusive formula blends corded fibers with specially formulated Neoprene to provide added load capacity in a soft resilient wheel. Withstands wear and abrasion while resisting oil, grease, and most chemicals. Soft tread is permanently molded to a hard center core for added strength and higher load capacities. All Hi-Cap Neoprene rubber wheels are expertly handcrafted at our factory in City of Industry, California.



Available in Electrically Conductive (less than 10⁵ Ohms surface resistance) for excellent protection against electrostatic discharge (ESD).

TEMPERATURE RANGE:
-20° to +180°F

HARDNESS DUROMETER:
90 Shore A

COLOR:
Non-staining black or non-marking gray.

110



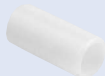
DARNELL-ROSE
division of Evans Industries, Inc.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■				■	■	■

Bearing Selection

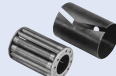
PLAIN ACETAL



MACHINED BALL



ROLLER



TAPERED ROLLER CUP AND CONE



HI-CAP NEOPRENE RUBBER

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In	
1 5/8	1 1/16	3/4	GRAPHITE	9/32	—	60	W-2-EZKN	—	
		1 3/16	GRAPHITE	3/16	—	60	W-1-EZKN		
1 3/4	3/4	7/8	ACETAL	1/4	—	75	W-7-PKN	7	
			BALL	1/4	—	75	W-7-XKN		
2	3/4	7/8	ACETAL	5/16	—	100	W-9-PKN	9	
			BALL	5/16	—	100	W-9-XKN		
	1	1 1/8	6 3/64	BALL	3/8	29/32	110	W-32-XKN	30
				ACETAL	—	—	125	W-51-PKN	50
BALL	—	—	125	W-51-XKN					
2 1/2	7/8	6 3/64	BALL	3/8	29/32	120	W-32 1/2-XKN	30	
	1	1 1/8	ACETAL	7/16	—	140	W-52 1/2-PKN	50, CRV-2.5	
			BALL	5/16	29/32	140	W-52 1/2-XKN		
	1 1/4	1 1/2	ACETAL	1/2	—	250	W-62 1/2-PKN	60, 60SS	
BALL			3/8	1-1/8	250	W-62 1/2-XKN			
3	3/4	7/8	ACETAL	5/16	—	100	W-11-PKN	11	
	7/8	1 1/8	ACETAL	7/16	—	135	W-53-PKN	30, 50, 50SS, CR II-3	
			BALL	5/16	29/32	135	W-53-XKN		
	1 1/4	1 1/2	ACETAL	1/2	—	250	W-63-PKN	60, 60SS	
			BALL	3/8	1-1/8	250	W-63-XKN		
	1 3/8	1 1/2	ACETAL	9/16	—	375	W-73-PKN	70	
			BALL	3/8	1-1/8	375	W-73-XKN		
			ROLLER	5/8	1-1/16	375	W-73-TKN		
1 7/8	2 1/4	ROLLER	5/8	1-3/16	440	W-103-TKN	20, 80		
		TAPERED ROLLER	19/32	1-3/8	440	W-103-YKN			
3 1/2	1 1/4	1 1/2	ACETAL	1/2	—	250	W-63 1/2-PKN	60, 90, 60SS, 90SS	
			BALL	3/8	1-1/8	250	W-63 1/2-XKN		
4	7/8	1 1/8	ACETAL	7/16	—	135	W-54-PKN	30, 50, 50SS	
			BALL	5/16	29/32	135	W-54-XKN		
	1 1/4	1 1/2	ACETAL	1/2	—	250	W-64-PKN	60, 90, 60SS, 90	
			BALL	3/8	1-1/8	250	W-64-XKN		
	1 3/8	1 3/4	ACETAL	9/16	—	375	W-74-PKN	70	
			ROLLER	5/8	1-1/16	375	W-74-TKN		
1 13/16	2 1/4	ROLLER	5/8	1-3/16	440	W-104-TKN	20, 80, 90		
5	7/8	1 1/8	ACETAL	7/16	—	135	W-55-PKN	30, 50, 50SS	
			BALL	5/16	29/32	135	W-55-XKN		
	1 1/4	1 1/2	ACETAL	1/2	—	250	W-65-PKN	60, 90, 60SS, 90SS	
			BALL	3/8	1-3/16	250	W-65-XKN		
	1 3/8	1 3/4	ACETAL	9/16	—	375	W-75-PKN	70	
			BALL	3/8	1-3/16	375	W-75-XKN		
			ROLLER	5/8	1-1/16	375	W-75-TKN		
1 13/16	2 1/4	ROLLER	5/8	1-3/16	440	W-105-TKN	20, 80, 4L		
2 1/2	2 13/16	ROLLER	3/4	1-7/16	700	W-605-TKN	D600, 4L		
6	1 1/4	1 1/2	ACETAL	1/2	—	275	W-66-PKN	60, 60SS	
			BALL	3/8	1-3/16	275	W-66-XKN		
	1 3/8	1 3/4	ACETAL	9/16	—	375	W-76-PKN	70	
			ROLLER	5/8	1-1/16	375	W-76-TKN		
	1 13/16	2 1/4	ROLLER	5/8	1-3/16	440	W-106-TKN	80, 4L	
TAPERED ROLLER			3/4	1-3/8	440	W-106-YKN			
2 1/2	2 13/16	ROLLER	—	—	700	W-606-TKN	D600, 4L		
8	2	2 1/4	ROLLER	5/8	1-3/16	600	W-88-TKN	80	
	2 1/2	2 13/16	ROLLER	3/4	1-7/16	840	W-608-TKN	4L	

WHEELS

HARD RUBBER

Load Capacity: 50 to 670 lbs.

Quality Features

- High load capacity.
- Excellent grease, oil, and chemical resistance.
- Withstands impact from shock loading.
- Will not crack or become brittle or sticky.
- Non-staining.



Tough, solid hard rubber wheels roll easily under heavy loads. Will not chip or crack under impact. Special compound is formulated to resist wear and abrasion. Not affected by oils, grease, water, or cleaning solvents, and will not mark floors. Hard Rubber wheels are expertly handcrafted at our factory in City of Industry, California.



UNDERWRITERS
LABORATORY

Available in Electrically Conductive (less than 10^5 Ohms surface resistance) for excellent protection against electrostatic discharge (ESD).

TEMPERATURE RANGE:
-20° to +140°F

HARDNESS DUROMETER:
80 Shore D

COLOR:
Non-staining black or non-marking gray.

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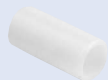
DARNELL-ROSE
division of Evans Industries, Inc.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■	■				■	■

Bearing Selection

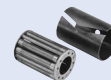
PLAIN ACETAL



MACHINED BALL



ROLLER

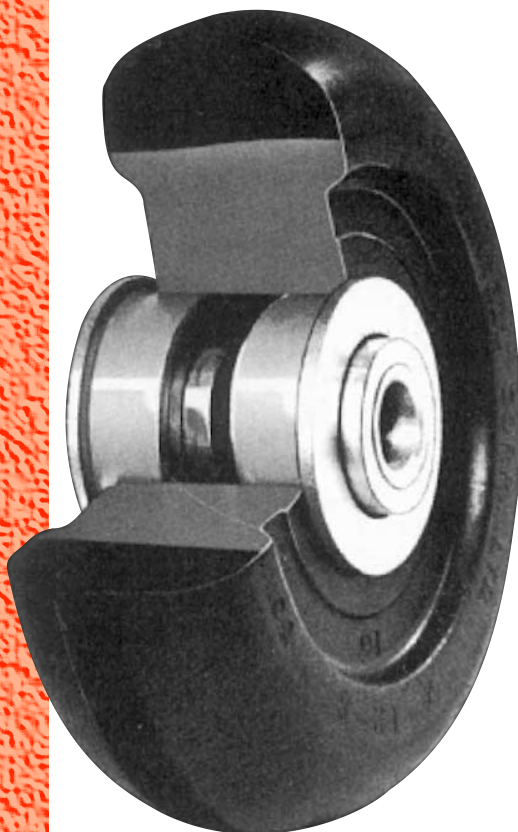


HARD RUBBER

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In
1 5/8	1 1/16	3/4	ACETAL	9/32	—	75	W-2-PH	—
		13/16	ACETAL	3/16	—	75	W-1-PH	
1 3/4	3/4	7/8	ROLLER	1/4	5/16	85	W-7-TH	7
2	3/4	7/8	ACETAL	5/16	—	100	W-9-PH	9
			BALL	5/16	29/32	100	W-9-XH	
	1	1 1/8	BALL	3/8	29/32	165	W-32-XH	30
			ACETAL	—	—	150	W-52-PH	50
BALL	5/16	29/32	150	W-52-XH				
2 1/2	7/8	63/64	BALL	3/8	29/32	165	W-32 1/2-XH	30
	1	1 1/8	ACETAL	7/16	—	165	W-52 1/2-PH	50, CRV-2.5
			BALL	5-1/6	—	165	W-52 1/2-XH	50, CR II-3
	1 1/4	1 1/2	ACETAL	1/2	—	400	W-62 1/2-PH	60
BALL			3/8	1-1/8	400	W-62 1/2-XH		
3	3/4	7/8	ACETAL	5/16	—	100	W-11-PH	11
	7/8	1 1/8	ACETAL	7/16	—	165	W-53-PH	30, 50, 50SS, CR II-3
			BALL	5/16	29/32	165	W-53-XH	
	1 1/4	1 1/2	ACETAL	1/2	—	400	W-63-PH	60, 60SS
			BALL	3/8	1-1/8	400	W-63-XH	
	1 3/8	1 3/4	ACETAL	9/16	—	550	W-73-PH	70
			BALL	3/8	1-1/16	550	W-73-XH	
			ROLLER	5/8	1-1/16	550	W-73-TH	
1 7/8	2 1/4	ROLLER	5/8	1-3/16	800	W-83-TH	80	
		ACETAL	1/2	—	400	W-63 1/2-PH	60, 90, 60SS, 90SS	
BALL	3/8	1-1/8	400	W-63 1/2-XH				
4	7/8	1 1/8	ACETAL	7/16	—	165	W-54-PH	30, 50, 50SS
			BALL	5/16	29/32	165	W-54-XH	
	1 1/4	1 1/2	ACETAL	1/2	—	400	W-64-PH	60, 90, 60SS, 90SS
			ROLLER	5/8	1-1/16	600	W-74-TH	70
	1 13/16	2 1/4	ROLLER	5/8	1-3/16	800	W-104-TH	20, 80, A100CS
5	7/8	1 1/8	ACETAL	7/16	—	165	W-55-PH	30, 50, 50SS
			BALL	5/16	29/32	165	W-55-XH	30, 50, 50SS
	1 3/16	2 1/4	ROLLER	5/8	1-3/16	800	W-105-TH	20, 80, A100CS, 4L0
			ACETAL	1/2	—	400	W-65-PH	60, 90, 60SS, 90SS
	1 1/4	1 1/2	BALL	3/8	1-1/8	400	W-65-XH	60
			ACETAL	9/16	—	600	W-75-PH	70
	1 3/8	1 3/4	ROLLER	5/8	1-1/16	600	W-75-TH	70
ROLLER			3/4	1-7/16	1000	W-605-TH	D600, 4LA	
6	1 1/4	1 1/2	ACETAL	1/2	—	400	W-66-PH	60, 60SS
			BALL	3/8	1-1/8	400	W-66-XH	
	1 3/8	1 3/4	ACETAL	9/16	—	600	W-76-PH	70
			ROLLER	5/8	1-1/16	600	W-76-TH	
	1 13/16	2 1/4	ROLLER	5/8	1-3/16	900	W-106-TH	80, 4L0
2 1/2	2 13/16	ROLLER	3/4	1-7/16	1000	W-606-TH	D600, 4LA	
8	2	2 1/4	ROLLER	5/8	1-3/16	900	W-88-TH	80, 4L0
			ROLLER	3/4	1-7/16	1000	W-608-TH	D600, 4LA, 4M

WHEELS

EXTRA SOFT "E-Z ROLL"



Load Capacity: 80 to 300 lbs.

Quality Features

- Excellent grease, oil, and chemical resistance.
- Absorbs shock and vibration.
- Great for indoor/outdoor applications.
- Will not crack or become brittle.
- Non-staining.

Extra Soft, solid wheel is extremely resilient and will absorb shock while providing a smooth, quiet ride. Special soft Neoprene compound withstands wear and abrasion while resisting oil, grease, and most chemicals. Hard center core provides increased mobility under heavy loads.

The E-Z Roll donut style wheel is ideal for carts or equipment used in offices, stores, hospitals and institutions. The resiliency of the E-Z Roll also makes it the perfect wheel for carpeted surfaces as it reduces carpet roll-up and helps to reduce carpet wear. Use with ball bearings for carpet installations.

All Extra Soft E-Z Roll wheels are expertly handcrafted at our factory in City of Industry, California.



UNDERWRITERS
LABORATORY

Available in Electrically Conductive (less than 10^5 Ohms surface resistance) for excellent protection against electrostatic discharge (ESD).

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DARNELL-ROSE
division of Evans Industries, Inc.

TEMPERATURE RANGE:
-20° to +180°F

HARDNESS DUROMETER:
60 Shore A

COLOR:
Non-staining black or non-marking gray. Gray not available in Extra Soft

Bearing
Selection

PLAIN ACETAL



MACHINED BALL



**EXTRA SOFT
"E-Z ROLL"**



FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■	■	■			■	■

EXTRA SOFT NEOPRENE "E-Z ROLL"

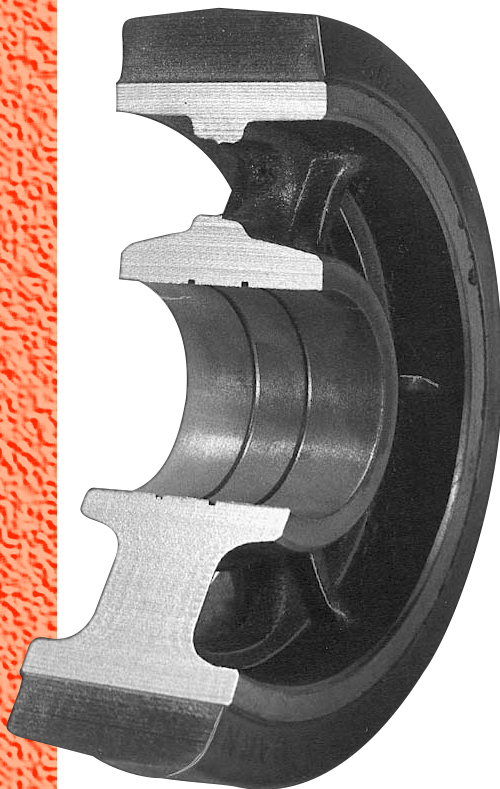
Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
3	15/16	1 1/8	ACETAL	7/16	-	100	W-53-PEZN-RD	30, 50, 50SS, CR II-3
	1 1/4	1 1/2	BALL	5/16	29/32	100	W-53-XEZN-RD	
4	15/16	1 1/8	ACETAL	7/16	-	100	W-54-PEZN-RD	30, 50, 50SS
	1 1/4	1 1/2	BALL	5/16	29/32	100	W-54-XEZN-RD	60, 90, 60SS, 90SS
5	15/16	1 1/8	ACETAL	7/16	-	100	W-55-PEZN-RD	30, 50, 50SS
	1 1/4	1 1/2	BALL	5/16	29/32	100	W-55-XEZN-RD	60, 90, 60SS, 90SS
5 1/2	1 5/8	1 15/16	ACETAL	1/2	-	200	W-65-PEZN-RD	60, 90, 60SS, 90SS
	1 1/4	1 1/2	BALL	3/8	1-1/8	200	W-65-XEZN-RD	70
6	1 1/4	1 1/2	ACETAL	9/16	-	225	W-75-PEZN-RD	60, 90, 60SS, 90SS
8	1 9/16	1 15/32	BALL	3/8	1-1/8	200	W-68-XEZN-RD	60, 90, 60SS, 90SS

ROUND DONUT "E-Z ROLL"

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
2	3/4	7/8	ACETAL	5/16	—	80	W-9-PDN-RD	9
	7/8	63/64	BALL	3/8	29/32	150	W-32-XDN-RD	30
3	1	1 1/8	ACETAL	5/16	—	100	W-52-PDN-RD	50
	7/8	1 1/8	ACETAL	7/16	—	100	W-53-PDN-RD	50
4	1 1/4	1 1/2	ACETAL	1/2	—	200	W-63-PDN-RD	60
	7/8	1 1/8	BALL	3/8	1-1/8	200	W-63-XDN-RD	50
5	7/8	1 1/8	ACETAL	7/16	—	100	W-54-PDN-RD	50
	1 1/4	1 1/2	BALL	5/16	29/32	100	W-54-XDN-RD	60
5	7/8	1 1/8	ACETAL	1/2	—	200	W-64-PDN-RD	50
	1 3/8	1 3/4	BALL	3/8	1-1/8	200	W-64-XDN-RD	50
5	7/8	1 1/8	ACETAL	7/16	—	100	W-55-PDN-RD	50
	1 3/8	1 3/4	BALL	5/16	29/32	100	W-55-XDN-RD	70

WHEELS

MOLD-ON NEOPRENE



Load Capacity: 500 to 900 lbs.

Quality Features

- Excellent grease, oil, and chemical resistance.
- Quiet operation.
- Good floor protection.
- Withstands weather and ozone exposure.
- Will not crack or become brittle or sticky.

MOLD-ON HI-CAP NEOPRENE

Cast Iron Hub

Mold-on Neoprene is permanently bonded to a machined cast iron core to provide the highest load capacity and best floor protection. They are quiet in operation, absorb shock, prolong equipment life and protect cargo. Hi-cap formula blends corded fibers with specially formulated Neoprene to provide added load capacity in a soft, resilient wheel. Withstands wear and abrasion while resisting oil, grease, and most chemicals. All mold-on Neoprene wheels are expertly handcrafted at our factory in City of Industry, California.



Available in Electrically Conductive (less than 10⁵ Ohms surface resistance) for excellent protection against electrostatic discharge (ESD).

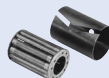
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DARNELL-ROSE
division of Evans Industries, Inc.

Bearing Selection

ROLLER



TAPERED ROLLER
CUP AND CONE



SPECIFICATIONS

TEMPERATURE RANGE:
Standard: -35° to +220°F
Hi-Cap: -30° to +195°F

HARDNESS DUROMETER:
Standard: 73-80 Shore A
Hi-Cap: 85-92 Shore A

COLOR:
Non-staining black or non-marking gray.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■			■	■	■	■

MOLD-ON NEOPRENE
MOLD-ON HI-CAP NEOPRENE

Cast Iron Hub



MOLD-ON NEOPRENE

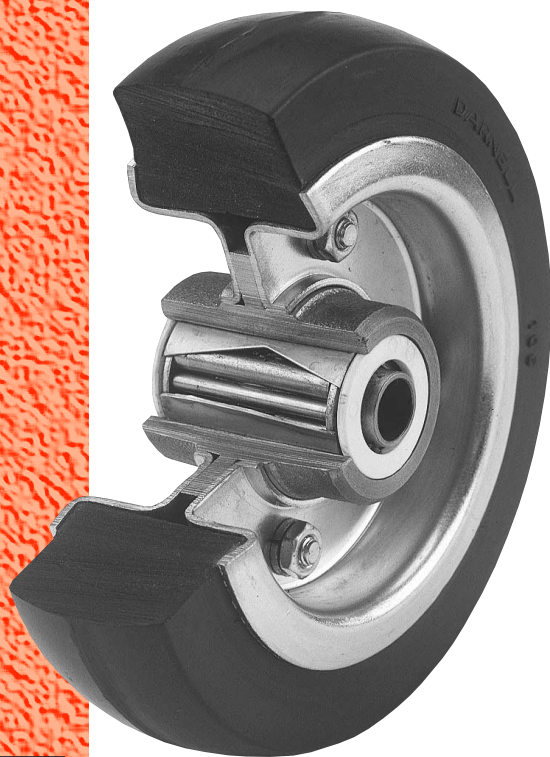
Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
6	2 1/2	2 1/16	TAPERED ROLLER	3/4	1-5/8	550	W-606-YDN-M-CI	D600
	2 3/4	3/4	ROLLER	1-1/4	2-1/16	600	W-4006-TDN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	600	W-4006-YDN-M-CI	
8	2 1/2	2 1/16	TAPERED ROLLER	3/4	1-5/8	550	W-608-YDN-M-CI	D600
	2 3/4	3/4	ROLLER	1-1/4	2-1/16	600	W-4008-TDN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	600	W-4008-YDN-M-CI	
10	2 3/4	3/4	ROLLER	1-1/4	2-1/16	600	W-4010-TDN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	600	W-4010-YDN-M-CI	
12	2 3/4	3/4	ROLLER	1-1/4	2-1/16	700	W-4012-TDN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	700	W-4012-YDN-M-CI	

MOLD-ON HI-CAP NEOPRENE

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
6	2 1/2	2 1/16	TAPERED ROLLER	3/4	1-5/8	670	W-606-YKN-M-CI	D600
	2 3/4	3/4	ROLLER	1-1/4	2-1/16	750	W-4006-TKN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	750	W-4006-YKN-M-CI	
8	2 1/2	2 1/16	TAPERED ROLLER	3/4	1-5/8	670	W-608-YKN-M-CI	D600
	2 3/4	3/4	ROLLER	1-1/4	2-1/16	750	W-4008-TKN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	750	W-4008-YKN-M-CI	
10	2 3/4	3/4	ROLLER	1-1/4	2-1/16	750	W-4010-TKN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	750	W-4010-YKN-M-CI	
12	2 3/4	3/4	ROLLER	1-1/4	2-1/16	900	W-4012-TKN-M-CI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	900	W-4012-YKN-M-CI	

WHEELS

STEEL DISC NEOPRENE



Load Capacity: 200 to 550 lbs.

Quality Features

- Excellent grease, oil, and chemical resistance.
- Worn tires can be replaced.
- Quiet operation.
- Good floor protection.
- Withstands weather and ozone exposure.

Demountable Neoprene tire is held firmly in place between two Bright zinc plated steel discs which are securely bolted together. Bearings are mounted to provide quiet operation and smooth effortless ride. These wheels roll well on carpeted floors and are ideal for wheeled hospital and institutional equipment. Hi-Cap formula blends corded fibers with specially formulated Neoprene to provide added load capacity in a soft resilient wheel. Withstands wear and abrasion while resisting oil, grease and most chemicals. All Steel-Disc Neoprene wheels are expertly handcrafted at our factory in City of Industry, California.

STEEL DISC HI-CAP NEOPRENE



Available in Electrically Conductive (less than 10⁵ Ohms surface resistance) for excellent protection against electrostatic discharge (ESD).

TEMPERATURE RANGE:

Standard: -35° to +220°F
Hi-Cap: -30° to +195°F

HARDNESS DUROMETER:

Standard: 73-80 Shore A
Hi-Cap: 85-92 Shore A

COLOR:

Non-staining black or non-marking gray.



FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■		■	■		■	■	■

Bearing Selection










MACHINED BALL



ROLLER












STEEL DISC NEOPRENE

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In
								
3½	1	1½	BALL	3/8	—	200	W-63 1/2-XDN-T-SD	60
4	1¼	1½	BALL	3/8	—	200	W-64-XDN-T-SD	60
		1¾		3/8	—	300	W-74-XDN-T-SD	70
5	1¼	1½	BALL	3/8	—	200	W-65-XDN-T-SD	60
		1⁵/₁₆		1¾	3/8	—	300	W-75-XDN-T-SD
	1⁹/₁₆	2¼	ROLLER	5/8	1-3/16	350	W-105-TDN-T-SD	80, 4L0
				2³/₁₆	2¹³/₁₆	3/4	1-3/16	550
6	1¼	1½	BALL	3/8	—	200	W-66-XDN-T-SD	60
		1⁹/₁₆	2¼	ROLLER	5/8	1-3/16	350	W-106-TDN-T-SD
	2³/₁₆				2¹³/₁₆	3/4	1-3/16	550
8	1³/₁₆	2¼	BALL	5/8	—	350	W-1008-XDN-T-SD*	4LA
		1¾	2¼	ROLLER*	1-1/4	2-1/16	450	W-1A08-TBDN-T-SD
	2¹³/₁₆		ROLLER	3/4	1-7/16	450	W-1A08-TDN-T-SD	
10	1³/₈	2½	BALL	5/8	—	350	W-1010-XDN-T-SD*	—
		2¾	ROLLER*	1-1/4	2-1/16	400	W-1A10-TBDN-T-SD	—
12	2	2¼	ROLLER*	1-1/4	2-1/16	400	W-1A12-TBDN-T-SD	—

* 8" and 10" wheel available with rounded tread

STEEL DISC HI-CAP NEOPRENE

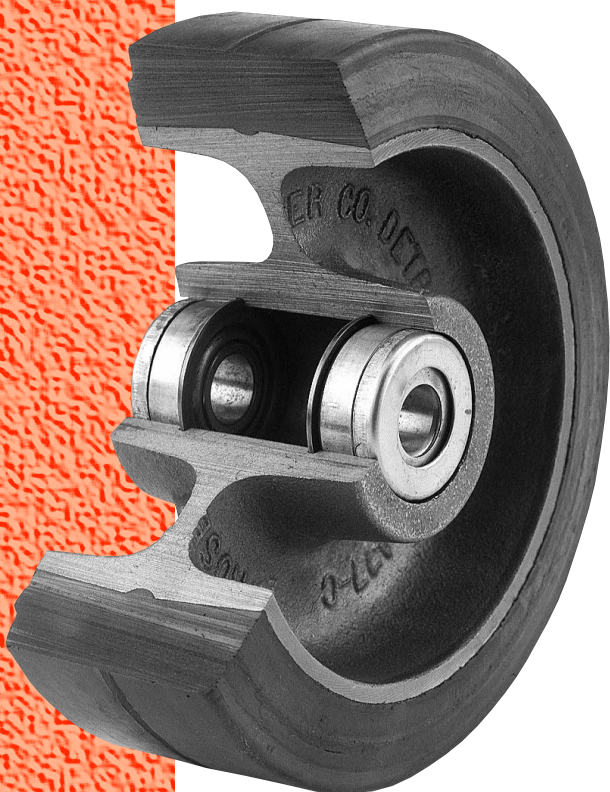
Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In
								
3½	1	1½	BALL	3/8	—	200	W-63 1/2-XKN-T-SD	60
4	1¼	1½	BALL	3/8	—	200	W-64-XKN-T-SD	60
		1¾		3/8	—	300	W-74-XKN-T-SD	70
5	1¼	1½	BALL	3/8	—	200	W-65-XKN-T-SD	60
		1⁵/₁₆		1¾	3/8	—	300	W-75-XKN-T-SD
	1⁹/₁₆	2¼	ROLLER	5/8	1-3/16	350	W-105-TKN-T-SD	20, 80, 4LO
				2³/₁₆	2¹³/₁₆	3/4	1-3/16	550
6	1¼	1½	BALL	3/8	—	200	W-66-XKN-T-SD	60
		1⁹/₁₆	2¼	ROLLER	5/8	1-3/16	350	W-106-TKN-T-SD
	2³/₁₆				2¹³/₁₆	3/4	1-3/16	550
8	1³/₁₆	2¼	BALL	5/8	—	350	W-1008-XKN-T-SD*	4LA
		1¾	2¹³/₁₆	ROLLER	3/4	1-7/16	450	W-1A08-TKN-T-SD
	2¼		ROLLER*	1-1/4	2-1/16	450	W-1A08-TBKN-T-SD	
10	1³/₈	2½	BALL	5/8	—	350	W-1010-XKN-T-SD*	—
		2¾	ROLLER*	1-1/4	2-1/16	400	W-1A10-TBKN-T-SD	—
12	2	2¼	ROLLER*	1-1/4	2-1/16	400	W-1A12-TBKN-T-SD	—

* available with rounded tread

WHEELS

MOLD-ON RUBBER Cast Iron Hub

Load Capacity: 150 to 1800 lbs.



Quality Features

- Quiet operation.
- Good floor protection.
- Shock absorbing.
- Will not crack or become brittle or sticky.

Mold-on rubber treads are made of thick, natural, industrial grade rubber that is permanently bonded to a high-strength cast iron core. These ever-popular wheels are quiet and long wearing. Ideal for a multitude of industrial uses. All mold-on rubber wheels are expertly handcrafted at our factory in Detroit, Michigan.

TEMPERATURE RANGE:
-40° to +200°F

HARDNESS DUROMETER:
70 Shore A

COLOR:
Non-staining black tread /
natural core

120

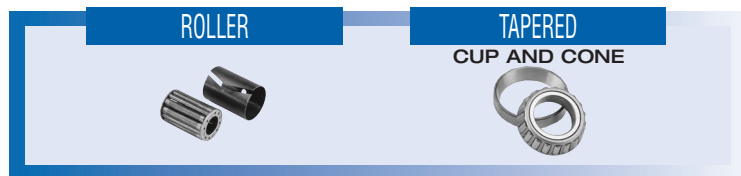


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FLOOR MATERIALS & SURFACE CONDITIONS










Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■				■		

Bearing Selection



MOLD-ON RUBBER

Cast Iron Hub

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In
								
4	2	2¼	ROLLER	3/4	1-3/16	300	342-RS	A100CS, 400, R600
5	2	2¼	ROLLER	3/4	1-3/16	350	352-RS	A100CS, 400, R600
6	2	2¼	ROLLER	3/4	1-3/16	410	362-RS	A100CS, 400, R600
		2½		1	1-3/4	410	665-RS	R600
	2½	2¾	ROLLER	1	1-9/16	540	669-RS	
			TAPERED ROLLER	3/4	1-25/32	540	100-6-RS	R100, 650
			ROLLER	1	1-9/16	680	551-6-RS	550
8	2	2¼	TAPERED ROLLER	3/4	1-25/32	680	100-63-RS	R100, R110
			ROLLER	3/4	1-3/16	500	382-RS	A100CS, 400
	2½	2¾	TAPERED ROLLER	3/4	1-25/32	500	698-RS	—
			ROLLER	1	1-9/16	670	504-8-RS	500
			TAPERED ROLLER	3/4	1-25/32	670	655-8-RS	650
	3	3¼	ROLLER	1	1-13/16	840	554-8-RS	550, 800
			ROLLER	1	1-13/16	840	887-RS	800
			TAPERED ROLLER	3/4	1-25/32	840	100-7-RS	R100, R110
TAPERED ROLLER			3/4	1-25/32	840	100-8-RS		
10	2	2¼	ROLLER	3/4	1-13/16	650	4102-RS	400, R600
			ROLLER	1	1-9/16	790	507-10-RS	500
	2½	2¾	TAPERED ROLLER	3/4	1-25/32	790	656-10-RS	650
			ROLLER	1	1-13/16	1000	557-10-RS	550, 800
				1	1-13/16	1000	8139-RS	800
			TAPERED ROLLER	1-3/4	1-25/32	1000	100-10-RS	R100, R110
				1-3/4	2-7/16	1000	120-10-RS	R120
			3/4	1-25/32	1000	100-9-RS	R100, R110	
4	4¼	TAPERED ROLLER	1-3/4	2-7/16	1400	110-104-RS	R110, R120	
11	5	5¼	TAPERED ROLLER	1-3/4	2-7/16	1800	127-11-RS	R120
12	3	3¼	TAPERED ROLLER	1-3/4	2-21/64	1140	100-12-RS	R100, R110
	4	4¼	TAPERED ROLLER	1-3/4	2-7/16	1600	130-12-RS	R120

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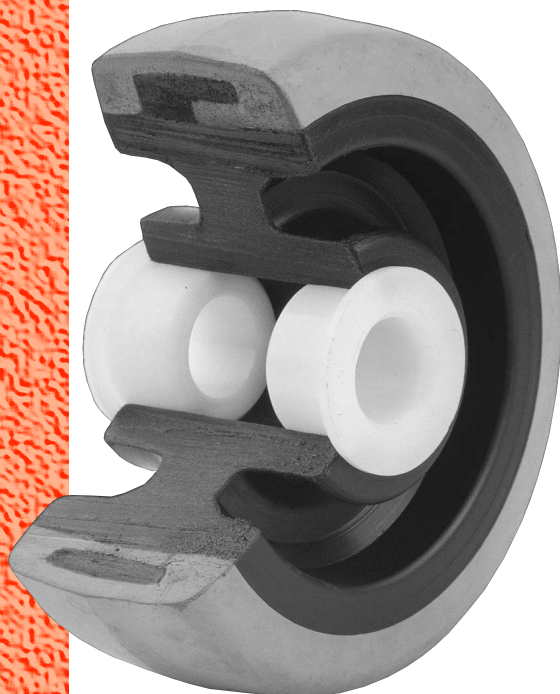
WHEELS

THERMOPLASTIC RUBBER Polyolefin Core

Load Capacity: 150 to 450 lbs.

Quality Features

- Excellent floor protection.
- Good grease, oil, and chemical resistance.
- High impact strength.
- Non-staining.
- Will not crack or become brittle or sticky.



Soft thermoplastic rubber tread is molded to high strength Polypropylene core to offer good floor protection at an economical price. Tread and core are mechanically bonded to prevent separation. Gray tread is non-marking, non-staining, and will not crack or become brittle. An excellent choice for general duty applications where a soft quiet wheel is required.

TEMPERATURE RANGE:
-45° to +180°F

HARDNESS DUROMETER:
80 Shore A

COLOR:
Non-marking gray.

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FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■					■	■

Bearing Selection

DELRIN



MACHINED BALL



ROLLER



THERMOPLASTIC RUBBER

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In
2½	1¾	1½	DELRIN	1/2	1-1/8	200	W-62 1/2-DPD-M-PO	60, 60SS
		1⅝	BALL	3/8	1-1/8	200	W-62 1/2-XPD-M-PO	60
3	1	1⅜	BALL	5/16	7/8	150	W-53-XPD-M-PO	50
			PLAIN	5/16	5/16	150	W-53-BPD-M-PO	50, 50SS
	1⅜	1½	DELRIN	1/2	1-1/8	225	W-63-DPD-M-PO	60, 60SS
		1⅝	BALL	3/8	1-1/8	225	W-63-XPD-M-PO	60
3½	1⅜	1½	DELRIN	1/2	1-1/8	240	W-63 1/2-DPD-M-PO	60, 90, 60SS, 90SS
		1⅝	BALL	3/8	1-1/8	240	W-63 1/2-XPD-M-PO	60, 90
4	1	1⅜	BALL	5/16	7/8	160	W-54-XPD-M-PO	50
			PLAIN	5/16	5/16	160	W-54-BPD-M-PO	50, 50SS
	1⅜	1½	BALL	3/8	1-1/8	250	W-64-XPD-M-PO	60, 90
			DELRIN	1/2	1-1/8	250	W-64-DPD-M-PO	60, 90, 60SS, 90SS
	1½	1⅝	ROLLER	5/8	1-3/16	260	W-74-TPD-M-PO	70
			DELRIN	3/4	1-3/16	300	W-84-DPD-M-PO	20, 80
	2	2⅜	ROLLER	5/8	1-3/16	300	W-84-TPD-M-PO	20, 80
			DELRIN	3/4	1-3/16	300	W-104-TPD-M-PO	A100CS, A100SS
	2⅜	DELRIN	3/4	1-3/16	300	W-104-DPD-M-PO		
5	1	1⅜	BALL	5/16	7/8	170	W-55-XPD-M-PO	50
			PLAIN	5/16	5/16	170	W-55-BPD-M-PO	50, 50SS
	1⅜	1½	DELRIN	1/2	1-1/8	275	W-65-DPD-M-PO	60, 90, 60SS, 90SS
			BALL	3/8	1-1/8	275	W-65-XPD-M-PO	60, 90
	1½	1⅝	DELRIN	1/2	1-1/8	320	W-75-DPD-M-PO	70
			ROLLER	5/8	1-3/16	260	W-74-DPD-M-PO	
			ROLLER	5/8	1-3/16	320	W-75-TPD-M-PO	
	2	2⅜	DELRIN	3/4	1-3/16	350	W-85-DPD-M-PO	20, 80
			ROLLER	5/8	1-3/16	350	W-85-TPD-M-PO	
		2⅜	DELRIN	3/4	1-3/16	350	W-105-TPD-M-PO	A100CS, A100SS
DELRIN			3/4	1-3/16	350	W-105-DPD-M-PO		
6	1⅜	1½	DELRIN	1/2	1-1/8	300	W-66-DPD-M-PO	60, 60SS
			BALL	3/8	1-1/8	300	W-66-XPD-M-PO	60
	1½	1⅝	DELRIN	1/2	1-1/8	350	W-76-DPD-M-PO	70
			ROLLER	5/8	1-3/16	375	W-76-TPD-M-PO	
	2	2⅜	DELRIN	3/4	1-3/16	400	W-86-DPD-M-PO	80
			ROLLER	5/8	1-3/16	400	W-86-TPD-M-PO	
		2⅜	DELRIN	3/4	1-3/16	400	W-106-TPD-M-PO	A100CS, A100SS
			DELRIN	3/4	1-3/16	400	W-106-DPD-M-PO	
8	2	2⅜	DELRIN	3/4	1-3/16	450	W-88-DPD-M-PO	80
			ROLLER	5/8	1-3/16	450	W-88-TPD-M-PO	
		2⅝	DELRIN	3/4	1-3/16	450	W-108-TPD-M-PO	A100CS, A100SS
			DELRIN	3/4	1-3/16	450	W-108-DPD-M-PO	

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WHEELS

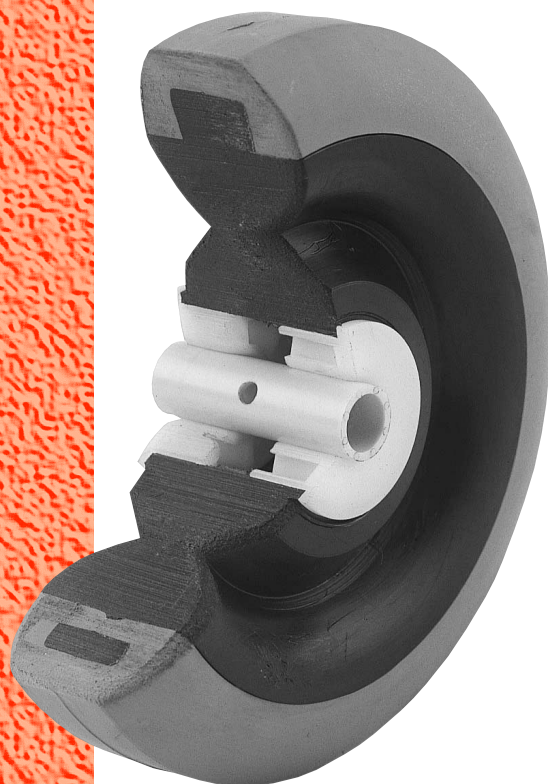
EXTRA-SOFT THERMOPLASTIC RUBBER

Polyolefin Core

Load Capacity: 100 to 300 lbs.

Quality Features

- Absorbs shock and vibration.
- Good grease, oil, and chemical resistance.
- Excellent floor protection.
- Will not crack or become brittle or sticky.
- Non-marking.



Extra-soft (55A) thermoplastic rubber tread is extremely resilient, economical, and will absorb shock while providing a smooth, quiet ride. Tread and core are mechanically bonded to prevent separation. Gray tread is non-marking, non-staining, and will not crack or become brittle.

TEMPERATURE RANGE:

-45° to +180°F

HARDNESS DUROMETER:

55 Shore A

COLOR:

Non-marking gray.

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FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■	■	■			■	

Bearing Selection

DELRIN



MACHINED BALL



ROLLER



EXTRA-SOFT THERMOPLASTIC RUBBER

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
2½	1⅜	1½	DELRIN	1/2	1-1/8	125	W-62 1/2-DPD-M-PO-55	60, 60SS
		1⅝	BALL	3/8	1-1/8	125	W-62 1/2-XPD-M-PO-55	60
3	1	1⅙	BALL	5/16	7/8	100	W-53-XPD-M-PO-55	50
		PLAIN	5/16	5/16	100	W-53-BPD-M-PO-55	50, 50SS	
	1⅜	1½	DELRIN	1/2	1-1/8	150	W-63-DPD-M-PO-55	60, 60SS
		1⅝	BALL	3/8	1-1/8	150	W-63-XPD-M-PO-55	60
3½	1⅜	1½	DELRIN	1/2	1-1/8	160	W-63 1/2-DPD-M-PO-55	60, 90, 60SS, 90SS
		1⅝	BALL	3/8	1-1/8	160	W-63 1/2-XPD-M-PO-55	60, 90
4	1	1⅙	BALL	5/16	7/8	110	W-54-XPD-M-PO-55	50
		PLAIN	5/16	5/16	110	W-54-BPD-M-PO-55	50, 50SS	
	1⅜	1½	DELRIN	1/2	1-1/8	170	W-64-DPD-M-PO-55	60, 90, 60SS, 90SS
		1⅝	BALL	3/8	1-1/8	170	W-64-XPD-M-PO-55	60, 90
	1½	1⅝	DELRIN	5/8	1-3/16	185	W-74-DPD-M-PO-55	70
			ROLLER	5/8	1-3/16	185	W-74-TPD-M-PO-55	
	2	2⅜	DELRIN	3/4	1-3/16	200	W-84-DPD-M-PO-55	20, 80
			ROLLER	3/4	1-3/16	200	W-104-TPD-M-PO-55	A100CS, A100SS
2⅝		DELRIN	3/4	1-3/16	200	W-84-TPD-M-PO-55	20, 80	
		DELRIN	3/4	1-3/16	200	W-104-DPD-M-PO-55	A100CS, A100SS	
5	1	1⅙	BALL	5/16	7/8	120	W-55-XPD-M-PO-55	50
		PLAIN	5/16	5/16	120	W-55-BPD-M-PO-55	50, 50SS	
	1⅜	1½	DELRIN	1/2	1-1/8	180	W-65-DPD-M-PO-55	60, 90, 60SS, 90SS
		1⅝	BALL	3/8	1-1/8	180	W-65-XPD-M-PO-55	60, 90
	1½	1⅝	DELRIN	1/2	1-1/8	190	W-75-DPD-M-PO-55	70
			ROLLER	5/8	1-3/16	195	W-75-TPD-M-PO-55	
	2	2⅜	DELRIN	3/4	1-3/16	225	W-85-DPD-M-PO-55	20, 80
			ROLLER	3/4	1-3/16	225	W-105-TPD-M-PO-55	A100CS, A100SS
2⅝		DELRIN	3/4	1-3/16	225	W-85-TPD-M-PO-55	20, 80	
		DELRIN	3/4	1-3/16	225	W-105-DPD-M-PO-55	A100CS, A100SS	
6	1⅜	1½	DELRIN	1/2	1-1/8	190	W-66-DPD-M-PO-55	60, 60SS
		1⅝	BALL	3/8	1-1/8	190	W-66-XPD-M-PO-55	60
	1½	1⅝	DELRIN	1/2	1-1/8	225	W-76-DPD-M-PO-55	70
			ROLLER	5/8	1-3/16	230	W-76-TPD-M-PO-55	
	2	2⅜	DELRIN	3/4	1-3/16	250	W-86-DPD-M-PO-55	80
			ROLLER	3/4	1-3/16	250	W-86-TPD-M-PO-55	A100CS, A100SS
		2⅝	DELRIN	3/4	1-3/16	250	W-86-TPD-M-PO-55	80
			DELRIN	3/4	1-3/16	250	W-106-DPD-M-PO-55	A100CS, A100SS
8	2	2⅜	DELRIN	3/4	1-3/16	300	W-88-DPD-M-PO-55	80
			ROLLER	3/4	1-3/16	300	W-108-TPD-M-PO-55	A100CS, A100SS
		2⅝	DELRIN	3/4	1-3/16	300	W-88-TPD-M-PO-55	80
			DELRIN	3/4	1-3/16	300	W-108-DPD-M-PO-55	A100CS, A100SS

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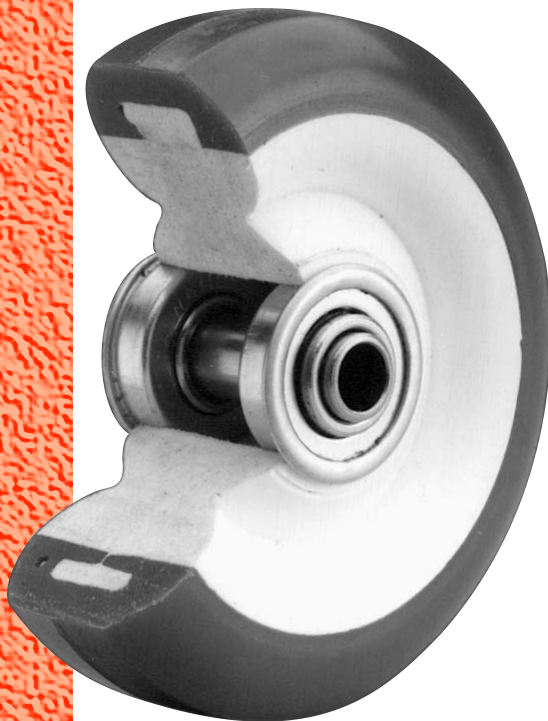
WHEELS

MOLD-ON POLYURETHANE Polyolefin Core

Load Capacity: 200 to 1,000 lbs.

Quality Features

- High load capacity.
- Good grease, oil, and chemical resistance.
- Floor protection.
- Will not chip, crack or become brittle.
- Non-marking.



Red Polyurethane tread is mechanically bonded to a high-strength polypropylene hub. Offers excellent wear resistance with minimum rolling effort. This sanitary wheel resists acids, oils, solvents, and most chemicals. Provides high load capacity, good floor protection at an economical price.

TEMPERATURE RANGE:

-45° to +180°F

HARDNESS DUROMETER:

85-95 Shore A

COLOR:

Non-marking red on either white or black core.

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DARNELL-ROSE
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FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■	■	■					■	

Bearing Selection

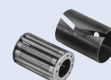
DELTRIN



MACHINED BALL



ROLLER



MOLD-ON POLYURETHANE

Polypropylene Core

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In	
2½	1¾	1½	DELTRIN	1/2	1-1/8	300	W-62 1/2-DADI-M-PO	60, 60SS	
		1⅝	BALL	3/8	1-1/8	300	W-62 1/2-XADI-M-PO	60	
3	1	1⅙	BALL	5/16	7/8	200	W-53-XADI-M-PO	50	
			PLAIN	5/16	5/16	200	W-53-BADI-M-PO	50, 50SS	
	1¾	1½	DELTRIN	1/2	1-1/8	300	W-63-DADI-M-PO	60, 60SS	
		1⅝	BALL	3/8	1-1/8	300	W-63-XADI-M-PO	60	
3½	1¾	1½	DELTRIN	1/2	1-1/8	360	W-63 1/2-DADI-M-PO	60, 90, 60SS, 90SS	
		1⅝	BALL	3/8	1-1/8	360	W-63 1/2-XADI-M-PO	60, 90	
4	1	1⅙	BALL	5/16	7/8	225	W-54-XADI-M-PO	50	
			PLAIN	5/16	5/16	225	W-54-BADI-M-PO	50, 50SS	
	1¾	1½	DELTRIN	1/2	1-1/8	400	W-64-DADI-M-PO	60, 90, 60SS, 90SS	
		1⅝	BALL	3/8	1-1/8	400	W-64-XADI-M-PO	60, 90	
	1½	1⅝	DELTRIN	1/2	1-1/8	500	W-74-DADI-M-PO	70	
			ROLLER	5/8	1-3/16	500	W-74-TADI-M-PO		
		2	2⅙	DELTRIN	3/4	1-3/16	600	W-84-DADI-M-PO	20, 80
				ROLLER	3/4	1-3/16	750	W-104-TADI-M-PO	A100CS, A100SS
5	1	1⅙	BALL	5/16	7/8	200	W-55-XADI-M-PO	50	
			PLAIN	5/16	5/16	200	W-55-BADI-M-PO	50, 50SS	
	1¾	1½	DELTRIN	1/2	1-1/8	400	W-65-DADI-M-PO	60, 90, 60SS, 90SS	
		1⅝	BALL	3/8	1-1/8	400	W-65-XADI-M-PO	60	
	1½	1⅝	DELTRIN	1/2	1-1/8	600	W-75-DADI-M-PO	70	
			ROLLER	5/8	1-3/16	600	W-75-TADI-M-PO		
		2	2⅙	DELTRIN	3/4	1-3/16	850	W-85-DADI-M-PO	20, 80
				ROLLER	3/4	1-3/16	1000	W-105-TADI-M-PO	A100CS, A100SS
	6	1¾	1½	DELTRIN	1/2	1-1/8	400	W-66-DADI-M-PO	60
			1⅝	BALL	3/8	1-1/8	400	W-66-XADI-M-PO	
1½		1⅝	DELTRIN	1/2	1-1/8	600	W-76-DADI-M-PO	70	
			ROLLER	5/8	1-3/16	600	W-76-TADI-M-PO		
2		2⅙	DELTRIN	3/4	1-3/16	900	W-86-DADI-M-PO	80	
			ROLLER	3/4	1-3/16	1000	W-106-TADI-M-PO	A100CS, A100SS	
8	2	2⅙	DELTRIN	3/4	1-3/16	1000	W-88-DADI-M-PO	80	
			ROLLER	3/4	1-3/16	1000	W-108-TADI-M-PO	A100CS, A100SS	
		2⅝	DELTRIN	3/4	1-3/16	1000	W-88-TADI-M-PO	80	
			DELTRIN	3/4	1-3/16	1000	W-108-DADI-M-PO	A100CS, A100SS	

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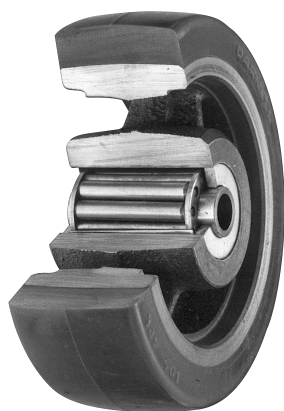
WHEELS

Premium grade polyurethane tread is accurately cast and chemically bonded onto a high-grade cast iron core. All cores are machined and degreased then carefully prepped to assure a strong permanent bond.

Particularly recommended for heavy loads and rough floor conditions. Mold-on Polyurethane wheels are resistant to a wide range of chemicals, oils, and solvents making these the best wheels for extremely rugged applications. Many of these heavy-duty polyurethane wheels are expertly crafted at our plant in Detroit, Michigan.

MOLD-ON POLYURETHANE

Cast Iron Hub



Load Capacity: 200 to 10,000 lbs.

Load capabilities are based on intermittent use at speeds not in excess of 6 mph.

Quality Features

- High load capacity.
- Excellent grease, oil, and chemical resistance.
- Good floor protection.
- High impact strength.
- Non-marking.

SPECIFICATIONS

TEMPERATURE RANGE:
-50° to +200°F

HARDNESS DUROMETER:
90-92 Shore A

COLOR:
Non-marking brown tread on either natural or blue painted core.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
	■		■		■		■	■	

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
2	1	1½	BALL	5/16	1-1/8	200	W-52-XADI-M-CI	50
2½	7/8	63/64	BALL	3/8	29/32	200	W-32 1/2-XADI-M-CI	30
	1¼	1½	BALL	3/8	1-3/16	400	W-62 1/2-XADI-M-CI	60
3	1¼	1½	BALL	3/8	1-3/16	400	W-63-XADI-M-CI	60
			PLAIN	1/2	-	400	W-63-BADI-M-CI	
	1¾	1¾	BALL	3/8	1-3/16	600	W-73-XADI-M-CI	70
			ROLLER	5/8	1-1/16	600	W-73-TADI-M-CI	
17/8	2¼	ROLLER	5/8	1-3/16	800	W-103-TADI-M-CI	20, 80	
3½	1¼	1½	BALL	3/8	1-3/16	400	W-63 1/2-XADI-M-CI	60
4	1¾	1¾	ROLLER	5/8	1-1/16	600	W-74-TADI-M-CI	70
	17/8	2¼	ROLLER	5/8	1-3/16	800	W-104-TADI-M-CI	20, 80
	2	2¼	ROLLER	3/4	1-3/16	580	342-PS	A100, 400, R600

Bearing Selection

MACHINED BALL



ROLLER



TAPERED ROLLER CUP AND CONE



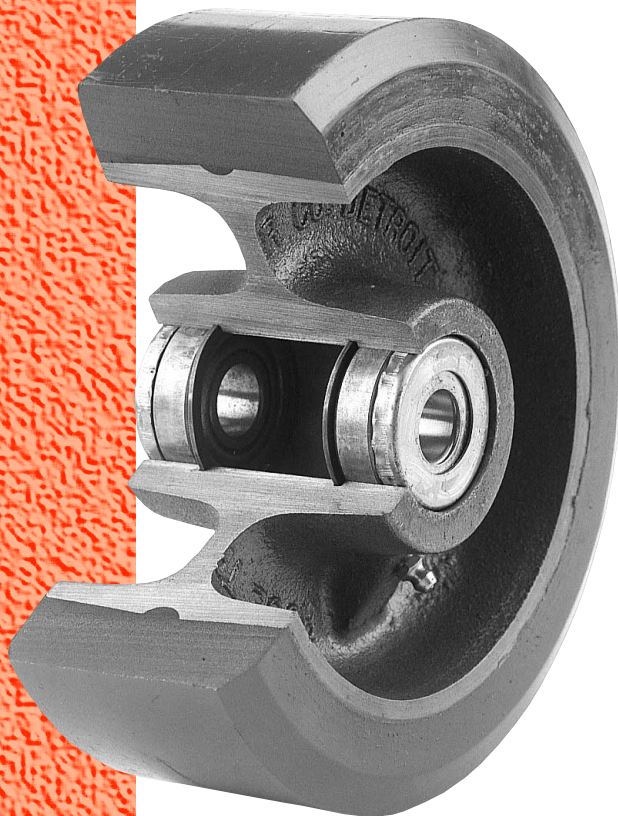
MOLD-ON POLYURETHANE *Cast Iron Hub*

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In	
5	1³/₈	1¹/₄	ROLLER	5/8	1-1/16	600	W-75-TADI-M-CI	70	
	1³/₄	2¹/₄	ROLLER	5/8	1-3/16	800	W-105-TADI-M-CI	20, 80, 4L	
			TAPERED ROLLER	9/16	1-3/8	800	W-105-YADI-M-CI		
2	2¹/₄	2¹/₄	ROLLER	3/4	1-3/16	700	352-PS	A100CS, 400, R600	
6	1¹/₄	1¹/₂	BALL	3/8	1-3/16	400	W-66-XADI-M-CI	60	
	1¹/₂	1³/₄	ROLLER	5/8	1-1/16	560	W-76-TADI-M-CI	70	
	1⁷/₈	2¹/₄	ROLLER	5/8	1-3/16	800	W-106-TADI-M-CI	80, 4L	
	2	2¹/₄	ROLLER	ROLLER	3/4	1-3/16	1000	362-PS	A100CS, 400, R600
		2⁷/₈			1	1-3/4	1500	665-PS	R600
	2³/₁₆	2¹³/₁₆	ROLLER	ROLLER	3/4	1-3/16	1100	W-606-TADI-M-CI	R600, 4L
			TAPERED ROLLER	TAPERED ROLLER	3/4	1-5/8	1100	W-606-YADI-M-CI	
	2¹/₂	2³/₄	ROLLER	ROLLER	1	1-9/16	1650	669-PS	R600
			TAPERED ROLLER	TAPERED ROLLER	3/4	1-25/32	1650	100-6-PS	R100, 650
2³/₄	3¹/₄	ROLLER	ROLLER	1-1/4	2-1/16	3500	W-4006-TADI-M-CI	4500, 5200	
		TAPERED ROLLER	TAPERED ROLLER	1-1/4	2-21/64	3500	W-4006-YADI-M-CI		
3	3¹/₄	ROLLER	ROLLER	1	1-9/16	2000	551-6-PS	550	
		TAPERED ROLLER	TAPERED ROLLER	3/4	1-25/32	2000	100-63-PS	R100, R110	
8	2	2¹/₄	ROLLER	5/8	1-3/16	1000	W-88-TADI-M-CI	80, 4L	
			TAPERED ROLLER	3/4	1-3/16	1350	382-PS	A100CS, 400	
			TAPERED ROLLER	19/32	1-3/8	1000	W-88-YADI-M-CI	80, 4L	
			TAPERED ROLLER	3/4	1-25/32	1600	698-PS	—	
	2¹/₂	2³/₄	ROLLER	ROLLER	1	1-9/16	2000	504-8-PS	500
			TAPERED ROLLER	TAPERED ROLLER	3/4	1-25/32	2000	655-8-PS	650
			ROLLER	ROLLER	3/4	1-3/16	1400	W-608-TADI-M-CI	D600, 4L
			TAPERED ROLLER	TAPERED ROLLER	3/4	1-5/8	1400	W-608-YADI-M-CI	
	2³/₄	3¹/₄	ROLLER	ROLLER	1-1/4	2-1/16	2000	W-4008-TADI-M-CI	4500, 5200
			TAPERED ROLLER	TAPERED ROLLER	1-1/4	2-21/64	2000	W-4008-YADI-M-CI	
	3	3¹/₄	ROLLER	ROLLER	3/4	1-13/16	2500	887-PS	800
			TAPERED ROLLER	TAPERED ROLLER	1	1-13/16	2500	555-8-PS	550, 800
TAPERED ROLLER			TAPERED ROLLER	3/4	1-25/32	2500	100-7-PS	R100, R110	
TAPERED ROLLER			TAPERED ROLLER	3/4	1-25/32	2500	100-8-PS		
10	2	2¹/₄	ROLLER	3/4	1-3/16	1700	4102-PS	400, R600	
	2¹/₂	2³/₄	ROLLER	1	1-9/16	2000	507-10-PS	500	
			TAPERED ROLLER	3/4	1-25/32	2000	656-10-PS	650	
	2³/₄	3¹/₄	ROLLER	ROLLER	1-1/4	2-1/16	2000	W-4010-TADI-M-CI	4500, 5200
			TAPERED ROLLER	TAPERED ROLLER	1-1/4	2-21/64	2000	W-4010-YADI-M-CI	4500, 5200
	3	3¹/₄	ROLLER	ROLLER	1	1-13/16	2600	557-10-PS	550, 800
			TAPERED ROLLER	TAPERED ROLLER	1	1-13/16	2600	8139-PS	800
			TAPERED ROLLER	TAPERED ROLLER	1-1/4	2-7/16	3000	120-10-PS	R120
			TAPERED ROLLER	TAPERED ROLLER	3/4	1-25/32	2600	100-10-PS	R100, R110
TAPERED ROLLER			TAPERED ROLLER	3/4	1-25/32	2600	100-9-PS	R100, R110	
4	4¹/₄	TAPERED ROLLER	TAPERED ROLLER	1-1/4	2-7/16	4200	110-104-PS	R110, R120	
	4¹/₂		TAPERED ROLLER	1-1/4	2-21/64	4000	W-10X4-YADI-M-CI	-	
5	5¹/₂	TAPERED ROLLER	TAPERED ROLLER	1-1/4	2-21/64	10,000	10X5-YADI	5100	
11	5	5¹/₄	TAPERED ROLLER	1-1/4	2-7/16	4500	127-110-PS	R120	
12	2³/₄	3¹/₄	ROLLER	1-1/4	2-1/16	2000	W-4012-TADI-M-CI	4500, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	2000	W-4012-YADI-M-CI	4500, 5200	
	3	3¹/₄	TAPERED ROLLER	1-1/4	2-21/64	3500	100-12-PS	R100, R110	
	4	4¹/₄	TAPERED ROLLER	TAPERED ROLLER	1-1/4	2-7/16	4800	130-12-PS	R120
4¹/₂		TAPERED ROLLER		1-1/4	2-21/64	4500	W-12X4-YADI-M-CI	-	
16	4	4¹/₂	TAPERED ROLLER	1-1/4	2-21/64	6000	W-16X4-YADI-M-CI	-	
	5	5¹/₄	TAPERED ROLLER	1-1/4	2-21/64	7500	4016-YADI-M-CI	4500 WORKSTAND, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	8500	4018-YADI-M-CI	4500 WORKSTAND, 5200	
20	5	5¹/₄	TAPERED ROLLER	2	2-21/64	10,000	4018-YADI-M-CI-10K	8000	
20	5	5¹/₄	TAPERED ROLLER	2	2-21/64	10,000	4020-YADI-M-CI-10K	8000	

WHEELS

MOLD-ON SOFT POLYURETHANE

Cast Iron Hub



Load Capacity: 480 to 4,080 lbs.

Load capabilities are based on intermittent use at speeds not in excess of 3 mph.

Quality Features

- Significant noise reduction.
- Excellent grease, oil, and chemical resistance.
- Faster flat spot recovery.
- Excellent floor protection.
- High impact strength.
- Non-marking.

Wheel tread compounded from soft, premium grade polyurethane that is accurately cast then chemically bonded onto a cast iron core. All cores are machined and degreased then carefully prepped to assure a strong permanent bond. Particularly recommended for heavy loads and rough floor conditions. Soft polyurethane wheels resist a wide range of chemicals, oils, and solvents. All soft polyurethane wheels are expertly crafted at our plant in Detroit, Michigan.

TEMPERATURE RANGE:
-40°F to 200°F

HARDNESS DUROMETER:
80 Shore A

COLOR:
Red tread on either natural or blue painted core.

130



DARNELL-ROSE
division of Evans Industries, Inc.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
	■		■		■		■	■	

Bearing Selection

ROLLER



TAPERED ROLLER CUP AND CONE



MOLD-ON SOFT POLYURETHANE

Cast Iron Hub

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In
4	2	2¼	ROLLER	¾	1-3/16	480	342-PS8	A100CS, 400, R600
5	2	2¼	ROLLER	¾	1-3/16	550	352-PS8	A100CS, 400, R600
6	2	2¼	ROLLER	¾	1-3/16	600	362-PS8	A100CS, 400, R600
		2⅝		1	1-3/4	600	665-PS8	R600
	2½	2¾	ROLLER	1	1-9/16	960	669-PS8	
			TAPERED ROLLER	¾	1-25/32	960	100-6-PS8	R100, 650
			ROLLER	1	1-9/16	1080	551-6-PS8	550
8	2	2¼	ROLLER	¾	1-3/16	1560	382-PS8	A100CS, 400
			TAPERED ROLLER	¾	1-25/32	1560	698-PS8	—
	2½	2¾	ROLLER	1	1-9/16	1800	504-8-PS8	500
			TAPERED ROLLER	¾	1-25/32	1800	655-8-PS8	650
	3	3¾	ROLLER	1	1-13/16	2050	555-8-PS8	550, 800
			TAPERED ROLLER	¾	1-25/32	2050	887-PS8	800
			ROLLER	¾	1-13/16	2050	100-7-PS8	R100, R110
			TAPERED ROLLER	¾	1-25/32	2050	100-8-PS8	
10	2	2¼	ROLLER	¾	1-3/16	1680	4102-PS8	400, R600
			ROLLER	1	1-9/16	2160	507-10-PS8	500
	2½	2¾	TAPERED ROLLER	¾	1-25/32	2160	656-10-PS8	650
			ROLLER	1	1-13/16	2400	557-10-PS8	550, 800
			ROLLER	1	1-13/16	2400	8139-PS8	800
			TAPERED ROLLER	1-1/4	2-7/16	2400	120-10-PS8	R120
			TAPERED ROLLER	¾	1-25/32	2400	100-10-PS8	R100, R110
			TAPERED ROLLER	¾	1-25/32	2400	100-9-PS8	
			4	4¼	TAPERED ROLLER	1-1/4	2-7/16	3120
11	5	5¼	TAPERED ROLLER	1-1/4	2-7/16	4080	127-110-PS8	R120
12	3	3¾	TAPERED ROLLER	1-1/4	2-21/64	2760	100-12-PS8	R100, R110
	4	4¼	TAPERED ROLLER	1-1/4	2-7/16	3600	130-12-PS8	R120

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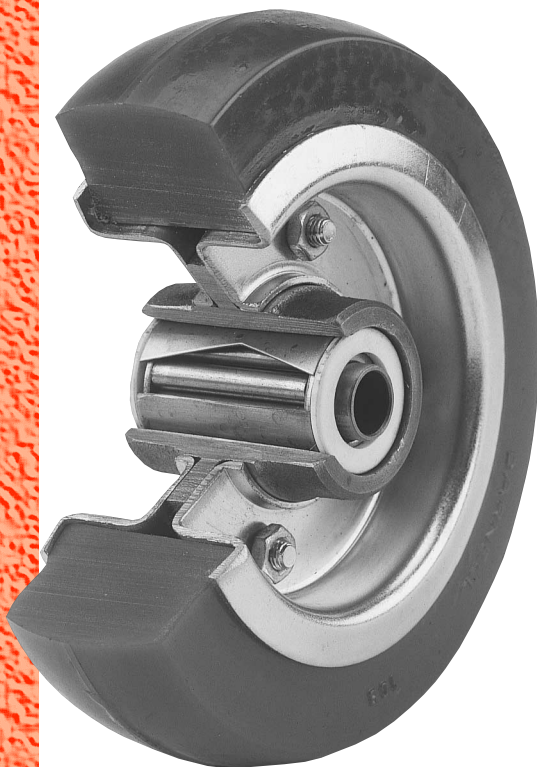
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 INSTITUTE OF CASTER MANUFACTURERS



WHEELS

STEEL DISC POLYURETHANE

Load Capacity: 350 to 800 lbs.



Quality Features

- High load capacity.
- Low rolling resistance.
- Grease, oil, and chemical resistance.
- Worn tires can be replaced.
- Quiet operation.
- Good floor protection.

Demountable Polyurethane tire is held firmly in place between two bright zinc plated steel discs which are securely bolted together. Bearings are mounted to provide quiet operation and smooth effortless ride. High-grade polyurethane tires provide excellent wear resistance on any surface while resisting oil, grease, and most chemicals. All steel disc Polyurethane wheels are expertly handcrafted at our factory in City of Industry, California.



ESD

Available in Static Dissipative compound (between 10^5 - 10^{10} Ohms surface resistance) for good protection against electrostatic discharge (ESD).

TEMPERATURE RANGE:

-50° to +180°F

HARDNESS DUROMETER:

90-92 Shore A

COLOR:

Brown tread on bright zinc plated discs..



FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
	■		■	■			■	■	

Bearing Selection










MACHINED BALL



ROLLER



STEEL DISC POLYURETHANE

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
								
3½	1	1½	BALL	3/8	—	350	W-63 1/2-XADI-T-SD	60
4	1¼	1½	BALL	3/8	—	350	W-64-XADI-T-SD	60
		1¾		3/8	—	450	W-74-XADI-T-SD	70
5	1¾	1½	BALL	3/8	—	350	W-65-XADI-T-SD	60
		1¾		3/8	—	450	W-75-XADI-T-SD	70
	1⅞	2¼	ROLLER	5/8	1-3/16	550	W-105-TADI-T-SD	80, 4L0
		2⅜		2⅜	3/4	1-3/16	800	W-605-TADI-T-SD
6	1¼	1½	BALL	3/8	1-3/16	350	W-66-XADI-T-SD	60
	1⅞	2¼	ROLLER	5/8	1-3/16	550	W-106-TADI-T-SD	80, 4L0
		2⅜		2⅜	3/4	1-3/16	800	W-606-TADI-T-SD
8	1⅜	2¼	BALL	5/8	—	500	W-1008-XADI-T-SD	4L0
	1¾	2¼	ROLLER	1-1/4	2-1/16	700	W-1A08-TBADI-T-SD	4LA, D600
		2⅜		2⅜	3/4	1-7/16	700	
10	1¾	2½	BALL	5/8	—	550	W-1010-XADI-T-SD	—
	2	2¾	ROLLER	1-1/4	2-1/16	800	W-1A10-TBADI-T-SD	
12	2	2¾	ROLLER*	1-1/4	2-1/16	800	W-1A12-TBADI-T-SD	—

Members of:



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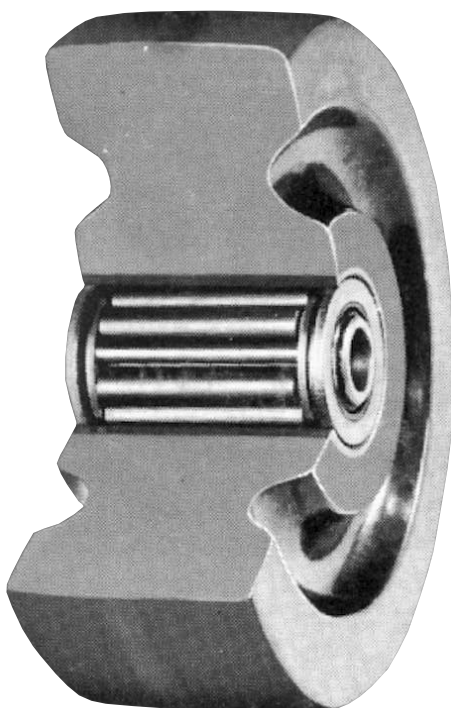
NATIONAL SANITATION
FOUNDATION



WHEELS

PHENOLIC

Load Capacity: 400 to 8,000 lbs.



Quality Features

- Economical.
- High load capacity.
- Low rolling resistance.
- Wide temperature range.
- Grease, oil, and chemical resistance.

Phenolic wheels have high compressive strength and impact resistance. Not affected by most chemicals and will withstand temperatures up to 275°F. High temperature wheel is available up to 475°F.

Phenolic wheels offer a good value for many general and heavy-duty applications.



TEMPERATURE RANGE:
-65° to 275°F
high temp to +475°F

HARDNESS DUROMETER:
102 Rockwell E

COLOR:
Non-marking black.

FLOOR MATERIALS & SURFACE CONDITIONS

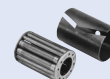
Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
	■		■			■	■	■	

Bearing Selection

MACHINED BALL



ROLLER

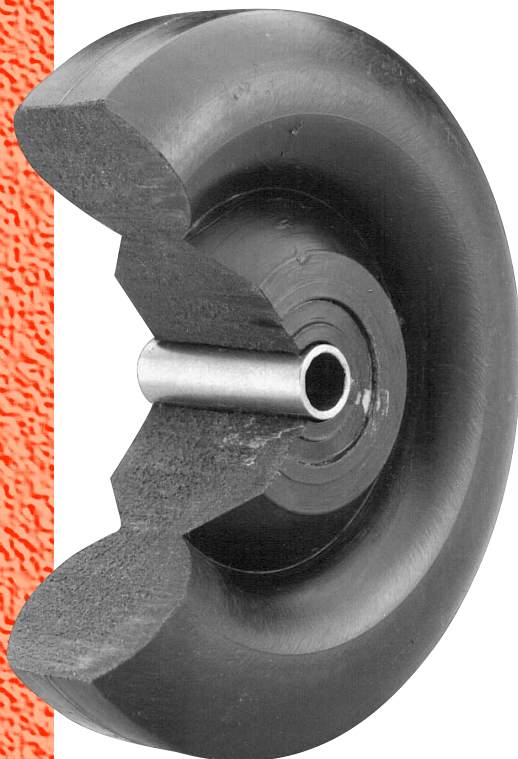


PHENOLIC

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In	
3	1¼	1½	ROLLER	5/8	1-1/16	400	W-63-TPR	60, 60SS	
	1½	1¾		5/8	1-1/16	500	W-73-TPR	70	
	2	2¼		5/8	1-3/16	600	W-83-TPR	80	
3¼	2	2⅜	ROLLER	3/4	1-3/16	700	W-332-PR	400	
		2¼		5/8	1-3/16	600	W-103-TPR	20, 400	
3½	1¼	1½	ROLLER	5/8	1-1/16	400	W-63 1/2-TPR	60, 90, 60SS, 90SS	
4	1¼	1½	ROLLER	5/8	1-1/16	400	W-64-TPR	60, 90, 60SS, 90SS	
	1½	1¾	ROLLER	5/8	1-1/16	600	W-74-TPR	70	
	2	2⅜	ROLLER	3/4	1-3/16	1000	W-342-PR	400	
		2¼	ROLLER	3/4	1-3/16	800	W-342-PR		
			ROLLER	5/8	1-3/16	800	W-104-TPR	20, 80, A100, A100SS, 400	
5	1¼	1½	ROLLER	5/8	1-1/16	400	W-65-TPR	60, 90, 60SS, 90SS	
	1½	1¾	ROLLER	5/8	1-1/16	600	W-75-TPR	70	
	2	2⅜	ROLLER	3/4	1-3/16	1000	W-352-PR	400	
			ROLLER	3/4	1-3/16	1200	W-352-PR		
		2¼	ROLLER	5/8	1-3/16	1000	W-105-TPR	20, 80, 4L0, A100, A100SS, 400	
6	1½	1¾	ROLLER	5/8	1-1/16	800	W-76-TPR	70	
	1⅞	2¼	ROLLER	5/8	1-3/16	1200	W-106-TPR	80, 4L, A100, A100SS, 400	
	2	2⅜	ROLLER	3/4	1-3/16	1200	W-362-PR	400	
				3/4	1-3/16	1500	W-362-PR		
	2½	2⅜	ROLLER	3/4	1-3/16	1600	W-606-TPR	D600, 4L	
	2¾	3¼	ROLLER	1-1/4	2-1/16	1600	W-4006-TPR	550, 4500, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	1600	W-4006-YPR	R100, 650, 4500, 5200	
	3	3¼	ROLLER	1	1-15/16	2000	W-551-6-PR	550	
1-1/4				2-1/16	2000	W-4006-TPR-3	550, 4500, 5200		
1-1/4				2-21/64	2000	W-4006-YPR-3	R100, R110, 4500, 5200		
			TAPERED ROLLER	3/4	1-25/32	2000	W-100-63-PR	R100, R110	
8	2	2⅜	ROLLER	3/4	1-3/16	1400	W-382-PR	400	
		2¼	ROLLER	3/4	1-3/16	1500	W-382-PR	400	
				5/8	1-3/16	1400	W-88-TPR	80, 4L, 400	
	2½	2⅜	ROLLER	3/4	1-3/16	2000	W-608-TPR	D600, 4L	
		3¼	ROLLER	1	1-15/16	2000	W-504-8-PR	500	
			3¼	TAPERED ROLLER	3/4	1-25/32	2000	W-655-8-PR	650
	2¾	3¼	ROLLER	1-1/4	2-1/16	2000	W-4008-TPR	500, 4500, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	2000	W-4008-YPR	650, 4500, 5200	
ROLLER			1	1-15/16	2500	W-554-8-PR	550, 800		
3	3¼	ROLLER	1-1/4	2-1/16	2500	W-4008-TPR-3	550, 4500, 5200		
		TAPERED ROLLER	1-1/4	2-21/64	2500	W-4008-YPR-3	R100, R110, R120, 4500, 5200		
			TAPERED ROLLER	1-1/4	2-7/16	2500	W-100-8-PR	R100, R110, R120	
10	2½	3¼	ROLLER	1	1-15/16	2500	W-507-10-PR	500	
			TAPERED ROLLER	3/4	1-25/32	2000	W-655-8-PR	650	
	2¾	3¼	ROLLER	1-1/4	2-1/16	2500	W-4010-TPR	500, 4500, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	2500	W-4010-YPR	650, 4500, 5200	
	3	3¼	ROLLER	1	1-15/16	2900	W-557-10-PR	550, 800	
			TAPERED ROLLER	1-1/4	2-1/16	2900	W-4010-TPR-3	550, 4500, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	2900	W-4010-YPR-3	R100, R110, R120, 4500, 5200	
				1-1/4	2-7/16	2900	W-100-10-PR	R100, R110, R120	
12	2½	3¼	ROLLER	1-1/4	2-1/16	3000	W-4012-TPR	4500, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	3000	W-4012-YPR		
	3	3¼	ROLLER	1-1/4	2-1/16	3500	W-4012-TPR-3	R100, R110, 4500, 5200	
			TAPERED ROLLER	1-1/4	2-21/64	3500	W-4012-YPR-3	4500, 5200	
			3½	TAPERED ROLLER	1-1/4	2-7/16	3500	W-100-12-PR	R100, R110
	4	4¼	TAPERED ROLLER	1-1/4	2-7/16	8000	W-130-12-PR	R120	

WHEELS

POLYOLEFIN



Load Capacity: 150 to 900 lbs.

Quality Features

- Economical.
- Impact resistant.
- Low rolling resistance.
- Grease, oil, and chemical resistance.

These economical, impact resistant, hard plastic wheels offer low rolling resistance and good performance in wet conditions. Not affected by most oils, grease, or cleaning solvents, and will not mark floors. Solid high-grade material will not chip or crack under severe impact. Available in black (standard) or sanitary white colors.



TEMPERATURE RANGE:

-45° to 200°F
high temp to +550°F

HARDNESS DUROMETER:

85-95 Shore D

COLOR:

Non-marking black or sanitary white.

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DARNELL-ROSE
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FLOOR MATERIALS & SURFACE CONDITIONS

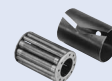
Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
■	■			■				■	

Bearing Selection










MACHINED BALL



ROLLER



POLYOLEFIN

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In	
									
2	7/8	1 1/16	PLAIN	5/16	5/16	150	W-52-BPO	50	
2 1/2	1 3/8	1 1/2	PLAIN	1/2	1/2	225	W-62 1/2-BPO	60, 60SS	
		1 5/8	BALL	3/8	1-1/8	300	W-62 1/2-XPO	60	
3	1	1 3/16	PLAIN	5/16	5/16	200	W-53-BPO	50, 50SS	
		1 3/8	1 1/2	PLAIN	1/2	1/2	240	W-63-BPO	60, 60SS
			1 5/8	BALL	3/8	1-1/8	300	W-63-XPO	60
	1 13/16	1 7/8	ROLLER	5/8	1-3/16	500	W-83-TPO	80	
3 1/2	1 3/8	1 1/2	PLAIN	1/2	1/2	265	W-63 1/2-BPO	60, 90, 60SS, 90SS	
		1 5/8	BALL	3/8	1-1/8	300	W-63 1/2-XPO	60, 90	
4	1	1 3/16	PLAIN	5/16	5/16	200	W-54-BPO	50, 50SS	
		1 3/8	1 1/2	PLAIN	1/2	1/2	265	W-64-BPO	60, 90, 60SS, 90SS
			1 5/8	BALL	3/8	1-1/8	400	W-64-XPO	60, 90
	1 1/2	1 5/8	PLAIN	1/2	1/2	375	W-74-BPO	70	
			ROLLER	5/8	1-3/16	450	W-74-TPO		
		2	2 3/16	PLAIN	3/4	3/4	550	W-104-BPO	A100, A100SS
		ROLLER	3/4	1-3/16	700	W-104-TPO	20, 80		
			5/8	1-3/16	700	W-84-TPO			
5	1	1 3/16	PLAIN	5/16	5/16	200	W-55-BPO	50, 50SS	
		1 3/8	1 1/2	PLAIN	1/2	1/2	265	W-65-BPO	60, 90, 60SS, 90SS
			1 5/8	BALL	3/8	1-1/8	400	W-65-XPO	60, 90
	1 1/2	1 5/8	PLAIN	1/2	1/2	540	W-75-BPO	70	
			ROLLER	5/8	1-3/16	600	W-75-TPO		
		2	2 3/16	PLAIN	3/4	3/4	650	W-105-BPO	A100, A100SS
		ROLLER	3/4	1-3/16	800	W-105-TPO	20, 80		
			5/8	1-3/16	800	W-85-TPO			
6	1 3/8	1 1/2	PLAIN	1/2	1/2	265	W-66-BPO	60, 60SS	
		1 5/8	BALL	3/8	1-1/8	400	W-66-XPO	60	
		1 1/2	1 5/8	PLAIN	1/2	1/2	600	W-76-BPO	70
	ROLLER			5/8	1-3/16	600	W-76-TPO		
	2		2 3/16	PLAIN	3/4	3/4	700	W-106-BPO	A100, A100SS
		ROLLER		5/8	1-3/16	800	W-86-TPO	80	
3/4				1-3/16	800	W-106-TPO	A100, A100SS		
8	2	2 3/16	PLAIN	3/4	3/4	900	W-108-BPO	A100CS, A100SS	
			ROLLER	5/8	1-3/16	900	W-88-TPO	80	
				3/4	1-3/16	900	W-108-TPO	A100, A100SS	

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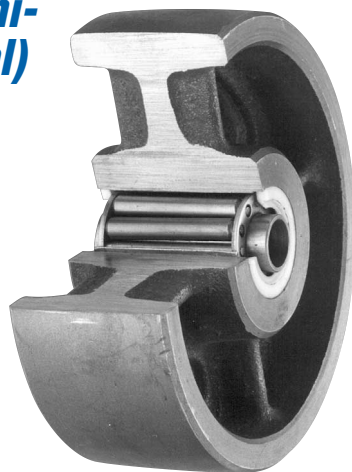


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WHEELS

Made from high-grade iron castings, these wheels provide the highest load capacity per wheel diameter, are easy to roll, and perform extremely well on rough and chip littered floors that could damage other types of wheels. Tread face is machined concentric to bearing bore for smooth, jolt-free operation. Wheels are designed with heavy rims and extra thick cross sections for maximum strength, high capacity, and long service life.

CAST IRON (Semi-Steel)



Load Capacity: 125 to 5,000 lbs.

Quality Features

- High load capacity.
- Low rolling resistance.
- High impact.
- Long service life.
- Withstands high temperatures.

SPECIFICATIONS

TEMPERATURE RANGE:
-40 to +800°F

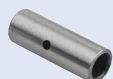
HARDNESS DUROMETER:
100-300 Brinell

COLOR:
Natural or
blue painted finish.

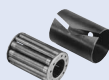
Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In	
2	3/4	7/8	PLAIN	5/16	—	125	W-9-BCI	9	
	1	1 1/8	PLAIN	7/16	—	200	W-52-BCI	50	
2 1/2	1	1 1/8	PLAIN	7/16	—	200	W-52 1/2-BCI	50	
	1 1/4	1 1/2	PLAIN	1/2	—	400	W-62 1/2-BCI	60	
3	7/8	1 1/8	PLAIN	7/16	—	200	W-53-BCI	50	
	1 1/4	1 1/2	PLAIN	1/2	—	400	W-63-BCI	60	
	1 3/8	1 3/8	1 3/4	BALL	3/8	1-1/8	600	W-73-XCI	70
				PLAIN	5/8	—	600	W-73-BCI	70
				ROLLER	5/8	1-1/16	600	W-73-TCI	70
1 7/8	2 1/4	ROLLER	5/8	1-3/16	1000	W-103-TCI	20, 80		
3 1/2	1 1/4	1 1/2	PLAIN	1/2	—	400	W-63 1/2-BCI	60	
4	7/8	1 1/8	PLAIN	7/16	—	200	W-54-BCI	50	
	1 1/4	1 1/2	PLAIN	1/2	—	400	W-64-BCI	60	
	1 3/8	1 3/4	ROLLER	5/8	1-1/16	600	W-74-TCI	70	
	1 3/4	2 1/4	ROLLER	5/8	1-3/16	1000	W-104-TCI	80, 20	
	2	2 1/4	ROLLER	3/4	1-3/16	1000	342-CI	A100CS, 400, R600	

Bearing Selection

PLAIN STEEL BUSHING



ROLLER







TAPERED ROLLER
CUP AND CONE



FLOOR MATERIALS & SURFACE CONDITIONS

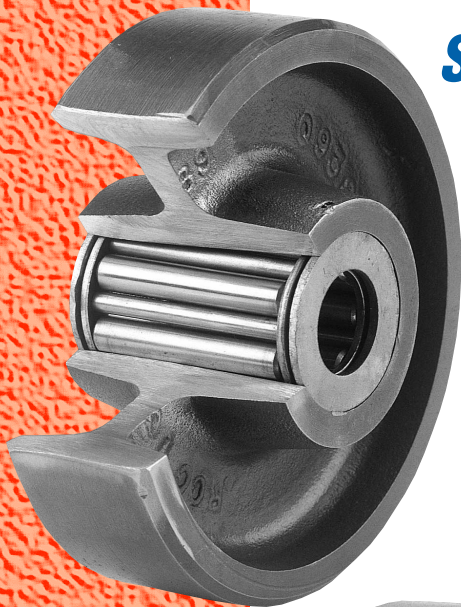
Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
	■		■		■	■		■	■

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity LBS	Part Number	Series Used In
5					—	200	W-55-BCI	50
	1 1/4	1 1/2	BALL	3/8	1-1/8	400	W-65-XCI	60
			PLAIN	5/8	—	400	W-65-BCI	
	1 1/2	1 3/4	ROLLER	5/8	1-1/16	600	W-75-TCI	70
	1 7/8	2 1/4	ROLLER	5/8	1-3/16	1000	W-105-TCI	80, 4L, 20
			TAPERED ROLLER	9/16	1-3/8	1000	W-105-YCI	
	2	2 1/4	ROLLER	3/4	1-3/16	1300	352-CI	A100CS, 400, R600
	2 3/16	2 13/16	ROLLER	3/4	1-3/16	1400	W-605-TCI	D600, 4L
			TAPERED ROLLER	3/4	1-5/8	1400	W-605-YCI	
	2 1/2	2 3/4	ROLLER	1	1-9/16	1800	500-5-CI	500, R600
TAPERED ROLLER			3/4	—	1800	100-5-CI	R100	
5 3/4	2 1/2	ROLLER	1	1-9/16	3000	662-CI	R600	
		TAPERED ROLLER	3/4	—	3000	100-57-CI	R100	
6	1 1/4	1 1/2	BALL	3/8	1-1/8	400	W-66-XCI	60
			PLAIN	1/2	—	400	W-66-BCI	
	1 1/2	1 3/4	PLAIN	9/16	—	600	W-76-BCI	70
			ROLLER	5/8	1-1/16	600	W-76-TCI	
	1 7/8	2 1/4	ROLLER	5/8	1-3/16	1000	W-106-TCI	80, 4L
	2	2 1/4	ROLLER	3/4	1-3/16	1600	362-CI	A100CS, 400, R600
			TAPERED ROLLER	3/4	—	1600	696-CI	
	2 3/16	2 13/16	ROLLER	3/4	1-3/16	1400	W-606-TCI	D600, 4L
			TAPERED ROLLER	3/4	1-5/8	1400	W-606-YCI	
	2 1/2	2 3/4	ROLLER	1	1-9/16	3000	501-6-CI	500, R600
TAPERED ROLLER			3/4	—	3000	100-6-CI	R100, 650	
3	3 1/4	ROLLER	1-1/4	2-1/16	5000	W-4006-TCI	4500, 5200	
		TAPERED ROLLER	1-1/4	2-21/64	5000	W-4006-YCI		
3	3 1/4	ROLLER	1	1-13/16	3100	551-6-CI	550	
		TAPERED ROLLER	3/4	—	3100	100-63-CI	R100	
8	2	2 1/4	ROLLER	3/4	1-3/16	1800	382-CI	A100CS, 400, R600
			ROLLER*	5/8	1-1/16	1500	W-88-TCI	
	2 1/4	2 13/16	ROLLER	1-1/4	2-1/16	2700	W-608-TBCI	D600, 4L
			ROLLER	3/4	1-3/16	2700	W-608-TCI	
	2 1/2	2 3/4	TAPERED ROLLER	3/4	1-5/8	2700	W-608-YCI	500
			ROLLER	1	1-9/16	3100	504-8-CI	
	3	3 1/4	TAPERED ROLLER	3/4	—	3100	655-8-CI	4500, 5200
			ROLLER	1-1/4	2-1/16	5000	W-4008-TCI	
	3	3 1/4	TAPERED ROLLER	1-1/4	2-21/64	5000	W-4008-YCI	4500, 5200
			ROLLER	1-1/4	—	6000	120-8-CI	
4	4 1/4	TAPERED ROLLER	3/4	—	4000	100-8-CI	R100, R110	
		TAPERED ROLLER	1-1/4	—	4000	126-8-CI	R110, R120	
10	2 1/2	2 3/4	ROLLER	1	1-15/16	3300	507-10-CI	500
			TAPERED ROLLER	3/4	—	3300	656-10-CI	650
	2 3/4	3 1/4	ROLLER	1-1/4	2-1/16	5000	W-4010-TCI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	5000	W-4010-YCI	
	3	3 1/4	ROLLER	1	1-13/16	4000	557-10-CI	800
			TAPERED ROLLER	1-1/4	—	6000	120-10-CI	R120, 800
4	4 1/4	TAPERED ROLLER	3/4	—	4000	100-10-CI	R100, R110	
		TAPERED ROLLER	1-1/4	—	4200	126-10-CI	R120	
12	2 3/4	3 1/4	ROLLER	1-1/4	2-1/16	5000	W-4012-TCI	4500, 5200
			TAPERED ROLLER	1-1/4	2-21/64	5000	W-4012-YCI	

WHEELS

HIGH STRENGTH METAL WHEELS

Load Capacity: 2,000 to 10,000 lbs.



DROP FORGED STEEL WHEEL



DUCTILE IRON WHEEL

Quality Features

- High load capacity.
- Low rolling resistance.
- Resists severe impact.
- Long service life.
- Withstands high temperatures.

Virtually indestructible, these wheels are made from the highest-grade drop forged steel for ultimate strength and load carrying capacity. Wheel faces are machined concentric with bearing bore for smooth, even rotation at all times. Heavily sectioned rims and solid web design assure years of trouble free service.

TEMPERATURE RANGE:

Drop Forged: -60 to 800°F
Ductile Iron: -60 to 800°F

HARDNESS DUROMETER:

Drop Forged: 195-200 Brinell
Ductile Iron: 225-265 Brinell

COLOR:

Natural metal finish.

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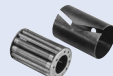
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FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
	■		■		■	■	■	■	■

Bearing Selection

ROLLER



TAPERED ROLLER CUP AND CONE



DROP FORGED STEEL

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
5³/₄	1³/₄	2³/₄	ROLLER	1	1-3/4	3000	663-FS	R600, 800
			TAPERED ROLLER	3/4	1-25/32	3000	695-FS	695
6	2	2³/₄	TAPERED ROLLER	3/4	1-25/32	2000	651-6-FS	650
7	3	3³/₄	TAPERED ROLLER	1-1/4	2-21/64 to 2-7/8	2500	120-7-FS	R120
8	2	3³/₄	TAPERED ROLLER	3/4	1-25/32	3500	110-82-FS	SPECIAL
	3	3³/₄		1-1/4	2-21/64 to 2-7/8		120-8-FS	R120
				3/4	1-25/32	5500	110-8-FS	R110

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MATERIAL HANDLING
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NATIONAL SANITATION
FOUNDATION



WHEELS

Made from 100% type 303 stainless steel bar, these wheels offer the highest degree of sanitation and corrosion protection. Wheels are machined with a hub projection on each side and with a slightly crowned tread face for easy mobility and floor protection.

STAINLESS STEEL

Load Capacity: 200 to 1,000 lbs.



Quality Features

- High corrosion protection.
- Low rolling resistance.
- High impact.
- Long service life.
- Withstands high temperatures.

SPECIFICATIONS

TEMPERATURE RANGE:
-80°F to 800°F

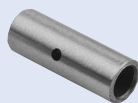
HARDNESS DUROMETER:
145-160 Brinell

COLOR:
Natural stainless steel.

FLOOR MATERIALS & SURFACE CONDITIONS

Linoleum, Vinyl, Composition	Concrete, Brick, Ceramic Tile	Hardwood, Wood Block, Planking	Asphalt, Rough Surfaces	Carpeted Surfaces	Metal Scraps on Floor	Excessive Heat	Excessive Cold	Harsh Chemicals or Moisture	Electrostatic Discharge
	■		■		■	■	■	■	■

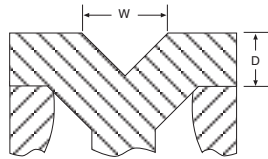
STAINLESS STEEL BUSHING



Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
2	1	1	PLAIN	5/16	7/16	200	W-51-BSS	50
2½	1	1	PLAIN	5/16	7/16	200	W-52 1/2-BSS	50
	1¼	1⅙		3/8	1/2	400	W-62 1/2-BSS	60
3	¾	1	PLAIN	5/16	7/16	200	W-53-BSS	50
	1¼	1⅙		3/8	1/2	400	W-63-BSS	60
3½	7/8	1⅙	PLAIN	3/8	1/2	400	W-63 1/2-BSS	60
4	7/8	1	PLAIN	5/16	7/16	200	W-54-BSS	50
	1¼	1⅙		3/8	1/2	400	W-64-BSS	60
	1½	1⅝		1/2	3/4	600	W-74-BSS	70
	2	2¾		1/2	3/4	1000	W-104-BSS	A100SS
5	7/8	1	PLAIN	5/16	7/16	200	W-55-BSS	50
	1¼	1⅙		3/8	1/2	400	W-65-BSS	60
	1½	1⅝		1/2	3/4	600	W-75-BSS	70
	2	2¾		1/2	3/4	1000	W-105-BSS	A100SS
6	1½	1⅝	PLAIN	1/2	3/4	600	W-76-BSS	70
	2	2¾		1/2	3/4	1000	W-106-BSS	A100SS
8	1½	1⅝	PLAIN	1/2	3/4	600	W-78-BSS	70
	2	2¾		1/2	3/4	1000	W-108-BSS	A100SS

Load Capacity: 825 to 2,200 lbs.

V-GROOVE



Bearing Selection

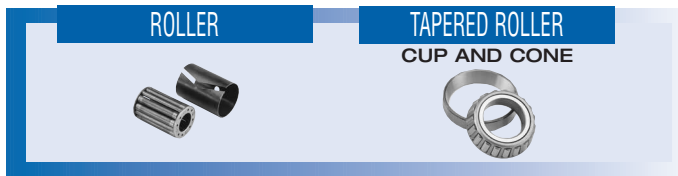
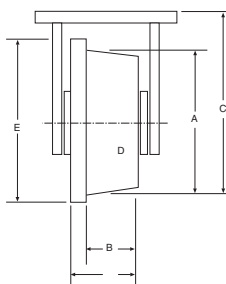


Wheels are cast from high-grade, close-grained gray iron metal. Wheel face and 90° V-groove are precision machined concentric with bearing bore for smooth even operation on inverted angle track. Groove is machined for equal load distribution when on track. Generous tread widths provide ample load bearing surface on either side of the "V" so wheels can also be used on flat surfaces.

Diameter	Tread Width	Hub Length	Bearing	Bore, w/ Bearing	Bore, less bearing	Load Capacity	Part Number	Series Used In
4	1½	1¾	ROLLER	3/4	1-3/16	825	341-VS	70
	2	2¼		3/4	1-3/16	900	342-VS	80, A100, R400
		2¾		1	1-3/4	1200	642-VS	R600
5¾	2½	2¾	ROLLER	1	1-9/16	2500	662-VS	R600
6	2½	2¾	ROLLER	1	1-9/16	3000	669-VS	R600, D600, 4L
8	3	3¾	TAPERED ROLLER	1-1/4	2-7/16	4000	883-VS	R800
10	3	3¾	TAPERED ROLLER	1-1/4	2-7/16	5000	8132-VS	R800

Load Capacity: 825 to 2,200 lbs.

FLANGED

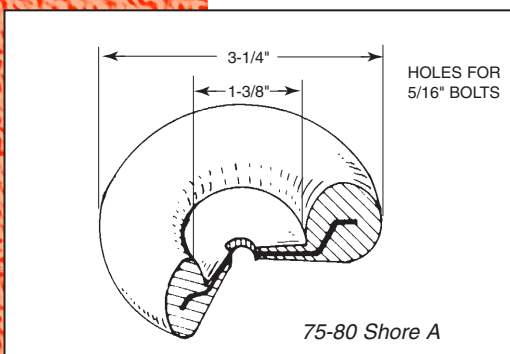


Track wheels utilize a sturdy solid-web cross sectional design with no holes or spikes to weaken the hub. Cast from close grained gray iron metal and perfectly machined concentric with bearing bore for smooth, "thump-free" operation. Ideal for transfer carts, kiln carts, or any equipment that must be accurately guided between work and processing stations.

Diameter "A"	Flange Width "B"	Type	Part Number	Load Cap. (lbs.)	Height to Flange "C"	Width "D" (Inclg. Flange)	Flange Dia. "E"	Height (Inclg. Flange)	Approx. Weight
5¾	2⅞	Flat Tread	RC-752-FT	2200	8 5/8	2 5/8	7	9 1/4	23
6	2⅞	Tapered Tread	RC-762-FT	2200	8 3/4	2 5/8	7	9 1/4	23

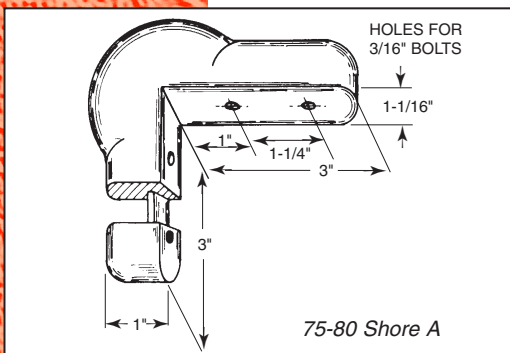
BUMPERS

DOUGHNUT AND CORNER BUMPERS



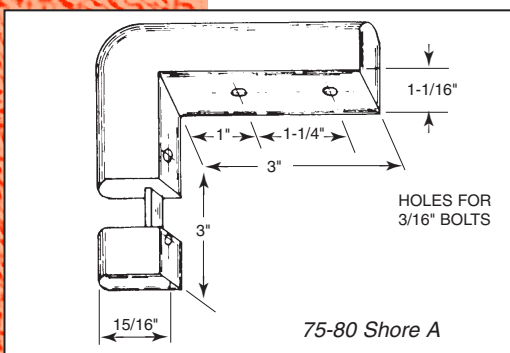
A-813 Doughnut

Commonly installed on the ends of tubular handles to give needed protection in manipulation of equipment. Note steel insert. Attached to wood with wood screws or to metal with rivets, bolts or metal screws. Weight: 6 oz. each.



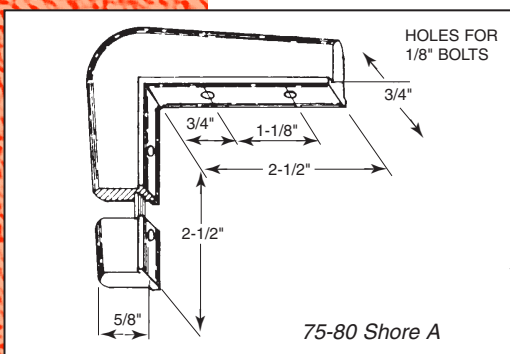
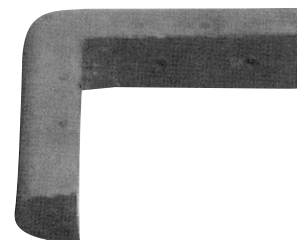
A-833 Corner

Made to give adequate protection to all surfaces that may be contacted, such as doors, door-facings, walls, furniture and other equipment. Easily attached by using self-tapping sheet metal screws. Weight: 6 oz. each.



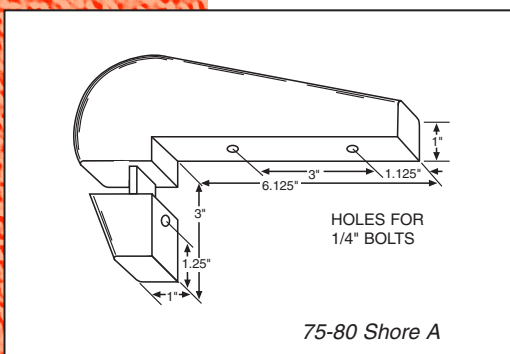
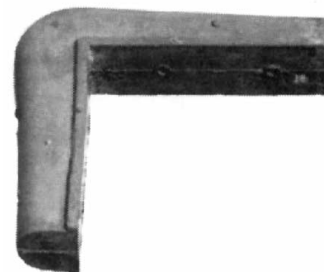
A-1676 Corner

Made especially for use with A-567 Strip Bumper, giving a uniform continuous effect all around the equipment. Weight: 5 oz. each.



A-2680 Corner

Made especially for use with A-1541 Strip Bumper, giving a uniform continuous effect all around the equipment. Weight: 5 oz. each.

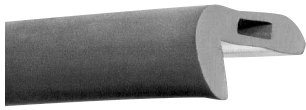


A-6926 Corner

Heavy duty corner bumper for maximum protection when equipment is used in warehouse or industrial environment. Weight: 24 oz. each.



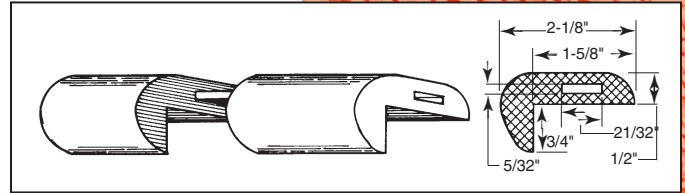
STRIP BUMPERS



Maximum Length 16'

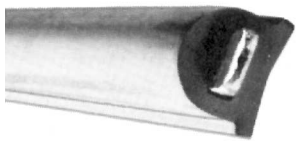
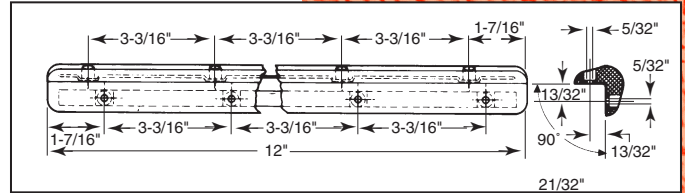
Model A-2041

Provides excellent protection for desk and table edges, etc. Maximum lengths 16 ft. for easy installation. Metal insert optional. Weight: 14 oz./ft.



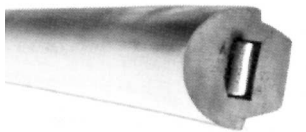
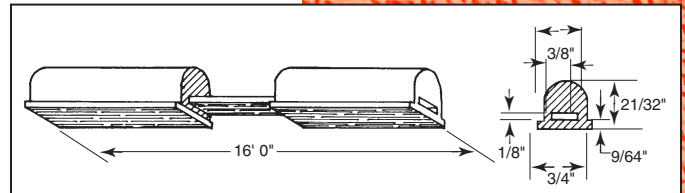
Model 4925

Molded strip corner bumper 12" long, for application to any right angle shape. Easily installed with self-tapping metal screws. Weight: 8 oz. each.



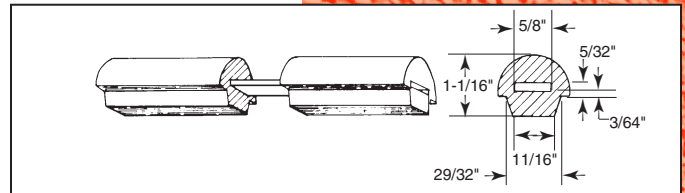
Model A-1541

Popular small-sized strip bumper that is adaptable to many applications. This model is easily applied to equipment. Metal insert optional. Weight: 4 oz./ft.



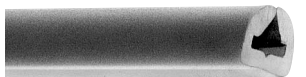
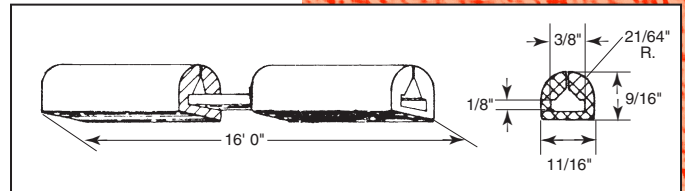
Model A-1019

Made especially for 1-1/4" commercial channel iron. Used for heavier type equipment where strength is necessary for operation. Gives that extra needed protection. Metal insert optional. Weight: 12 oz./ft.



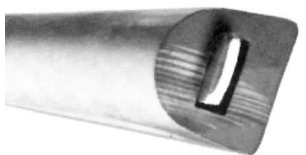
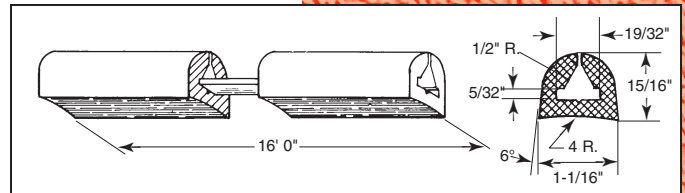
Model A-4652

Flat-based rubber strip bumper, with split top for easier installation. Metal insert optional. Weight: 4 oz./ft.



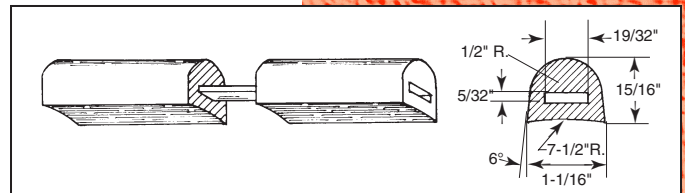
Model A-2084

Flat based rubber strip bumper designed for same use as A-567. With split top for easier installation. Metal insert optional. Weight: 9 oz./ft.



Model A-567

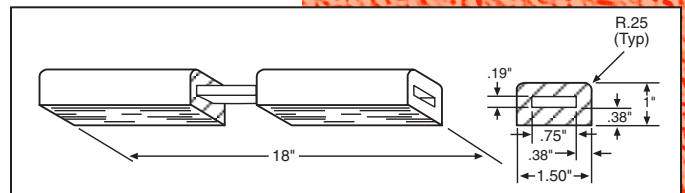
Flat based rubber strip designed for installation on either metal or wood surfaces. Easily applied and does not require a special channel. Metal insert optional. Weight: 9 oz./ft.



Maximum Length 16'

Model A-6930

Designed for use with A-6929 corner bumper, this flat based rubber strip bumper gives added protection to outer perimeter of carts and equipment. Weight: 13 oz./ft.



BUMPERS

ROUND TUBING



3" OUTSIDE DIA.	INSIDE THICKNESS	OUTSIDE THICKNESS	PART NUMBER
5/8" Dia. I.D.	15/16"	15/16"	A-8400
3/4" Dia. I.D.	15/16"	15/16"	A-8401
7/8" Dia. I.D.	15/16"	15/16"	A-8402
1" Dia. I.D.	15/16"	15/16"	A-8403
1-1/4" Dia. I.D.	15/16"	15/16"	A-8404
WEIGHT: 3 OZ. EACH			
5" OUTSIDE DIA.	INSIDE THICKNESS	OUTSIDE THICKNESS	PART NUMBER
1" Dia. I.D.	1-1/8"	5/8"	A-2270
1-1/4" Dia. I.D.	1-1/8"	5/8"	A-2274
1-1/2" Dia. I.D.	1-1/8"	5/8"	A-2275
1.9" Dia. I.D.	1-1/8"	5/8"	A-2276
WEIGHT: 12 OZ. EACH			

SQUARE TUBING



3" OUTSIDE DIA.	INSIDE THICKNESS	OUTSIDE THICKNESS	PART NUMBER
7/8" Dia. I.D.	15/16"	15/16"	A-8409
1" Dia. I.D.	15/16"	15/16"	A-8410
WEIGHT: 4 OZ. EACH			
5" OUTSIDE DIA.	INSIDE THICKNESS	OUTSIDE THICKNESS	PART NUMBER
1" Dia. I.D.	1-13/16"	5/8"	A-7668
1-1/4" Dia. I.D.	1-13/16"	5/8"	A-4953
1-1/2" Dia. I.D.	1-13/16"	5/8"	A-2272
1-5/8" Dia. I.D.	1-13/16"	5/8"	A-5375
1-3/4" Dia. I.D.	1-13/16"	5/8"	A-6147
2" Dia. I.D.	1-13/16"	5/8"	A-2273
WEIGHT: 12 OZ. EACH			

REVOLVING



These revolving bumpers are designed to fit on a caster stem and prevent the bed or other article of furniture on which they are used from striking the wall. The bumper will strike the wall first and, if the bed is moved along the wall, the bumper will revolve, thus eliminating any chance of smearing the wall or causing an erasure. Made from grey non-marking rubber. When ordering revolving bumpers, specify bore size.

4" OUTSIDE DIA.	WEIGHT	PART NUMBER
3/8" Wide Face	8 oz. each	A-6478
5" OUTSIDE DIA.	WEIGHT	PART NUMBER
1/2" Wide Face	11 oz. each	A-7569

MOLD-ON HEAVY DUTY RUBBER



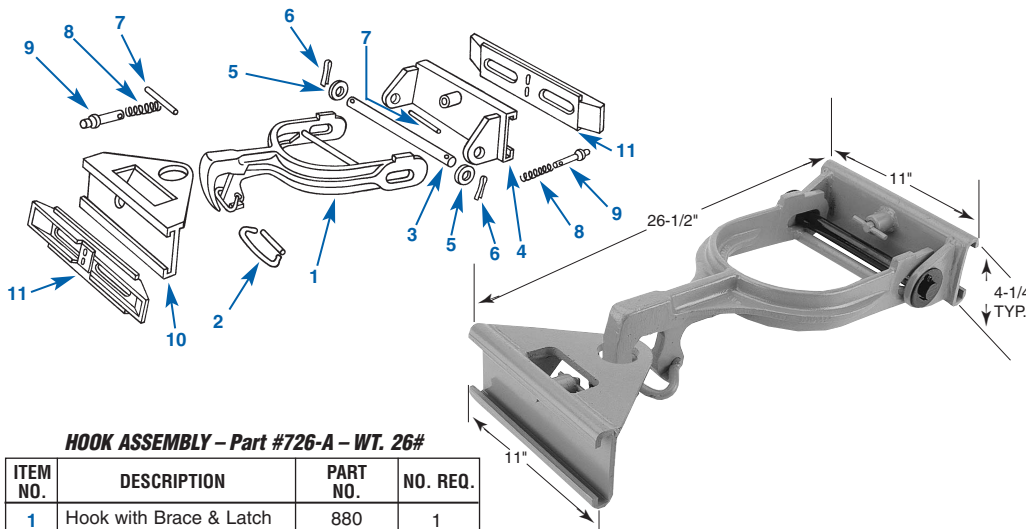
Designed to fit almost every type of portable equipment requiring heavy duty bumpers. These solid rubber bumpers with a heavy steel insert are made of grey non-marking rubber, molded around the steel insert making the entire unit virtually indestructible and long lasting. The machine steel hubs are made in the following sizes: 7/16", 1/2", 9/16", 5/8", 3/4", 13/16", 7/8" and 1". Other sizes available on request.

DIAMETER IN INCHES	WEIGHT	PART NUMBER
4"	5 oz. each	A-4940
5"	12 oz. each	A-4941
7-1/2"	28 oz. each	A-4820
8-1/2"	42 oz. each	B-6487

HOOK & EYE

726 Medium Duty Slip-On Coupler

1200 lbs. Drawbar Pull



HOOK ASSEMBLY – Part #726-A – WT. 26#

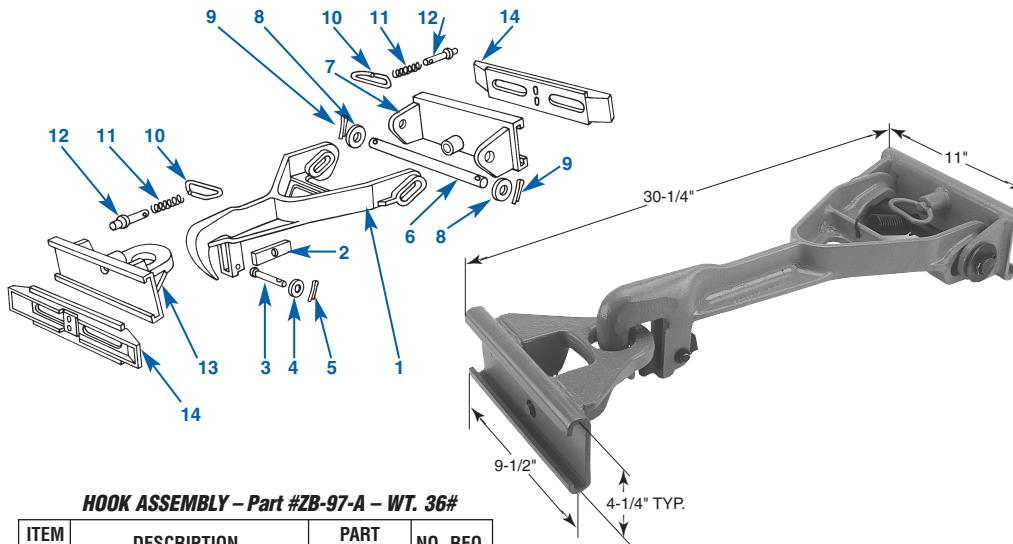
ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
1	Hook with Brace & Latch	880	1
2	Safety Latch	1943	1
3	Shaft	1395-1	1
4	Mounting Bracket	1964	1
5	Washer	1518	2
6	Cotter Pin	3/16X1-1/2	2
7	Plunger Handle	2643	1
8	Plunger Spring	2644	1
9	Plunger	869	1

EYE ASSEMBLY – Part #726-B – WT. 15#

ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
7	Plunger Handle	2643	1
8	Plunger Spring	2644	1
9	Plunger	869	1
10	Eye	1983	1
11	DRAWBAR – WT. 4-1/2# (not included with coupler)	367	2

ZB-97 Heavy Duty Slip-On Coupler

2000 lbs. Drawbar Pull



HOOK ASSEMBLY – Part #ZB-97-A – WT. 36#

ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
1	Hook	1914	1
2	Safety Latch	2634	1
3	Clevis Pin	2468	1
4	Washer	3/8x7/8	1
5	Cotter Pin	1/8x1-1/4	1
6	Shaft	2635	1
7	Mounting Bracket	2638	1
8	Washer	1518	2
9	Cotter Pin	3/16x1-1/2	2
10	Plunger Handle	2639	1
11	Plunger Spring	2640	1
12	Plunger	2641	1

EYE ASSEMBLY – Part #ZB-97-B – WT. 15#

ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
10	Plunger Handle	2639	1
11	Plunger Spring	2640	1
12	Plunger	2641	1
13	Eye with Bracket	2642	1
14	DRAWBAR – WT. 4-1/2# (not included with coupler)	367	2

Draw bar plates, which are normally bought in pairs when ordered with a complete set, weld to end rail of trailer frame. They permit couplers to slide on and off by engaging spring loaded plunger. Because of this feature **Darnell-Rose** Slip-On Couplers do not sit idle, but can be utilized on active rolling stock.

All hooks available with Poly noise abatement option.

Dimensions are shown in inches and may vary nominally.

Repair parts for Darnell-Rose Couplers, if needed, are readily available. Order by part number and description listed above.

Darnell-Rose COUPLERS... when worker safety and uninterrupted service are the main criteria.

Unlike so-called "economy" couplers fabricated of mild steel weldments, **Darnell-Rose** Industrial Couplers are made from high strength cast steel and are prevented from accidentally coming uncoupled by the incorporation of a unique safety latch. Each of the **Darnell-Rose** Hook & Eye Couplers is also designed for "out-of-the-way" vertical storage when not in use — another safety feature which can eliminate tripping accidents.

All **Darnell-Rose** Couplers — including our automatic — are of rugged design, generously braced and gusseted for maximum strength and reinforcement at stress points. Hook and Eye units are available in either a "Weld-On" configuration or "Slip-On" design, which helps reduce capital outlay on large trailer train systems.

Darnell-Rose Couplers, like our Casters and Wheels, have proven themselves through many years of continual service to automotive manufacturers and other tough industrial applications.

You can pay less, and quite often a lot more, but with a **Darnell-Rose** Coupler you have the confidence that you are using the very best. For dependability and ultimate, there is but one name in industrial couplers — **Darnell-Rose!**

COUPLERS

T-31-2 Medium Duty Weld-On Coupler

1200 lbs. Drawbar Pull

HOOK ASSEMBLY – PART #T-31-2-A – WT. 28#

ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
1	Hook with Brace & Latch	880	1
2	Safety Latch	1943	1
3	Shaft	1395-1	1
4	Mounting Bracket	1395-2	1
5	Washer	1518	1
6	Cotter Pin	3/16x1-1/2	2
7	EYE – WT. 8#	1848	1

All hooks available with Poly noise abatement option.

ZB-94 & ZB-98 Heavy Duty Weld-On Coupler

2000 lbs. Drawbar Pull – Noise Abate #1

HOOK ASSEMBLY – WT. 34#

(Add 2 lbs. for 24" hook.)

ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
1a	24" Hook	1914	1
1b	18" Hook	1870	1
2	Safety Latch	2634	1
3	Clevis Pin	2468	1
4	Washer	3/8x7/8	1
5	Cotter Pin	1/8x1-1/4	1
6	Spring	1869	1
7	Shaft	2635	1
8a	Standard Mounting Bracket	2637	1
8b	Modified Mounting Bracket	2636	1
9	Washer	1518	2
10	Cotter Pin	3/16x1-12	2
11	EYE – WT. 6#	1747	1

Complete Couplers	Hook Assemblies (only) with bracket
ZB-94	ZB-94-A Supplied with 1b and 8a
ZB-94-M	ZB-94-AM Supplied with 1b and 8b
ZB-98	ZB-98-A Supplied with 1a and 8a
ZB-98-M	ZB-98-AM Supplied with 1a and 8b

Please use appropriate suffix when ordering complete couplers or hook assemblies.

1735 Automatic Coupler

2000 lbs. Drawbar Pull – Noise Abate #2

JAW ASSEMBLY – PART #39 – WT. 29#

ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
6	Jaw	670	1
7	Latch with Bar	1844-2	1
8	Spring Guide	1844-3	1
9	Spring	1844-4	1
10	Shaft	3266	1
11	Cotter Pin	3/16x1-1/2	2
12	Washer	896	2

All hooks available with Poly noise abatement option.

BAIL ASSEMBLY – PART #136 – WT. 32#

ITEM NO.	DESCRIPTION	PART NO.	NO. REQ.
1	Bail with Counterweight	1399	1
2	Shaft	1399-1	1
3	Mounting Bracket	1399-2	1
4	Washer	1518	2
5	Cotter Pin	3/16x1-1/2	2

Dimensions are shown in inches and may vary nominally.

Repair parts for Darnell-Rose Couplers, if needed, are readily available. Order by part number and description listed above.

