

Payson Casters

*Manufacturers of Quality
Casters Since 1873*



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Payson Casters

Payson Casters

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Toll Free: 800-323-4552
Phone: 847-336-6200
Fax: 847-336-6542

Roll-A-Way and American Overhead Conveyors

2335 Delaney Road
Gurnee, IL 60031
Phone: 847-336-5033

Nagel Chase Pulleys

2337 Delaney Road
Gurnee, IL 60031
Phone: 847-336-4494

Email: payson@paysoncasters.com

Payson Bronco

6900 Cherry Avenue
Long Beach, CA 90805
Phone: 562-602-2400

Payson Texas

2688 Freewood Drive
Dallas, TX 75220
Phone: 214-352-1765

Payson Georgia

5034 Singleton Road
Norcross, GA 30093
Phone: 770-923-7753



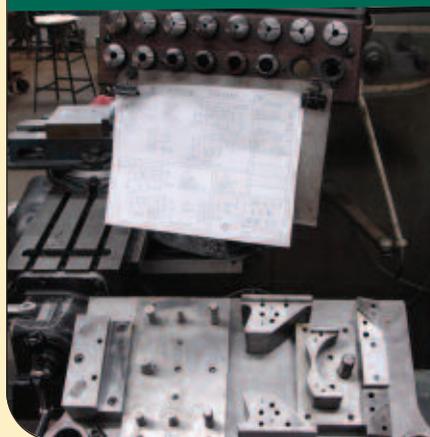
PAYSON CASTERS' 143,000 SQUARE FOOT MANUFACTURING PLANT, GURNEE, IL

AUTOMATED WELDING



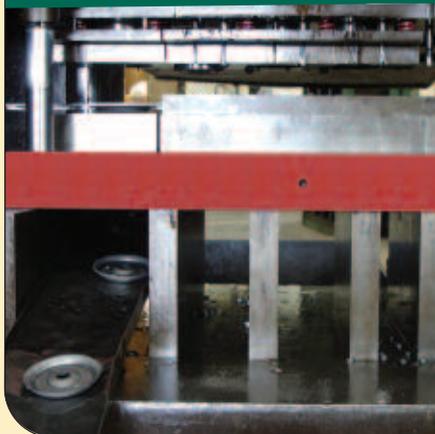
- Dual arm robotic welders make fast and precise welds.
- Robotic welders operate on swivel and rigid brackets for increased speed and accuracy.

MODERN TOOL ROOM



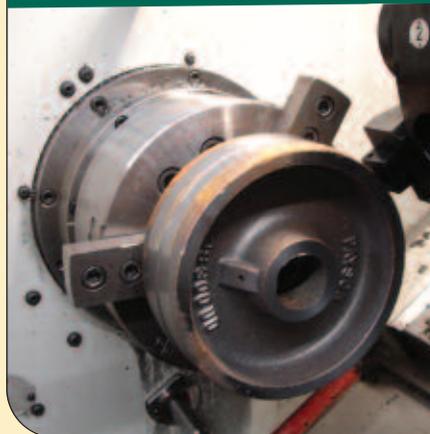
- We build new dies and we maintain all of our 580 dies.

COIL FED PUNCH PRESSES



- Our punch presses are equipped with coil feeding equipment to stamp out caster parts at high speeds (shown is the 200 series top cup produced at over 100 pieces per minute).

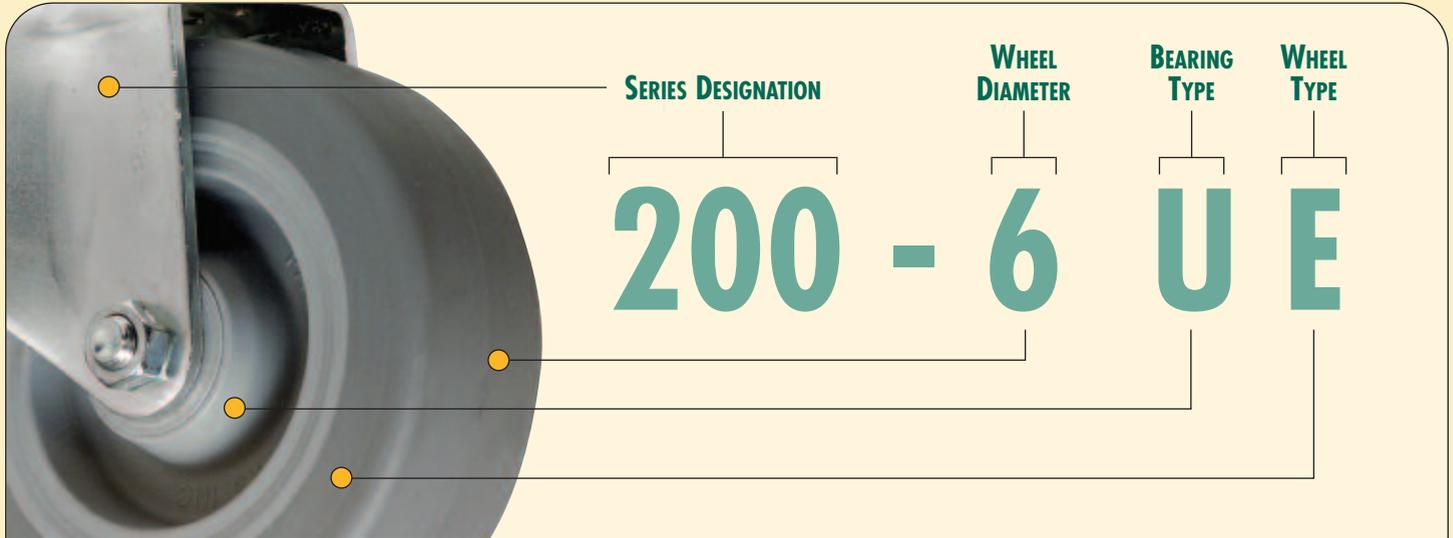
COMPUTERIZED MACHINES



- Modern CNCs and six Spindle Machines drill and machine our wheels and a variety of stems.

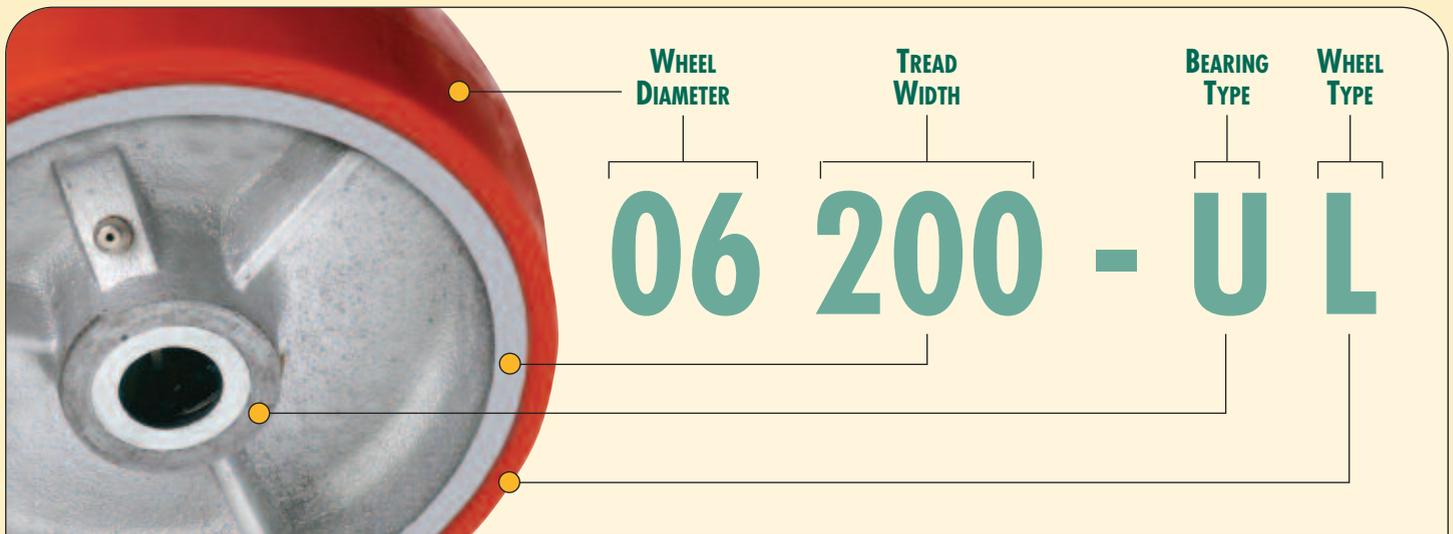
MANUFACTURERS OF QUALITY CASTERS SINCE 1873

► HOW TO ORDER



STANDARD CASTERS

This is an example of a catalog number for a standard caster. If an accessory, such as a WK wheel brake is to be added, a suffix number is required, i.e. 200-6UE-WK.



WHEELS ONLY

This is an example of a catalog number for a wheel. Please order spanners separately. Place suffix -WS wheel seals as follows: 06200-UL-WS.

► SYMBOLS

WHEEL TYPES

D	Payductile Ductile Iron	S	Payron Semi-Steel
E	Durakush Thermoplastic Rubber	T, F	Miratek Polyurethane
G	V-Grooved Semi-Steel	V	Bronco Mold-On Rubber
H	Payrock Hard Rubber	W	Full Pneumatic
J	Peejay Polyolefin	X	Payflex Soft Rubber
K, R	Mirakush Polyurethane		
L	Paythane Poly Mold-on		
M	Plexite Phenolic		
N	Broncushion Rubber Mold-On		
P	Payvulc Mold-On Rubber		

WHEEL BEARINGS

B	Ball
D	Delrin
O	Oilite
P	Plain
T	Timken
U	Roller

ACCESSORIES (Suffixes only)

TG	Thread Guards
WK	Wheel Brake
SK	Swivel/Wheel Brake
WB	Wheel Brake
SB	Scaffold Brake
PB	Plate Brake
SL	Swivel Lock
DW	Double Wheels
WS	Wheel Seals
SS	Swivel Seals

► HOW TO SELECT A CASTER

Floor Surfaces

A most important consideration. If your floors require maximum protection, select a resilient wheel. If you desire capacity only, choose a metal wheel. If you want capacity and floor protection, we recommend a Plexite and/or Polyurethane wheel.

Floor Conditions

Are there metal chips? Harsh chemicals? Uneven surfaces? Elevator sills? Extreme heat or cold? If so, a metal wheel may be your best bet. For a complete review, please see our Wheel Selection Chart on page 78.

Capacity

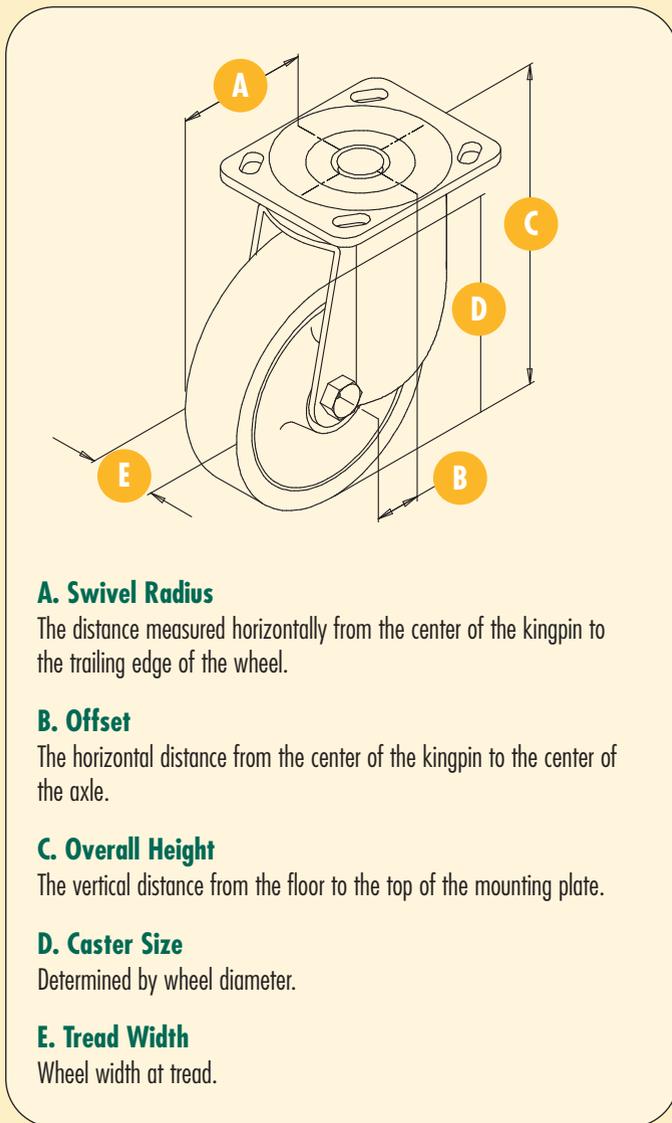
We believe that it is wise to select “more caster than you think you need.” Payson is a member of the Institute of Caster Manufacturers and subscribes to virtually all of its suggested load ratings. Each load rating is based upon a manual operation of 3 to 5 mph over even floors. Your selection should have a large enough wheel to ride over obstructions smoothly and to transport the load with minimum effort.

Wheel Bearings

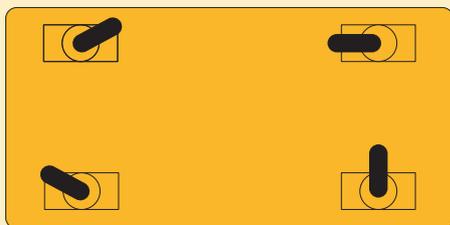
Although anti-friction Roller, Ball and Timken bearings don’t necessarily increase the capacity, they make it easier to start and sustain motion. In addition, they are quieter. Plain, Delrin, or Oilite bearings should be considered when the operation is intermittent and when the travel is short.

How To Maintain

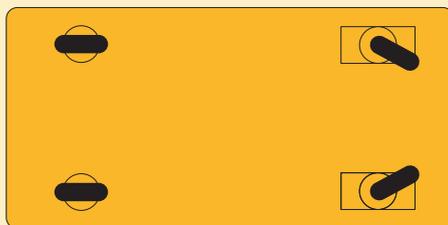
Each Payson caster is constructed with precise quality, prelubricated and thoroughly inspected before it leaves our factory. Casters should be relubricated on a regular schedule, and nuts and bolts should be kept tight. If the caster is used constantly, it should be checked once a week. If used only intermittently, then once a month.



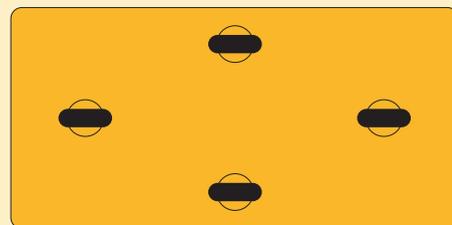
► MOUNTING ARRANGEMENTS



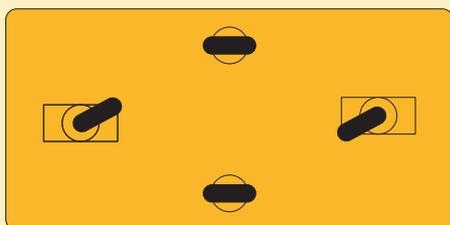
4 Swivel Great Maneuverability.
Ideal for confined areas.



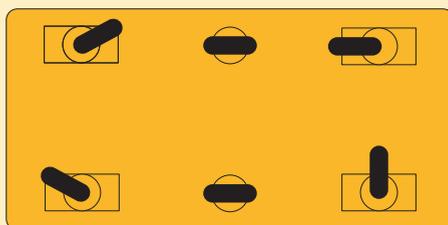
2 Swivel, 2 Rigid Super Steering.
Trails well and corners easily.



Diamond Pattern (4 Rigid) Tilt type. No swivels necessary. Turns on center wheels. Economical.



Diamond Pattern (2 Swivel, 2 Rigid)
Turns easily. Can be mounted level or tilted.

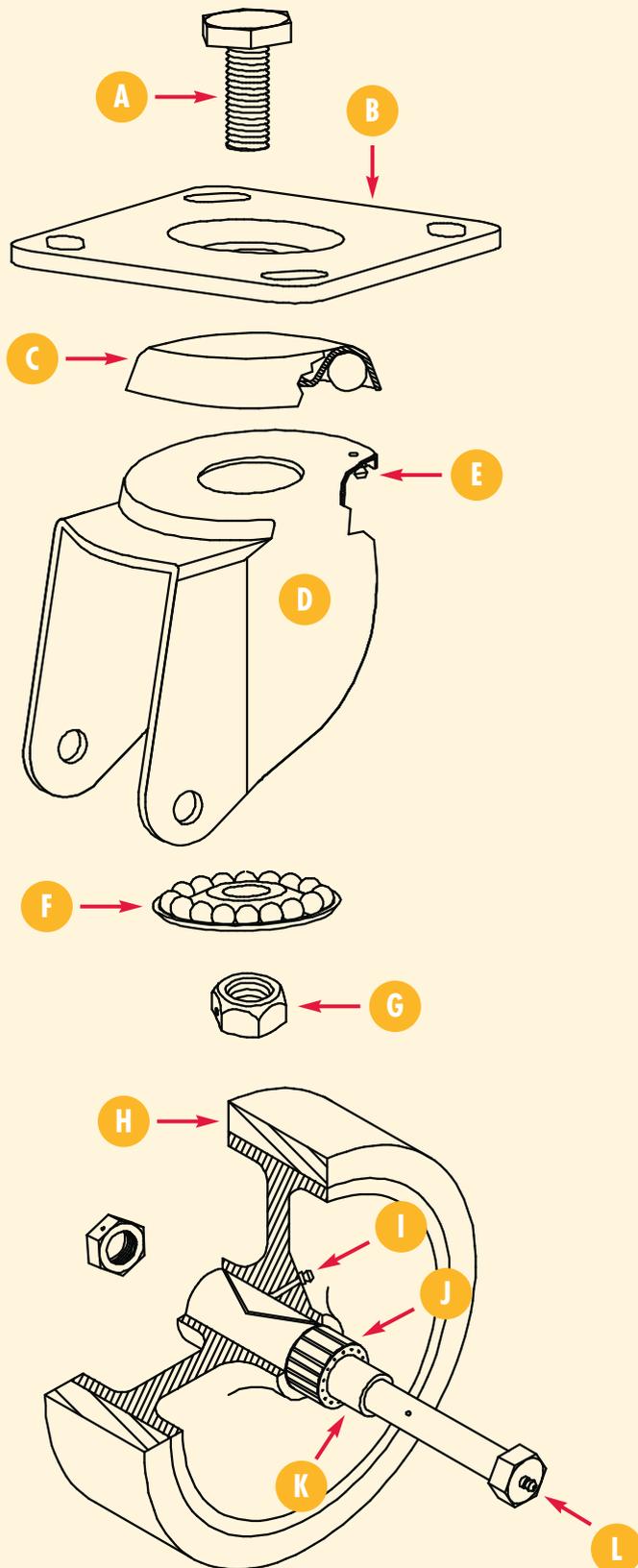


6 Wheeler (4 Swivel, 2 Rigid)
Ideal for heavy loads. Turns on a dime.



Wagon Style (2 Rigid, 2 Wheels Only)
Wheels mounted to steering gear for trailer-type loads.

▶ THE ANATOMY OF A CASTER



BASE & BRACKET ASSEMBLY

A. Kingpin

The essential ingredient. Can be nut and bolt, riveted, or staked.

B. Top Plate

Sometimes referred to as the base plate. Usually has four mounting holes.

C. Top Cup & Raceway

With double ball bearing swivels, the upper raceway carries the load and the wider the better.

D. Bracket

May be stamped, cast, welded, drop forged, etc. Referred to as the yoke, rig, horn, etc.

E. Lubrication

A fitting may be provided for greasing the raceways.

F. Lower Cup & Raceway

The lower raceway allows for more ball contact, absorbs side thrust, and affords better swiveling action.

G. Kingpin Nut

Can be tightened for lower tolerances on nut and bolt style kingpin.

WHEEL

H. Size & Tread Width

For example, a 6 x 2 wheel is 6" diameter, with a 2" tread width or wheel face.

I. Lubrication, Hub

A fitting is sometimes located in the hub for anti-friction bearings.

J. Wheel Bearing

Can be Plain, Delrin, Oilite or Anti-Friction: Roller, Ball, or Timken.

K. Spanner Bushing

Round, cylindrical. Spans between the bracket legs, within the bearing and over the axle, allowing the wheel to rotate.

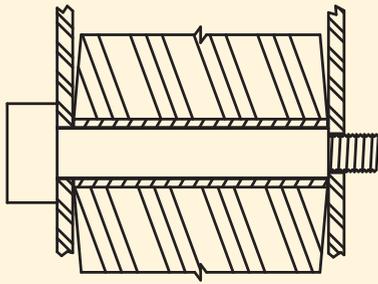
L. Lubrication Axle

If desired, lubrication can be applied through the axle, through the spanner, and into the anti-friction bearing.

AXLE ASSEMBLY

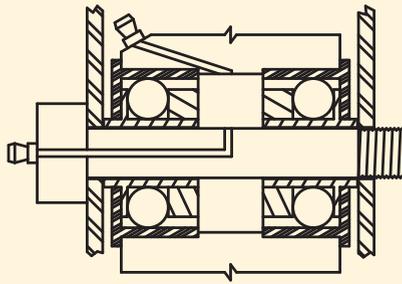
Nut and bolt axles can be replaced. Shouldered types do not necessarily require a spanner.

▶ AXLE BEARING ASSEMBLY INSTRUCTIONS



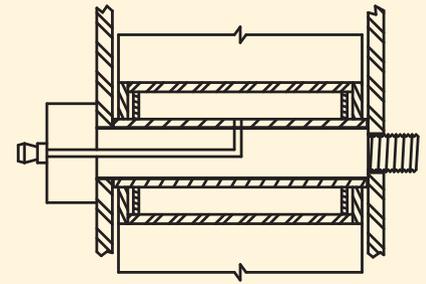
Shouldered With Plain, Delrin, Or Oilite Bearings

Shouldered part provides its own spanner.



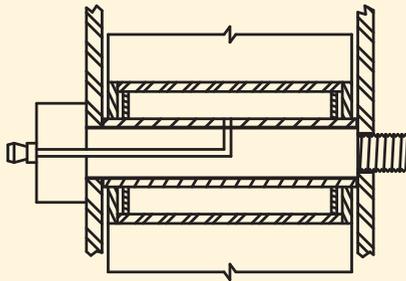
Straight Axle For Flange Ball Bearings

No spanner necessary.
Zerk through hub or axle.



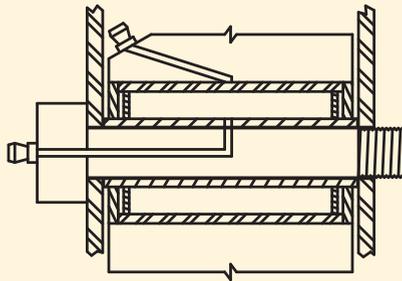
Shouldered For Butt Ball Bearings

Has self-contained spanner.
Grease through axle only.



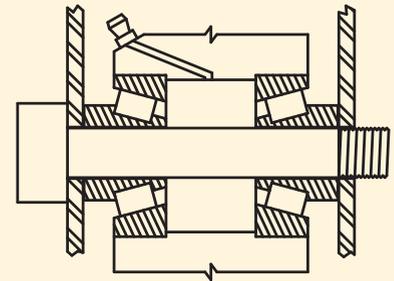
Shouldered With Roller Bearings

Spanner is virtually always used.
Zerk through axle.



Straight Axle With Roller Bearings

Spanner used. Zerk through hub or axle.



Straight Axle With Timken Bearings

Bearing rides directly on axle.
Zerk through hub only.

▶ PAYSON DELIVERY QUICK

Payson Delivery Quick (*PDQ*) is the answer when delivery is critical. Throughout this catalog, look for *PDQ* items designated by a **RED PART NUMBER**.

Payson's *PDQ* Program guarantees shipment of 139 of its most popular models within 2 full working days from the time the order is received. If we fail to ship, we penalize ourselves by paying the standard freight charges to most any destination within the Continental U.S.

Why *PDQ*? Basically, all *PDQ* models are industry standards, sold day in and day out. We stock these models in carton quantities in our factory warehouse, thereby allowing us to guarantee shipment of your *PDQ* order within 2 full working days from the time the order is received. (When placing an order, please specify it's *PDQ*. If not, shipment will be made without *PDQ* terms.)

NOTE: This service is not available on orders mixing *PDQ* and non-*PDQ* items, nor on orders calling for the addition of optional accessories. All models must be ordered in carton quantities or multiples thereof. (Limit 4 cartons per item.)

*Call the Payson Sales Department and say you need your next order **PDQ!***

*With Payson Delivery Quick,
Casters Can Be Shipped Within
2 Days Or We Pay The Freight!*



► CASTER BRAKES



'SK' SUPER LOCK

The "SK" brake locks the wheel and the swivel simultaneously with a touch of the toe. A cam-actuated spring mechanism engages the serrated lower swivel area and also applies pressure on the wheel surface. Quick release. Super positive braking action. Available with the Light Medium 050 and 060 Series, the Medium Duty 070 Series, as well as the Medium Heavy Duty 200 Series. Stem models in the series listed above are also available with this super locking mechanism.



'WK' BRAKE

This is a simple and effective wheel brake design. Press one lever with a touch of the toe, and pressure is applied against the hub of the wheel in order to lock securely. Press other arm of lever to release.



'WB' BRAKE

The "WB" Brake has been designed for heavier duty casters, affording positive locking action against the wheel. By pressing "Down" on the handle, the cam action locks the brake shoe positively against two pressure points — the wheel surface and a specially contoured steel bar. Release "Up" and you're ready to roll.

► IMPORTANT SAFETY & MAINTENANCE TIPS

IMPORTANT NOTICE!

You must advise and pass this information along to those who will use the casters. Place the proper instructions on your product to relay this information to the user of your product.

Casters are a consumable item. Just like any other consumable item, when they wear down their life is over and they should be replaced. Material handling equipment users, in general, are responsible for the proper operation and maintenance of the equipment they use.

- **DO NOT** overload or drop heavy loads on carts or trucks.
- **DO NOT** use on rough or obstructed floors.
- **DO NOT** use at speeds over five miles per hour.

For the proper operation of your Payson casters, we recommend you develop a regular maintenance schedule for the following:

CASTERS (BASE & BRACKET ASSEMBLY)

- Check the swivel assembly to see if excessive play exists due to wear. If the swivel assembly is loose, it should be replaced. If the caster has a king bolt nut, do not retighten. If it is loose, it is worn and should be scrapped. If the swivel assembly does not turn freely, replace it. If the rigid or swivel bracket is bent or distorted, replace immediately.
- Caster brakes or swivel locks should be checked at each use to ensure proper working order. Damaged or inoperative parts must be replaced immediately.

FRAMES & FASTENERS

- Tighten loose bolts and nuts, and look for broken welds.
- Always use lock nuts or lock washers.
- Examine the frame, platform, legs, or equipment for any distortions, bending, or other damage. Discontinue use and replace immediately.

WHEELS

- Check wheels and replace at the first sign of any problem including:
- Flat spots — may be caused by a build-up of string, thread, etc., which bind the wheel (Use thread guards to delay build-up of these materials.)
- Badly worn or "chunked out" tires can also cause erratic steering and a very rough ride.
- Fractured or cracked hubs caused by sudden shock or overload.

LUBRICATION

- Relubricate on a regular schedule according to the environment of the application.
- Frequent cart washings may require lubrication after each washing.
- Regular lubrication adds to the life and performance of wheel and swivel bearings.

360/361

GENERAL LIGHT DUTY

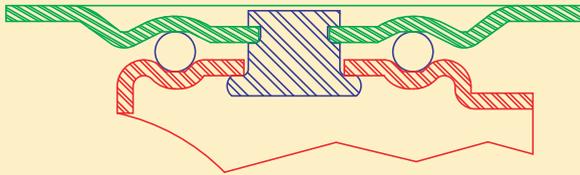
The 360 is an economical caster of single ball race construction. Originally designed for light duty tool carts, the 360 also has a wide range of applications which require a low-priced caster. The embossed steel construction, with a fully formed raceway, is designed to permit free swiveling for those lighter loads.

The 361 is of solid one-piece steel construction, embossed for extra strength.

Engineering Data:

- Zinc plated finish.
- Hydraulically upset kingpin for thrust absorption.
- Peejay wheels are made with an injection molded polyolefin material — these models ride directly on the axle.
- Ideal for wet conditions.
- Wears like metal, non-marking, floor protective, self-lubrication.
- "WK" wheel brakes for 360 swivels only.
- 5/8" riveted axle.

Raceway Construction:



- 360-3PJ**
- 3" swivel
 - Plain bore
 - Peejay Polyolefin plastic wheel

Wheels & Optional Extras:



Peejay
polyolefin plastic



WK Brake
locks wheel, not used with Thread Guards, swivel only

360 SWIVEL & 361 RIGID SPECIFICATIONS									
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain Bearing	Rigid Plain Bearing				
3	1 1/8	Peejay Polyolefin	110	360-PJ	361-3PJ	5/8	2 1/16	3 1/16	Width by Length: 2 1/32 x 1 29/32 Bolt Hole Spacing: 1 5/16 x 2 3/32 Holes: 1/4
4	1 1/8	Peejay Polyolefin	125	360-4PJ	361-4PJ	1	3 3/16	4 1/16	Width by Length: 2 3/4 x 3 3/4 Bolt Hole Spacing: 1 3/4 x 3 Holes: 5/16

**760-30x**

- 3" swivel
- Payflex cushion tread wheel
- Oilite bearing

**761-3PS**

- 3" rigid
- Payron semi-steel wheel
- Plain bearing

760/761

GENERAL DUTY

The 760 is an economical, all-purpose caster of single ball race construction, made of heavy gauge cold-rolled steel. Simplicity of design renders a combination of quality with low cost.

Applications:

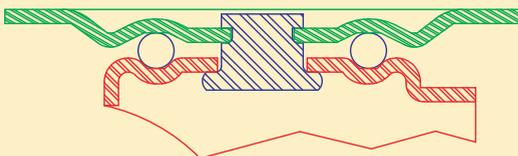
For equipment in the range of 100 to 1400 lbs. Widely used on furniture dollies, box and platform trucks, bakery racks, laundry and linen baskets, and other equipment on which applications require an economical single ball race caster.

Engineering Data:

- Large raceways deeply embossed for extra strength and bearing surface.
- Hydraulically upset kingpin for thrust absorption.
- Replaceable nut and bolt axles for 2" through 4" models.
- 1 5/8" casters have riveted axles.

Standard Features/Components:

- Zinc plated.
- 5/16" shouldered axle for 2" and 2 1/2" models.
- 3/8" straight axle for 4" model with 1/2" x 3/8" x 1 13/16" spanner bushing.

Raceway Construction:**Wheels & Optional Extras:**

Payrock Hard Tread
rubber fibrous compound



Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Payron Semi-Steel
high tensile sintered iron



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Payflex Soft Rubber
non-marking tread



V-groove
machine grooved steel



WS Wheel Seals
locks out foreign matter



TG Thread Guards
cannot be used with WK
brakes - 2 1/2" through
4" models



WK Brake
locks wheel, not used with
Thread Guards, swivel only

760 SWIVEL SPECIFICATIONS												
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Width by Length inches	Bolt Holes Spacing inches	Size of Bolt Holes inches	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Roller Bearings							
1½	¾	Payflex	50	760-1½OX		¼	1¼	2	1½ x 2¾	1 x 1½	1¼	
		Payrock	60	760-1½OH								
2	¾	Payron	100	760-2PS		¾	2	2½	1½ x 2½	1 x 2½	1¾	
		Payflex	75	760-2OX								
		Payrock	100	760-2OH								
		Peejay	100	760-2PJ								
2½	1	Payron	200	760-2½PS		1½	2⅙	3⅙	2⅙ x 3⅙	1¾ x 3	2¼	
	1½	Payflex	110	760-2½OX								1
		Payrock	175	760-2½OH								
3	1¼	Payron	210	760-3PS	760-3US	2¼						
	1⅝	Payflex	125	760-3OX								
		Payrock	225	760-3OH								
	1¼	Plexite	210		760-3UM							1½
Peejay	210	760-3PJ										
4	1⅝	Payron	375	760-4PS	760-4US	4½						
	1½	Payflex	200	760-4OX								
		Payrock	300	760-4OH								
		Plexite	375	760-4DM	760-4UM							3
		Mirakush	300	760-4DK	760-4UK							
		Miratek	375	760-4DT	760-4UT							
		Peejay	300	760-4PJ								
V-Groove	425		760-4USG	4								

761 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Height Overall inches	Width by Length inches	Bolt Holes Spacing inches	Size of Bolt Holes inches	
Diameter inches	Width inches	Type	Cap Each lbs	Rigid Plain, Oilite, Delrin Bearings	Roller Bearings						
2	¾	Payron	100	761-2PS		⅝	2¾	1⅜ x 1⅝	1 x 2¼	1¾	
		Payflex	75	761-2OX							
		Payrock	100	761-2OH							
		Peejay	100	761-2PJ							
2½	1	Payron	200	761-2½PS		1½	3⅙	2¾ x 3¾	1¾ x 2⅞-3	2¼	
	1½	Payflex	110	761-2½OX							1
		Payrock	160	761-2½OH							
3	1¼	Payron	210	761-3PS	761-3US	2					
	1⅝	Payflex	125	761-3OX							
		Payrock	210	761-3OH							
	1¼	Plexite	210		761-3UM						1¼
Peejay	210	761-3PJ									
4	1⅝	Payron	375	761-4PS	761-4US	3½					
	1½	Payflex	200	761-4OX							
		Payrock	300	761-4OH							
		Plexite	375	761-4DM	761-4UM						2½
		Mirakush	300	761-4DK	761-4UK						
		Miratek	375	761-4DT	761-4UT						
		Peejay	300	761-4PJ							
V-Groove	425		761-4USG	3¼							

Red = P.D.Q. (2 days or less)

010-20X-ZP

- 2" swivel
- Oilite bearing
- Payflex cushion tread wheel

**012-20H-ZP**

- 2" swivel stem
- Oilite bearing
- Payrock hard tread wheel
- Comes with "H1" Socket

**010-017**SANITARY
CASTERS**LIGHT DUTY**

Strength, style, economy, and versatility render the 010 the most popular light duty series in the industry. The strength is derived from a precision double ball bearing swivel design, with all components heat-treated for longer service.

Specifically, the $\frac{3}{8}$ " kingpin, the $\frac{3}{16}$ " ball bearings, and the $\frac{5}{16}$ " riveted axle are larger than conventional models.

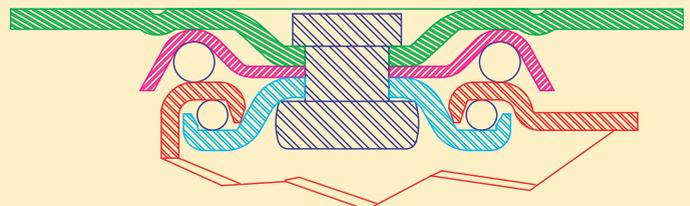
Standard plating is Zinc, although Bright Chrome, English Bronze, and Bright Brass finishes are available. Please specify finish via the suffix letter.

A variety of stem and plate sizes listed makes the 010 Series truly a versatile caster. An economical price results from an automated production line with the finest tooling. Payflex and Mirakush wheels afford complete floor protection, while the Payrock and Peejay add up to higher capacities and carpet usage. WK brakes are available. No rigid models.

Finishes Available:

The ZP (Zinc Plated) finish is standard. Please use suffix letters to specify the proper finish.

ZP = Zinc Plated BC = Bright Chrome
EB = English Bronze BB = Bright Brass

Raceway Construction:

Wheels & Optional Extras:



Peejay
polyolefin plastic



Miratek
95 duro. red polyurethane



Payflex Soft Rubber
non-marking tread



Payrock Hard Tread
rubber fibrous compound



Mirakush
85 duro. gray polyurethane



WK Brake
locks wheel, not used with Thread Guards, nut & bolt axle furnished

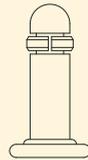
Plate & Stems:



010 Plate
2 x 1 3/8"; 1 1/8 x 1 3/8" spacing, 3/16" holes



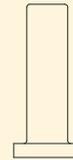
012 Grip Neck
5/16 x 1 1/2"



003 Ring Ret
7/16 x 1 1/2"
3/8 x 1"



014 Threaded
5/16 - 18 x 1 1/2"
3/8 - 16 x 1 1/2"



017 Plain Round
7/16 x 1 7/8"
For use in "PS" Sockets

Sockets:



"HI" Socket
For use with "012" Stem in wood with 3/8" I.D. hole

Use with 012 Grip Neck



00437-PB-2H
Socket with 2 each .295 holes for wood attachment



00437-PB Inside 90
Socket with 2 each .295 holes. Bolt or weld to attach.

Use with 013 Ring Ret.



00437-PB-Outside 90
Socket with 2 each .295 holes. Bolt or weld to attach.



00870 - PS
Socket for 1 x 1/4" gauge tubing of 7/8" I.D.

Use with 017 Plain Round



00906 - PS
Socket for 1 x 1/8" gauge tubing of 29/32" I.D.

010-017 SERIES SPECIFICATIONS											
WHEEL SPECIFICATIONS					CATALOG NUMBER						
Diameter inches	Width inches	Type	Cap Each lbs	Height Less Stem*	Top Plate 2 x 1 3/8 plate 1 1/8 x 1 3/8 holes	Grip Neck Stem 5/16 x 1 1/2	Ring Ret. Stem 7/16 x 1 1/2	Ring Ret. Stem 3/8 x 1	Threaded Stem 5/16 - 18 x 1 1/2	Threaded Stem 3/8 - 16 x 1 1/2	Round Stem 7/16 x 1 7/8
2	7/8	Payflex	75	2 3/4	010-20X	012-20X	013-20X	Z013-20X	014-20X	Z014-20X	017-20X
		Payrock	100		010-200H	012-20H	013-20H	Z013-20H	014-20H	Z014-20H	017-20H
		Peejay			010-2PJ	012-2PJ	013-2PJ	Z013-2PJ	014-2PJ	Z014-2PJ	017-2PJ
2 1/2	7/8	Payflex	100	3 1/4	010-2 1/2 OX	012-2 1/2 OX	013-2 1/2 OX	Z013-2 1/2 OX	014-2 1/2 OX	Z014-2 1/2 OX	017-2 1/2 OX
		Peejay	110		010-2 1/2 PJ	012-2 1/2 PJ	013-2 1/2 PJ	Z013-2 1/2 PJ	014-2 1/2 PJ	Z014-2 1/2 PJ	017-2 1/2 PJ
3	1 3/16	Payflex	100	3 1/2	010-30X	012-30X	013-30X	Z013-30X	014-30X	Z014-30X	017-30X
		Peejay	125		010-3PJ	012-3PJ	013-3PJ	Z013-3PJ	014-3PJ	Z014-3PJ	017-3PJ
	Mirakush		010-3DR		012-3DR	013-3DR	Z013-3DR	014-3DR	Z014-3DR	017-3DR	
	Miratek	145	010-3DF		012-3DF	013-3DF	Z013-3DF	014-3DF	Z014-3DF	017-3DF	

Please use SUFFIX LETTERS for the proper finish, e.g. 017-20X-BC. If SUFFIX LETTERS are not shown, the ZP (Zinc Plated) finish will be automatically supplied.

Overall Height of 010 Series is approximately 1/16" greater than shown for Stem Models.

"HI" Sockets are automatically furnished with any "012" Order.

020-3DF

- 3" swivel
- Delrin bearing
- Miratek polyurethane wheel

**021-3DR**

- 3" rigid
- Delrin bearing
- Mirakush polyurethane wheel

**020/021**SANITARY
CASTERS**LIGHT DUTY**

An ICWM standard. Constructed of cold-rolled steel and embossed for extra strength, the 020 is a double ball-race caster, heat-treated for longer wear and greater strength.

020 Series Stem Casters:

A wide variety of stem casters in light, medium and heavy duty are also available. For additional information on stem casters refer to pages 60-67.

Applications:

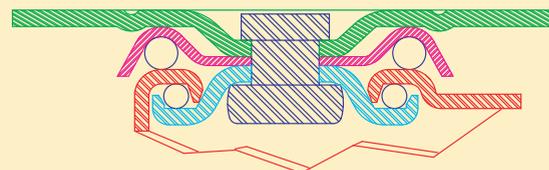
For equipment in the load range of 100 to 600 lbs. The 020 is designed for use on the following equipment: tool carts, food service trucks, hospital, appliance, office and other portable equipment.

Engineering Data:

- Larger diameter raceways.
- $\frac{3}{8}$ " hydraulically upset kingpin.
- Heat treated wrap-around brackets.
- Vibratory finish means smart, bright appearance.

Standard Features/Components:

- Zinc plated.
- $\frac{5}{16}$ " shouldered nut and bolt axles for wheel replacement.
- Lock nuts for security.

Raceway Construction:**Wheels & Optional Extras:**

Payrock Hard Tread
rubber fibrous compound



Peejay
polyolefin plastic



Payflex Soft Rubber
non-marking tread



Payron Semi-Steel
high tensile sintered iron



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane

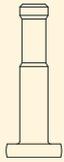


TG Thread Guards
cannot be used
with WK brakes



WK Brake
locks wheel, not used with
Thread Guards

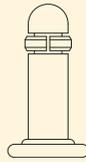
020 Swivel Stems Available:



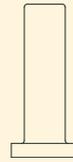
022 Grip Neck
 $\frac{5}{16}$ x $1\frac{1}{2}$ " use with "HI" Socket



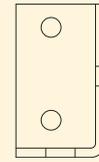
"HI" Grip Neck Socket
 automatically supplied with "022" order



023 Friction Ring
 $\frac{7}{16}$ x $1\frac{7}{8}$ "; $\frac{3}{8}$ x $1"$



027 Plain Round
 $\frac{7}{16}$ x $1\frac{7}{8}$ " use with "PS" Sockets



028 Angle Iron
 1 x $2\frac{1}{16}$ "



026 Octagon
 $\frac{3}{4}$ x $2\frac{1}{16}$ "



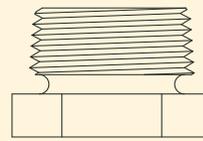
024 Threaded
 $\frac{5}{16}$ - 18 x $1\frac{1}{2}$ "
 $\frac{3}{8}$ - 16 x $1\frac{1}{2}$ "
 $\frac{7}{16}$ - 14 x $1\frac{1}{2}$ "
 $\frac{1}{2}$ - 13 x $1\frac{1}{2}$ "



"PS" Grip Ring Sockets: 000870-PS
 May be ordered with 027 stem caster for use with $1"$ x 16 metal gauge tubing or $\frac{7}{8}"$ I.D.



"PS" Grip Ring Sockets: 00906-PS
 May be ordered with 027 stem caster for use with $1"$ x 18 metal gauge tubing or $\frac{29}{32}"$ I.D.



025 Pipe Tapered Thread
 $\frac{3}{4}$ NPT, 1 NPT (National Pipe Thread, Nominal Dimen.)



029 Expandable
 $\frac{7}{8}"$ x $1\frac{7}{8}"$ (see page 53 for available sizes)

To order a stem caster, change the first three digits of the model number to one of the three digit prefixes listed. If the stem has multiple variations, also list the stem size. Example: the 020-40X becomes a $\frac{3}{8}$ - 16 x $\frac{1}{2}"$ threaded stem by replacing the 020 with 024 and adding the stem size, i.e. 024 - 40X - $\frac{3}{8}$ - 16 x $1\frac{1}{2}"$. No Rigid Stem Casters Available.

020 SWIVEL & 021 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Delrin Bearings Oilite Bearings	Rigid Plain, Delrin Bearings Oilite Bearings						
2	$\frac{7}{8}$	Payron	150	020-2PS		021-2PS		1	2	$2\frac{3}{4}$	Width by Length: $1\frac{1}{4}$ x 3
		Payflex	90		020-20X		021-20X	$\frac{5}{8}$			
		Payrock	150		020-20H		021-20H				
		Peejay	100	020-2PJ		021-2PJ					
$2\frac{1}{2}$	$\frac{7}{8}$	Payflex	90		020-2 $\frac{1}{2}$ OX		021-2 $\frac{1}{2}$ OX		$\frac{3}{4}$	$2\frac{1}{2}$	$3\frac{3}{16}$	Bolt Hole Spacing: $1$ x $2\frac{1}{4}$
		Peejay	110	020-2 $\frac{1}{2}$ PJ		021-2 $\frac{1}{2}$ PJ					
3	$1\frac{3}{16}$	Payflex	100		020-30X		021-30X	1	$2\frac{3}{4}$	$3\frac{13}{16}$	Size of Bolt Holes: $1\frac{1}{4}$
		Payrock	150		020-30H		021-30H				
	$\frac{7}{8}$	Peejay	125	020-3PJ		021-3PJ					
		Mirakush	125	020-3DR		021-3DR					
4	$1\frac{5}{16}$	Miratek	145	020-3DF		021-3DF		$1\frac{1}{2}$	$3\frac{3}{8}$	$4\frac{3}{4}$	Bolt Hole Spacing: $1\frac{1}{4}$ x $2\frac{7}{8}$ - 3
		Payflex	120		020-40X		021-40X				
	Payrock	150		020-40H		021-40H					
	Mirakush	135	020-4DR		021-4DR						
5	$1\frac{5}{16}$	Miratek	145	020-4DF		021-4DF		2	$4\frac{1}{8}$	$5\frac{3}{4}$	Size of Bolt Holes: $2\frac{1}{4}$
		Payflex	130		020-50X		021-50X				
	Payrock	150		020-50H		021-50H					
	Mirakush	145	020-5DR		021-5DR						
5	$1\frac{5}{16}$	Miratek	165	020-5DF		021-5DF					

- Weights shown represent swivels, rigid casters weigh approximately 15% less.
- Large Top Plate, standard with 4" and 5" models; Is available with 2 $\frac{1}{2}$ " and 3" Swivel Models.

Red = P.D.Q. (2 days or less)

X040/X041

LIGHT MEDIUM

The "X040" has two ball bearing swivel raceways. Construction is cold-rolled steel, embossed for added strength.

Application:

For equipment in the load range of 100 to 1000 lbs. Suited for food service, hospital equipment, laundries, dairies, furniture and appliances, electronic cabinets, etc.

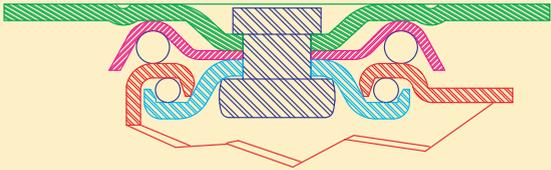
Standard Features / Components:

- Zinc plated.
- All models come with thread guards.
- $\frac{3}{8}$ " Shouldered axles.

Companion "X041" Rigid:

The "X041" is a solid, riveted construction, embossed for added strength.

Raceway Construction:

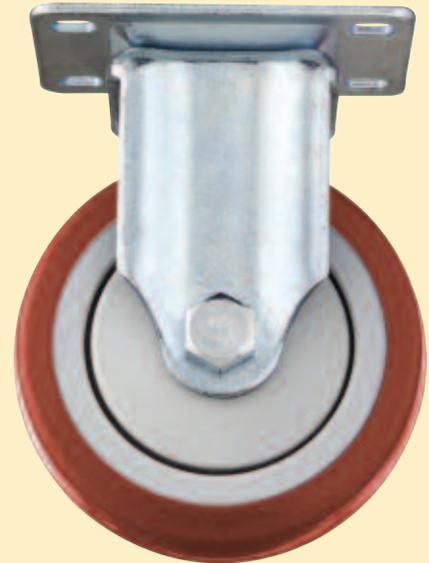


X040-4BE-WK

- 4" swivel
- Ball bearings
- Durakush thermoplastic elastomer wheel

X041-4BF

- 4" rigid
- Ball bearings
- Miratek polyurethane wheel



Wheels & Optional Extras:



Miratek
95 duro. red polyurethane



Durakush
thermo-plastic elastomer



TG Thread Guards
comes standard



WK Brake
locks wheel

040 SWIVEL & 041 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER			Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate Overall inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Ball Bearing	Swivel With Brake Ball Bearing	Rigid Ball Bearing				
3	1 1/4	TPR	125	X040-3BE	X040-3BE-WK	X041-3BE	1 3/4	2 1/16	4 1/16	Width by Length: 2 3/4 x 3 3/4
		Poly	210	X040-3BF	X040-3BF-WK	X041-3BF				
4	1 1/4	TPR	165	X040-4BE	X040-4BE-WK	X041-4BE	1 7/8	3%	5 1/8		Bolt Hole Spacing: 1 1/4 x 2 3/4 - 3
		Poly	240	X040-4BF	X040-4BF-WK	X041-4BF				
5	1 1/4	TPR	190	X040-5BE	X040-5BE-WK	X041-5BE	2	3 3/8	6 1/8	Size of Bolt Holes: 5/16
		Poly	260	X040-5BF	X040-5BF-WK	X041-5BF				

• All casters come standard with thread guards. • Rigid casters weigh approximately 15% less than swivels.

ST050/ST051

STAINLESS MEDIUM

The "050 Stainless" has a double ball raceway. Constructed of stainless steel and embossed for strength.

Applications:

For equipment in the load range of 100 to 1200 lbs. Ideal for food service equipment, hospitals, laundries, dairies, bakery racks, corrosive environments, etc.

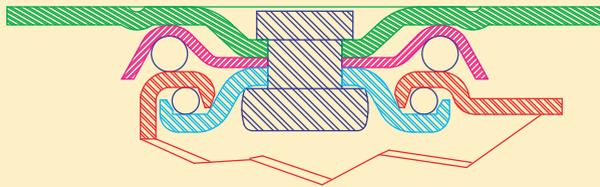
Standard Features/Components:

- Polished stainless finish.
- 3/8" stainless axle.

Companion "051 Stainless" Rigid:

Solid, one-piece construction, embossed for extra strength.

Raceway Construction:



ST050-4DR

- 4" swivel
- Delrin bearing
- Mirakush polyurethane wheel



ST051-4DF

- 4" rigid
- Delrin bearing
- Miratek polyurethane wheel

Wheels & Optional Extras:



Peejay
polyolefin plastic



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



WK Brake
locks wheel, not used with Thread Guards, swivel only

ST050 SWIVEL & ST051 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Delrin Bearings	Rigid Plain, Delrin Bearings				
3	1 1/4	Miratek	210	ST050-3BF	ST051-3BF	1 3/4	3	4 1/4	Width by Length: 2 1/2 x 3 5/8 Bolt Hole Spacing: 1 3/4 x 2 7/8 - 3 Size of Bolt Holes: 5/16
		Peejay	225	ST050-3PJ	ST051-3PJ				
4	1 1/4	Mirakush	200	ST050-4DR	ST051-4DR	2 1/2	3 1/2	5 1/8	
		Miratek	240	ST050-4DF	ST051-4DF				
		Peejay	275	ST050-4PJ	ST051-4PJ				
5	1 1/4	Mirakush	200	ST050-5DR	ST051-5DR	2 1/2	4	6 3/32	
		Miratek	240	ST050-5DF	ST051-5DF				
		Peejay	280	ST050-5PJ	ST051-5PJ				

• Option: For brakes, add suffix -WK • Rigid casters weigh approximately 15% less than swivels.

050-4BF

- 4" swivel
- Ball bearings
- Miratek polyurethane wheel

**051-40X**

- 4" rigid
- Oilite bearing
- Payflex soft rubber wheel



050/051

SANITARY
CASTERS

MEDIUM

The 050 has two separate ball bearing swivel raceways. Construction is cold-rolled steel, embossed for strength and heat-treated for long wear.

Applications: For equipment in the load range of 100 to 1200 lbs. Well suited for food service, hospitals, laundry, dairies, furniture and appliances, electronic cabinets, etc.

Engineering Data:

- 1/2" hydraulically upset kingpin with 3" through 6" models.
- 3/8" kingpin with 2 1/2" casters.
- Brackets, both upper and lower swivel raceways heat-treated.
- Cold-formed steel parts are vibratory finished.

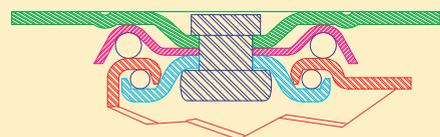
Standard Features/Components:

- Zinc plated.
- 3/8" shouldered axles with 3" through 6" models.
- 5/16" shouldered axles with 2 1/2" casters.

Companion 051 Rigid: 051 is a solid, one-piece steel construction, embossed for extra strength.

050 Series Stem Casters: A wide variety of stem casters in light, medium and heavy duty are also available. For additional information on stem casters refer to pages 60-67.

Raceway Construction:



Wheels & Optional Extras:



Payrock Hard Tread
rubber fibrous compound



Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Payron Semi-Steel
high tensile sintered iron



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Payflex Soft Rubber
non-marking tread



Broncushion
60 duro. gray rubber



WS Wheel Seals
locks out foreign matter



SK Brake
locks wheel & swivel
simultaneously. Available:
3 1/2, 4, 5, 6" wheels only

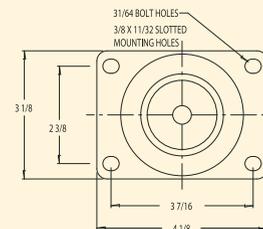


TG Thread Guards
cannot be used with
WK brakes



WK Brake
locks wheel, not used with
Thread Guards, swivel only

"B" Top Plate
3-5" models

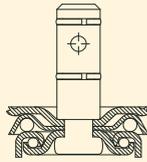


050 Swivel Stems Available:



056 Octagon

3/4 x 2 1/8"
See page 67.



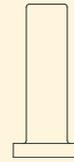
053 SK

See page 69 for available sizes.



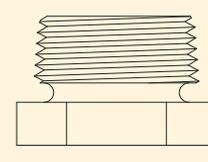
059 Expandable

7/8" to 1 1/8"
See page 49 for available sizes.



053 Plain Round

5/8 x 2"; 3/4 x 2 1/2"
See page 61.



055 Pipe Tapered Thread

Thread; 3/4 NPT, 1 NPT (National Pipe Thread, Nominal Dimen.) See page 65.



054 Threaded

7/16 - 14 x 1 1/2"
1/2 - 13 x 1 1/2"
5/8 - 11 x 2"
See page 63.

To order a stem caster, change the first three digits of the model number to one of the three prefixes listed above. Example: the 050-30H becomes a plain round stem caster by eliminating the 050 and adding 053, i.e. 053-30H. To order a stem size variation, add the size as a suffix to the part number, i.e. Z054-40H-5/8 for the 5/8-11 x 2 threaded stem. Rigid Stem Casters Available.

050 SWIVEL & 051 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Roller, Ball Bearings	Rigid Plain, Oilite, Delrin Bearings	Roller, Ball Bearings					
2 1/2	1	Payron	300	050-2 1/2PS		051-2 1/2PS		1 1/4	2 3/8	3 7/16	Rigid top plate is 2 3/4 Wide	
	1 1/8	Payflex	140	050-2 1/2OX		051-2 1/2OX		1 1/4				
		Payrock	200	050-2 1/2OH		051-2 1/2OH		1 1/4				
3	1 1/4	Payron	300	050-3PS	050-3US	051-3PS	051-3US	2 1/2	1 3/4	2 3/8		4
		Payflex	150	050-3OX		051-3OX		1 3/4				
	Payrock	270	050-3OH		051-3OH		1 3/4					
	Plexite	300		050-3UM		051-3UM		1 3/4				
	Peejay	225	050-3PJ		051-3PJ		1 3/4					
3 1/2	1 1/4	Payflex	200	050-3 1/2OX		051-3 1/2OX		2 1/4	3 5/16	4 3/4		
		Payrock	280	050-3 1/2OH		051-3 1/2OH		2 1/4				
	1 1/8	Mirakush	200	050-3 1/2DR	050-3 1/2BR	051-3 1/2DR	051-3 1/2BR	2				
		Miratek	250	050-3 1/2DF	050-3 1/2BF	051-3 1/2DF	051-3 1/2BF	2				
4	1 1/4	Broncushion	150		050-4BN		051-4BN	2 1/2	3 3/16	5		
		Payflex	200	050-4OX		051-4OX						
		Payrock	290	050-4OH		051-4OH						
	1 3/8	Plexite	300		050-4UM		051-4UM	2 1/8				
		Mirakush	200	050-4DR	050-4BR	051-4DR	051-4BR					
		Miratek	240	050-4DF	050-4BF	051-4DF	051-4BF					
1 1/4	Peejay	275	050-4PJ		051-4PJ							
5	1 1/4	Broncushion	170		050-5BN		051-5BN	3	4 5/16	6 3/16		
		Payflex	200	050-5OX		051-5OX						
		Payrock	300	050-5OH		051-5OH						
	1 3/8	Plexite	325		050-5UM		051-5UM	2 1/2				
		Mirakush	200	050-5DR	050-5BR	051-5DR	051-5BR					
	1 1/8	Miratek	240	050-5DF	050-5BF	051-5DF	051-5BF					
		Peejay	280	050-5PJ		051-5PJ						
6	1 3/8	Payflex	240	050-6OX		051-6OX		3 1/2	4 1 1/16	7 1/16		
		Payrock	320	050-6OH		051-6OH						
	1 1/4	Mirakush	275	050-6DR	050-6BR	051-6DR	051-6BR	2 3/4				
		Miratek	325	050-6DF	050-6BF	051-6DF	051-6BF					

Red = P.D.Q. (2 days or less)



060-4PS

- 4" swivel
- Plain bore
- Payron semi-steel wheel



061-5UM

- 5" rigid
- Anti-friction roller bearing
- Plexite phenolic wheel

060/061

SANITARY
CASTERS

MEDIUM

The 060 is a light medium caster with two precise bearing swivel raceways, heat-treated for longer service and embossed for extra strength.

Applications:

For equipment in the range of 200 to 1200 lbs. Ideally suited for warehouse carts, furniture and appliance trucks, equipment for hospitals, stores, hotels, etc.

Engineering Data:

- ½" hydraulically upset kingpin.
- .187" thick steel top plate.
- Large diameter raceways; hardened.
- Stylish wrap-around, heat-treated bracket of cold-rolled steel.

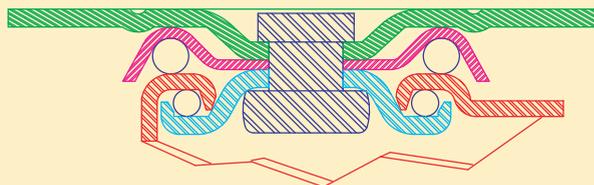
Standard Features/Components:

- Zinc plated finish.
- ⅜" shoulder bolt axle.
- Roller bearing wheels have ½ x ⅜ x 1⅝" spanner.

Companion "060" Rigid:

Embossed legs welded to top plate.

Raceway Construction:



Wheels & Optional Extras:



Payrock Hard Tread
rubber fibrous compound



Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Payron Semi-Steel
high tensile sintered iron



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Payflex Soft Rubber
non-marking tread



WS Wheel Seals
locks out foreign matter



WK Brake
locks wheel, not used with
Thread Guards, swivel only



SK Brake
locks wheel & swivel
simultaneously. Available:
3½, 4, 5, 6" wheels only



TG Thread Guards
cannot be used with
WK brakes

060 SWIVEL & 061 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings		Rigid Plain, Oilite, Delrin Bearings					
3	1¼	Payron	300	060-3PS	060-3US	061-3PS	061-3US	2¾	2⅝	4⅞	Width by Length: 3¼ x 4⅝
	1⅝	Payflex	150	060-3OX		061-3OX		2			
		Payrock	270	060-3OH		061-3OH					
	1¾	Plexite	300		060-3UM		061-3UM				
3½	1¼	Payflex	200	060-3½OX		061-3½OX		2½	3⅝	4⅞	
		Payrock	280	060-3½OH		061-3½OH					
	1⅝	Mirakush	200	060-3½DR	060-3½BR	061-3½DR	061-3½BR	2¼			
		Miratek	250	060-3½DF	060-3½BF	061-3½DF	061-3½BF				
4	1⅝	Payron	400	060-4PS		061-4PS		4¼	3⅝	5⅞	
	1¾	Payflex	200	060-4OX		061-4OX		2¾			
		Payrock	290	060-4OH		061-4OH					
	1⅝	Plexite	375		060-4UM		061-4UM				
	1⅝	Mirakush	200	060-4DR	060-4BR	061-4DR	061-4BR	2⅝			
		Miratek	240	060-4DF	060-4BF	061-4DF	061-4BF				
1¾	Peejay	275	060-4PJ		061-4PJ						
5	1½	Payflex	220	060-5OX		061-5OX		3⅝	4⅝	6⅞	
		Payrock	310	060-5OH		061-5OH					
	1⅝	Plexite	350		060-5UM		061-5UM	2¾			
		Mirakush	200	060-5DR	060-5BR	061-5DR	061-5BR				
	1⅝	Miratek	240	060-5DF	060-5BF	061-5DF	061-5BF				
		Peejay	280	060-5PJ		061-5PJ					
6	1⅝	Payflex	250	060-6OX		061-6OX		3¾	4⅞	7⅞	
		Payrock	340	060-6OH		061-6OH					
	1⅝	Mirakush	275	060-6DR	060-6BR	061-6DR	061-6BR	3			
		Miratek	325	060-6DF	060-6BF	061-6DF	061-6BF				

Size of Bolt Holes: 2⅝/4

Bolt Hole Spacing:
2⅝ x 3⅝
slotted to
3 x 3



070-5UV

- 5" swivel
- Anti-friction roller bearing
- Bronco molded rubber on aluminum core wheel



071-5UM

- 5" rigid
- Anti-friction roller bearing
- Plexite phenolic wheel

070/071 SANITARY CASTERS

MEDIUM DUTY

The 070 is a high quality precision swivel caster with two separate, large diameter ball bearing raceways. Construction is of heavy gauge cold-rolled steel, embossed for additional strength and style.

Applications:

For equipment in the range of 500 to 2000 lbs. A versatile caster of wide usage on both institutional and industrial platforms where precise operation is required.

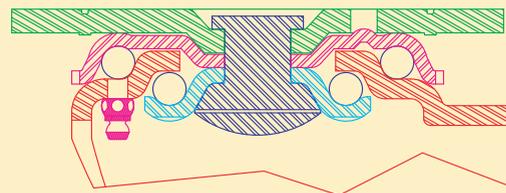
Engineering Data:

- .225 top plate.
- One-piece .149 wrap-around bracket staked to .165 top cup.
- $\frac{5}{8}$ " hydraulically upset kingpin.
- .149 bottom cup.
- Case hardened.

Standard Features/Components:

- Zinc plated finish.
- Lubrication fittings for swivel and wheel.
- $\frac{1}{2}$ " axles for 5 & 6" models.
- $\frac{3}{8}$ " axles for 4" models.
- $\frac{5}{8}$ x $\frac{1}{2}$ x 2" hardened spanners for 5 & 6" models.
- $\frac{1}{2}$ x $\frac{3}{8}$ x $1\frac{1}{8}$ " hardened spanners for 4" models.

Raceway Construction:



070 Swivel Stems:



073 Round Stem

$\frac{3}{4}$ x 2 $\frac{1}{2}$ "
See page 61.



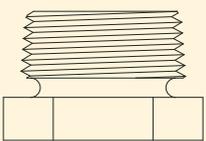
074 Threaded

$\frac{3}{4}$ - 10 x 2 $\frac{1}{2}$ "
 $\frac{5}{8}$ - 11 x 2" option
See page 63.



076 Octagon

$\frac{3}{4}$ x 2 $\frac{1}{8}$ "
See page 67.



075 Pipe Tapered Thread

$\frac{3}{4}$ NPT, 1 NPT
(National Pipe Thread, Nominal Dimen.) See page 65.

To order a stem caster, change the first three digits of the model number to one of the three prefixes listed. Example: the 070-4UM becomes a threaded stem caster by eliminating the 070 and adding 074, i.e. 074-4UM. Rigid Stem Casters available.

Wheels & Optional Extras:



Bronco Mold-On
rubber bonded to aluminum center



Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Payron Semi-Steel
high tensile sintered iron



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Payflex Soft Rubber
non-marking tread



V-groove
machine grooved steel



Payrock Hard Tread
rubber fibrous compound



SK Brake
locks wheel & swivel simultaneously. Available: 5, 6" wheels only



SL 4-Position Swivel Lock
plunger engages at 90° angles



SS Swivel Seal
Neoprene seals protect swivel raceways



WS Wheel Seals
locks out foreign matter



TG Thread Guards
cannot be used with WK brakes



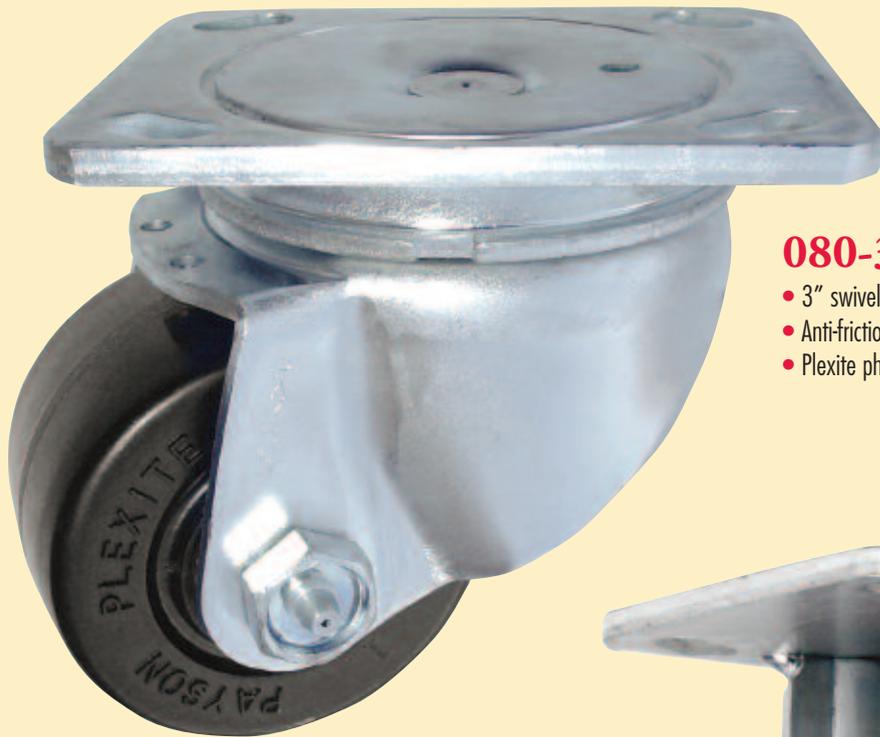
WK Brake
locks wheel, not used with Thread Guards, swivel only

070 SWIVEL & 071 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Roller Bearings	Rigid Plain, Oilite, Delrin Bearings	Roller Bearings				
4	1 1/2	Payron	600	070-4PS	070-4US	071-4PS	071-4US	3 3/4	3 1/16	5 3/8	Width by Length: 3 3/4 x 4 5/8
		Payflex	250	070-40X		071-40X					
		Payrock	400	070-40H		071-40H					
		Bronco	300		070-4UV		071-4UV				
		Plexite	600	070-4DM	070-4UM	071-4DM	071-4UM				
		Mirakush	300	070-4DK	070-4UK	071-4DK	071-4UK				
		Miratek	400	070-4DT	070-4UT	071-4DT	071-4UT				
		Peejay	400	070-4PJ		071-4PJ					
		V-Groove	800		070-4USG		071-4USG				
5	1 1/2	Payron	600	070-50S	070-5US	071-50S	071-5US	4 1/2	4 5/16	6 5/16	Bolt Hole Spacing: 2 5/8 x 3 3/8 slotted to 3 x 3
		Payflex	270	070-50X		071-50X					
		Payrock	400	070-50H		071-50H					
		Bronco	325		070-5UV		071-5UV				
		Plexite	600	070-5DM	070-5UM	071-5DM	071-5UM				
		Mirakush	350	070-5DK	070-5UK	071-5DK	071-5UK				
		Miratek	500	070-5DT	070-5UT	071-5DT	071-5UT				
		Peejay	450	070-5PJ		071-5PJ					
6	1 1/2	Payflex	290	070-60X		071-60X		5	4 15/16	7 1/16	Size of Bolt Holes: 2 5/16
		Payrock	430	070-60H		071-60H					
		Bronco	350		070-6UV		071-6UV				
		Plexite	800	070-6DM	070-6UM	071-6DM	071-6UM				
		Mirakush	420	070-6DK	070-6UK	071-6DK	071-6UK				
		Miratek	560	070-6DT	070-6UT	071-6DT	071-6UT				

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

Red = P.D.Q. (2 days or less), details on page 5



080-3UM

- 3" swivel
- Anti-friction roller bearing
- Plexite phenolic resin wheel



081-3UL

- 3" rigid
- Anti-friction roller bearing
- Solid poly wheel

080/081

SANITARY
CASTERS

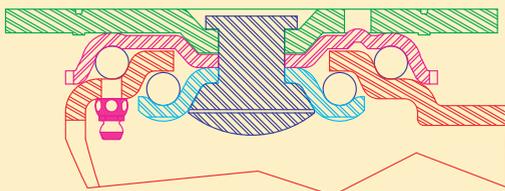
MEDIUM HEAVY

The 080 has been especially designed to carry heavy loads in which a low overall height and wide tread wheel are essential ingredients. Construction is of heavy gauge, cold-rolled steel, double ball bearing design, embossed for additional strength and style.

Applications:

For equipment in the range of 1500 - 5000 lbs. Large wheel selection allows for a variety of general applications. Especially suited for rugged conditions. Stem model available - consult factory.

Raceway Construction:



Standard Engineering Data:

- .225 top plate.
- $\frac{5}{8}$ " hydraulically upset kingpin.
- One-piece .149 wrap-around bracket staked to .165 top cup.
- .149 bottom cup.
- Case hardened.
- $\frac{1}{2}$ " axle.
- Zinc plated.
- Lubrication fittings.

Companion "081" Rigid:

.149 embossed legs welded to a .225 top plate.

Wheels & Optional Extras:



Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Paythane
solid polyurethane



WS Wheel Seal
locks out foreign matter



TG Thread Guards
cannot be used with
WK brakes



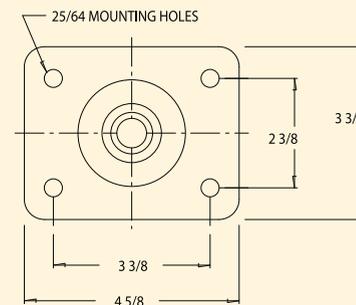
**SL 4-Position
Swivel Lock**
plunger engages
at 90° angles



WK Brake
locks wheel, not used with
Thread Guards, swivel only



SS Swivel Seal
Neoprene seals protect
swivel raceways



"B" Top Plate
Suffix -B

080 SWIVEL & 081 RIGID SPECIFICATIONS										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate Standard, Swivel, Rigid	Top Plate -B Optional, Swivel Only
Diameter inches	Width inches	Type	Cap Each lbs	Swivel	Rigid					
3	1 13/16	Plexite Roller Bearing	700	080-3UM	081-3UM	3 1/2	3 3/16	4 1/4	Width by Length: 3 3/4 x 4 5/8" Bolt Hole Spacing: 2 5/8 x 3 5/8" slotted to 3 x 3" Bolt Hole Size: 25/64" holes	Width by Length: 3 3/4 x 4 5/8" Bolt Hole Spacing: 2 3/8 x 3 3/8" spacing Bolt Hole Size: 2 1/64" holes
		Plexite Delrin Bearing	700	080-3DM	081-3DM					
3	1 13/16	Solid Poly Roller Bearing	700	080-3UL	081-3UL	3 1/2	3 3/16	4 1/4	Width by Length: 3 3/4 x 4 5/8" Bolt Hole Spacing: 2 5/8 x 3 5/8" slotted to 3 x 3" Bolt Hole Size: 25/64" holes	Width by Length: 3 3/4 x 4 5/8" Bolt Hole Spacing: 2 3/8 x 3 3/8" spacing Bolt Hole Size: 2 1/64" holes
		Solid Poly Delrin Bearing	700	080-3DL	081-3DL					
		Polyolefin Plain Bore	600	080-3PJ	081-3PJ					

L080 LIGHT DUTY SPECIFICATIONS										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate Standard, Swivel, Rigid	Top Plate -B Optional, Swivel Only
Diameter inches	Width inches	Type	Cap Each lbs	Swivel	Rigid					
3	1 13/16	Polyolefin Plain Bore	300	L080-3PJ	L081-3PJ	1	3 1/4	3 1 1/16	Width by Length: 2 1/2 x 3 3/4". Spacing 1 3/4 x 2 7/8 - 3" Bolt Hole Size: 2 1/64	

- Weights shown represent swivels; Rigid casters weigh approximately 15% less.
- Standard Top Plate will be supplied unless -B Optional is specified. For example: 080-3UM-B



191-4UM

- 4" rigid
- Anti-friction roller bearing
- Plexite phenolic wheel



190-6UP

- 6" swivel
- Anti-friction roller bearing
- Payvulc rubber on iron core

New Spring Loaded Option



190-6UV-SPL
SPL Spring Loaded
6" and 8"

190/191

MEDIUM HEAVY DUTY

The 190 is a medium heavy duty cold-forged steel series, with two separate and large diameter ball bearing raceways.

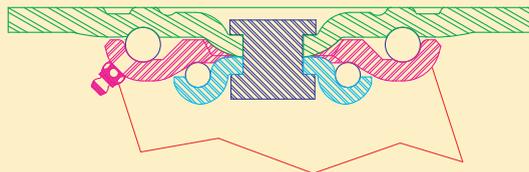
Applications:

Refuse containers, industrial carts, platform trucks, etc.

Engineering Data:

- 1/4" balls for lower raceway.
- 5/16" load balls.
- 1/4" cold-forged top plate.
- 1/4" upper and lower raceways.
- 5/16" integral kingpin.

Raceway Construction:



Wheels & Optional Extras:



Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Payvulc
mold-on rubber



Broncushion
60 duro. rubber



Bronco Mold-On
rubber bonded to
aluminum center



Durakush
thermoplastic
elastomer



Payrock Hard Tread
rubber fibrous
compound



Payflex Soft Rubber
non-marking tread

190 SWIVEL & 191 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid					
				Plain, Ball, Oilite, Delrin Bearings	Roller Bearings	Plain, Ball, Oilite, Delrin Bearings	Roller Bearings				
4	2	Payron	550	190-40S	190-4US	191-40S	191-4US	5	3 1/2	5%	
		Payflex	300	190-40X		191-40X					
		Payrock	450	190-40H		191-40H					
		Durakush	350	190-4BE	190-4UE	191-4BE	191-4UE				
		Bronco	325	190-4BV	190-4UV	191-4BV	191-4UV				
		Plexite	500	190-4DM	190-4UM	191-4DM	191-4UM				
		Mirakush	380	190-4DK	190-4UK	191-4DK	191-4UK				
		Miratek	500	190-4DT	190-4UT	191-4DT	191-4UT				
		Peejay	450	190-4PJ	190-4UJ	191-4PJ	191-4UJ				
		Payvulc	325		190-4UP		191-4UP				
5	2	Payron	700	190-50S	190-5US	191-50S	191-5US	5 1/2	4 1/8	6 1/2	Width by Length: 4 x 4 1/2
		Payflex	325	190-50X		191-50X					
		Payrock	450	190-50H		191-50H					
		Durakush	375	190-5BE	190-5UE	191-5BE	191-5UE				
		Bronco	375	190-5BV	190-5UV	191-5BV	191-5UV				
		Plexite	700	190-5DM	190-5UM	191-5DM	191-5UM				
		Mirakush	450	190-5DK	190-5UK	191-5DK	191-5UK				
		Miratek	700	190-5DT	190-5UT	191-5DT	191-5UT				
		Peejay	550	190-5PJ	190-5UJ	191-5PJ	191-5UJ				
		Payvulc	375		190-5UP		191-5UP				
6	2	Payron	850	190-60S	190-6US	191-60S	191-6US	7	4 3/4	7 1/2	Bolt Hole Spacing: 2 5/8 x 3 5/8 slotted to 3 x 3 Size of Bolt Holes: 25/64
		Payflex	400	190-60X		191-60X					
		Payrock	560	190-60H		191-60H					
		Durakush	550	190-6BE	190-6UE	191-6BE	191-6UE				
		Bronco	410	190-6BV	190-6UV	191-6BV	191-6UV				
		Paythane	820		190-6UL		191-6UL				
		Plexite	820	190-6DM	190-6UM	191-6DM	191-6UM				
		Mirakush	540	190-6DK	190-6UK	191-6DK	191-6UK				
		Miratek	820	190-6DT	190-6UT	191-6DT	191-6UT				
		Peejay	700	190-6PJ	190-6UJ	191-6PJ	191-6UJ				
		Payvulc	410		190-6UP		191-6UP				
		Broncushion	350	190-6BN	190-6UN	191-6BN	191-6UN				
V-Groove	850		190-6USG		191-6USG						
8	2	Payron	1050	190-80S	190-8US	191-80S	191-8US	8 1/2	5 3/4	9 1/2	
		Durakush	650	190-8BE	190-8UE	191-8BE	191-8UE				
		Bronco	500	190-8BV	190-8UV	191-8BV	191-8UV				
		Paythane	1000		190-8UL		191-8UL				
		Plexite	1000	190-8DM	190-8UM	191-8DM	191-8UM				
		Mirakush	700	190-8DK	190-8UK	191-8DK	191-8UK				
		Miratek	1000	190-8DT	190-8UT	191-8DT	191-8UT				
		Peejay	750	190-8PJ	190-8UJ	191-8PJ	191-8UJ				
		Payvulc	500		190-8UP		191-8UP				
		Broncushion	450	190-8BN	190-8UN	191-8BN	191-8UN				
		V-Groove	1050		190-8USG		191-8USG				

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.



Payron Semi-Steel
high tensile sintered iron



Miratuff
95 duro. red polyurethane



Mirakush
85 duro. gray polyurethane



V-groove
machine grooved steel



Paythane
polyurethane bonded to a metal center



TG Thread Guards
cannot be used with WK brakes



WK Brake
locks wheel, not used with Thread Guards



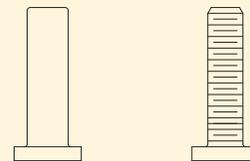
WS Wheel Seals
locks out foreign matter

ST191-8DM

- 8" rigid
- Delrin bearing
- Plexite phenolic wheel

**ST190-6DK**

- 6" swivel
- Delrin bearing
- Mirakush polyurethane wheel

**Optional
Stem Casters****193 Round Stem 194 Threaded Stem**

Available for Swivel and Rigid

ST190/ST191

MEDIUM HEAVY STAINLESS

The "190 Stainless" has a double ball raceway. Constructed of stainless steel.

Applications:

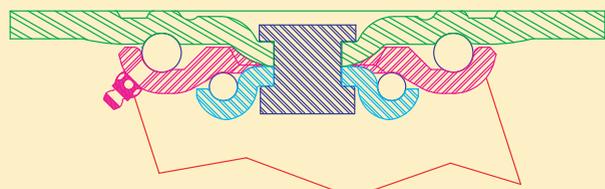
For equipment in the load range of 325 to 3400 lbs. Ideal for food service equipment, wash down and stem clean applications, hospitals, laundries, dairies, large bakery racks, corrosive environments, etc.

Standard Features/Components:

- Polished stainless finish.
- ½" stainless axle.
- ⅝" nut and bolt kingpin.

Companion "191 Stainless" Rigid:

Solid construction, embossed legs for extra strength.

Raceway Construction:

Wheels & Optional Extras:



Miratek

95 duro. red polyurethane



Mirakush

85 duro. gray polyurethane



Peejay

polyolefin plastic



Plexite Phenolic

macerated canvas



Durakush

thermoplastic elastomer



Bronco Mold-On

rubber bonded to aluminum center



SL 4-Position Swivel Lock

plunger engages at 90° angles



WK Brake

locks wheel, not used with Thread Guards, swivel only

ST190 SWIVEL & ST191 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid					
				Plain Bearings	Delrin Bearings	Plain Bearings	Delrin Bearings				
4	2	Phenolic	500		ST190-4DM		ST191-4DM	5	3 ³ / ₁₆	5 ⁵ / ₁₆	Width by Length: 4 x 4 ¹ / ₂ Bolt Hole Spacing: 2 ⁵ / ₁₆ x 3 ³ / ₁₆ slotted to 3 x 3 Size of Bolt Holes: 3 ³ / ₁₆
		Miratek	500		ST190-4DT		ST191-4DT				
		Mirakush	380		ST190-4DK		ST191-4DK				
		Bronco	325		ST190-4DV		ST191-4DV				
		Durakush	350		ST190-4DE		ST191-4DE				
		Polyolefin	450	ST190-4PJ	ST190-4DJ	ST191-4PJ	ST191-4DJ				
5	2	Phenolic	700		ST190-5DM		ST191-5DM	5 ¹ / ₂	3 ⁷ / ₁₆	6 ¹ / ₂	
		Miratek	700		ST190-5DT		ST191-5DT				
		Mirakush	450		ST190-5DK		ST191-5DK				
		Bronco	375		ST190-5DV		ST191-5DV				
		Durakush	375		ST190-5DE		ST191-5DE				
		Polyolefin	550	ST190-5PJ	ST190-5DJ	ST191-5PJ	ST191-5DJ				
6	2	Phenolic	850		ST190-6DM		ST191-6DM	7	4 ¹ / ₂	7 ¹ / ₂	
		Miratek	820		ST190-6DT		ST191-6DT				
		Mirakush	700		ST190-6DK		ST191-6DK				
		Bronco	450		ST190-6DV		ST191-6DV				
		Durakush	450		ST190-6DE		ST191-6DE				
		Polyolefin	850	ST190-6PJ	ST190-6DJ	ST191-6PJ	ST191-6DJ				
8	2	Phenolic	850		ST190-8DM		ST191-8DM	8	6	9 ¹ / ₂	
		Miratek	850		ST190-8DT		ST191-8DT				
		Mirakush	700		ST190-8DK		ST191-8DK				
		Bronco	450		ST190-8DV		ST191-8DV				
		Durakush	450		ST190-8DE		ST191-8DE				
		Polyolefin	750	ST190-8PJ	ST190-8DJ	ST191-8PJ	ST191-8DJ				

- Option: For brakes, add suffix -WK.
- Rigid casters weight approximately 15% less than swivels.



201-6UM

- 6" rigid
- Anti-friction roller bearings
- Plexite phenolic wheel
- Standard top plate



200-6UT

- 6" swivel
- Anti-friction roller bearings
- Miratek polyurethane wheel
- Standard top plate

Wheels & Optional Extras:



Paythane
polyurethane bonded to
a metal center



Bronco Mold-On
rubber bonded to
aluminum center



Durakush
thermoplastic
elastomer



**Payflex Soft
Rubber**
non-marking tread



Payron Semi-Steel
high tensile
sintered iron



Miratek
95 duro. red
polyurethane



Mirakush
85 duro. gray
polyurethane



**Payrock Hard
Rubber**
fibrous compound



Peejay
polyolefin plastic



**Plexite
Phenolic**
macerated canvas



Payvul
mold-on rubber



V-groove
machine grooved
steel



Broncushion
60 duro. rubber



WK Brake
locks wheel, not
used with Thread
Guards, swivel only



**TG Thread
Guards**
cannot be used
with WK brakes



**WS Wheel
Seals**
locks out
foreign matter



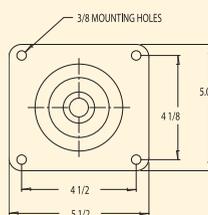
**SL 4-Position
Swivel Lock**
plunger engages
at 90° angles



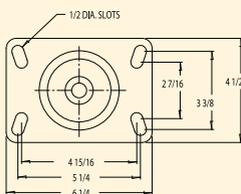
SK Brake
locks wheel
& swivel
simultaneously.



SS Swivel Seal
Neoprene seals
protect swivel
raceways



B Top Plate
Suffix -B as 200-6UK-L



C Top Plate
Suffix -C as 200-6UK-C

200/201

MEDIUM HEAVY

SANITARY
CASTERS

The 200 is a precision-built swivel caster with two perfectly aligned swivel raceways. All the cold-formed parts are made to exacting tolerances from heavy gauge steel and are hardened for severe service and long wear.

Applications:

For equipment in the range of 500 to 5000 lbs. A large selection of wheels makes it adaptable to a variety of industrial and institutional equipment. Widely used on warehouse trucks, refuse containers, linen carts, etc.

Engineering Data:

- .225 top plate.
- One-piece .187 wrap-around bracket staked to a .165 top cup.
- $\frac{5}{8}$ " hydraulically upset kingpin.
- .149 bottom cup.
- Case hardened.

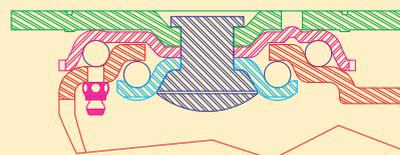
Companion 201 Rigid:

.187 embossed legs welded to a .225 top plate.

Standard Features /Components:

- Zinc plated vibratory finish.
- Lubrication fittings for swivel and wheel.
- $\frac{1}{2}$ " nut and bolt axles.
- $\frac{3}{4}$ x $\frac{1}{2}$ x $2\frac{5}{16}$ " hardened spanners.

Raceway Construction:



200 SWIVEL & 201 RIGID SPECIFICATIONS												
WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Ball, Oilite, Delrin Bearings		Rigid Plain, Ball, Oilite, Delrin Bearings						
4	2	Payron	700	200-40S	200-4US	201-40S	201-4US	6½	3%	5%		
		Payflex	300	200-40X		201-40X		5				
		Payrock	450	200-40H		201-40H						
		Durakush	350	200-4BE	200-4UE	201-4BE	201-4UE					
		Bronco	350	200-4BV	200-4UV	201-4BV	201-4UV					
		Plexite	800	200-4DM	200-4UM	201-4DM	201-4UM					
		Mirakush	450	200-4DK	200-4UK	201-4DK	201-4UK					
		Miratek	500	200-4DT	200-4UT	201-4DT	201-4UT					
		Paythane	800		200-4UL		201-4UL					6
		Peejay	450	200-4PJ	200-4UJ	201-4PJ	201-4UJ					4¾
Payvulc	350		200-4UP		201-4UP	6½						
5	2	Payron	900	200-50S	200-5US	201-50S	201-5US	7½	4⅞	6½	Width by Length: 3¾ x 4½	
		Payflex	330	200-50X		201-50X		5½				
		Payrock	450	200-50H		201-50H						
		Durakush	375	200-5BE	200-5UE	201-5BE	201-5UE					
		Bronco	400	200-5BV	200-5UV	201-5BV	201-5UV					
		Plexite	900	200-5DM	200-5UM	201-5DM	201-5UM					
		Mirakush	500	200-5DK	200-5UK	201-5DK	201-5UK					
		Miratek	700	200-5DT	200-5UT	201-5DT	201-5UT					
		Peejay	550	200-5PJ	200-5UJ	201-5PJ	201-5UJ					4½
		Paythane	900		200-5UL		201-5UL					7
Payvulc	400		200-5UP		201-5UP							
6	2	Payron	1000	200-60S	200-6US	201-60S	201-6US	9	4⅞	7½	Bolt Hole Spacing: 2⅝ x 3⅝ slotted to 3 x 3	
		Payflex	400	200-60X		201-60X		7				
		Payrock	560	200-60H		201-60H						
		Durakush	450	200-6BE	200-6UE	201-6BE	201-6UE					
		Bronco	450	200-6BV	200-6UV	201-6BV	201-6UV					
		Paythane	950		200-6UL		201-6UL					
		Plexite	1000	200-6DM	200-6UM	201-6DM	201-6UM					
		Mirakush	550	200-6DK	200-6UK	201-6DK	201-6UK					
		Miratek	820	200-6DT	200-6UT	201-6DT	201-6UT					
		Peejay	700	200-6PJ	200-6UJ	201-6PJ	201-6UJ					
		Payvulc	450		200-6UP		201-6UP					8
		Broncushion	350	200-6BN	200-6UN	201-6BN	201-6UN					
V-Groove	850		200-6USG		201-6USG	11						
8	2	Payron	1050	200-80S	200-8US	201-80S	201-8US	12½	6⅞	9½	Size of Bolt Holes: 2⅝/64	
		Durakush	450	200-8BE	200-8UE	201-8BE	201-8UE	8½				
		Bronco	500	200-8BV	200-8UV	201-8BV	201-8UV					
		Paythane	1000		200-8UL		201-8UL					
		Plexite	1050	200-8DM	200-8UM	201-8DM	201-8UM					
		Mirakush	700	200-8DK	200-8UK	201-8DK	201-8UK					
		Miratek	1000	200-8DT	200-8UT	201-8DT	201-8UT					
		Payvulc	500		200-8UP		201-8UP					10
		Broncushion	450	200-8BN	200-8UN	201-8BN	201-8UN					
		V-Groove	1050		200-8USG		201-8USG					12
Peejay	750	200-8PJ	200-8UJ	201-8PJ	201-8UJ	7						

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

Red = P.D.Q. (2 days or less), details on page 5



290-6US

- 6" swivel
- Anti-friction roller bearings
- Payron semi-steel wheel



291-6UM

- 6" rigid
- Anti-friction roller bearings
- Plexite phenolic wheel

290/291 HEAVY MEDIUM

The 290 offers the ultimate in a heavy medium duty cold-forged steel caster. Extraordinary design features allow for punishing service under severe operating conditions.

Applications:

For equipment in the range of 1500 to 5000 lbs. Large wheel selection allows for a variety of general applications. Especially suited for rugged conditions.

Engineering Data:

- $\frac{3}{4}$ " hydraulically upset kingpin.
- $\frac{5}{16}$ " thick cold-forged top plate.
- $\frac{1}{4}$ " cold-forged top cup with $\frac{5}{16}$ " balls.
- .194 embossed legs welded to top cup.
- All parts case hardened.

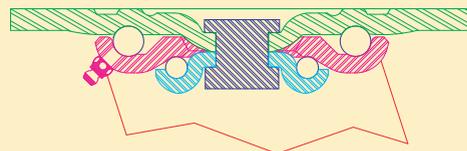
Standard Features/Components:

- Zinc plated finish.
- Lubrication fittings for swivel and wheel.
- $\frac{1}{2}$ " nut and bolt axles.
- $\frac{3}{4} \times \frac{1}{2} \times 2\frac{5}{16}$ " hardened spanners.

Companion 291 Rigid:

The 291 has thick, embossed legs welded to a husky top plate.

Raceway Construction:



Wheels & Optional Extras:



Miratek
95 duro. red polyurethane



Mirakush
85 duro. gray polyurethane



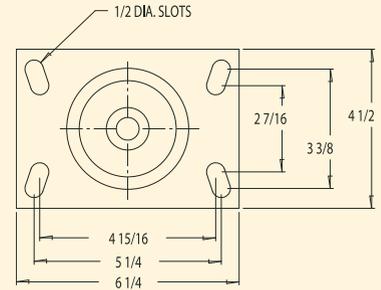
Peejay
polyolefin plastic



Payron Semi-Steel
high tensile sintered iron



V-groove
machine grooved steel



Top Plate C
Suffix -C



Plexite Phenolic
macerated canvas



Paythane
polyurethane bonded to a metal center



WS Wheel Seals
locks out foreign matter



TG Thread Guards
cannot be used with WK brakes

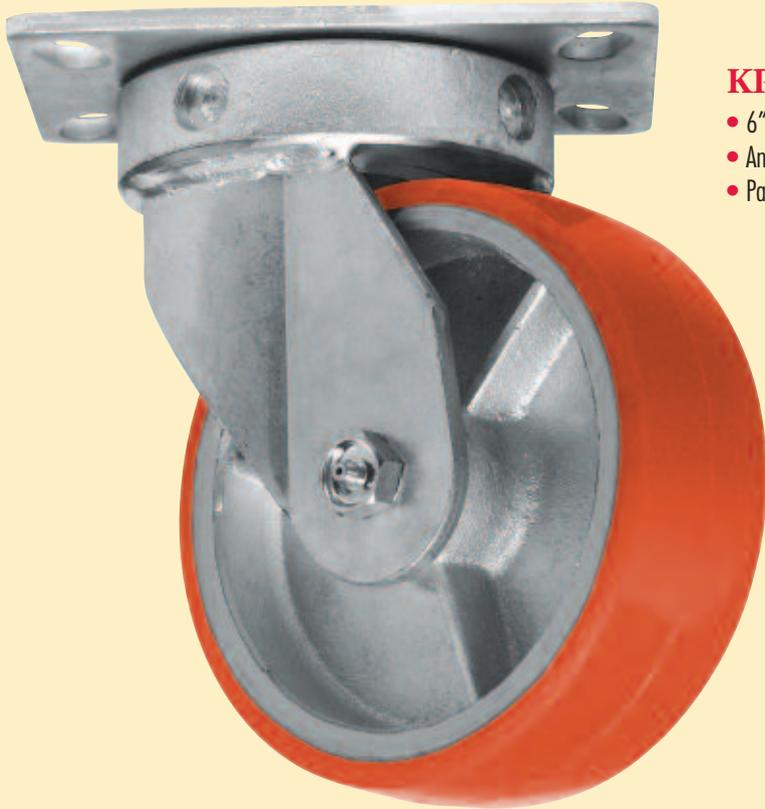


WK Brake
locks wheel, not used with Thread Guards

290 SWIVEL & 291 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Swivel Roller Bearings	Rigid Plain, Oilite, Delrin Bearings	Rigid Roller Bearings					
4	2	Payron	850	290-40S	290-4US	291-40S	291-4US	7	3 3/4	5 5/8	Width by Length Swivel: 4 x 4 1/2	
		Plexite	900	290-4DM	290-4UM	291-4DM	291-4UM					
		Miratek	600	290-4DT	290-4UT	291-4DT	291-4UT					
		Paythane	800		290-4UL							
		Peejay	550	290-4PJ	290-4UJ	291-4PJ	291-4UJ					
		Payvulc	350		290-4UP		291-4UP					
5	2	Payron	1000	290-50S	290-5US	291-50S	291-5US	8	4 1/4	6 1/2		Width by Length Rigid: 3 3/4 x 4 5/8
		Paythane	1000		290-5UL		291-5UL					
		Plexite	950	290-5DM	290-5UM	291-5DM	291-5UM					
		Mirakush	450	290-5DK	290-5UK	291-5DK	291-5UK					
		Miratek	700	290-5DT	290-5UT	291-5DT	291-5UT					
		Peejay	450	290-5PJ	290-5UJ	291-5PJ	291-5UJ					
		Payvulc	375		290-5UP		291-5UP					
6	2	Payron	1100	290-60S	290-6US	291-60S	291-6US	9 1/2	5	7 1/2	Bolt Hole Spacing: 2 5/8 x 3 3/8 slotted to 3 x 3	
		Paythane	1000		290-6UL		291-6UL					
		Plexite	1200	290-6DM	290-6UM	291-6DM	291-6UM					
		Mirakush	575	290-6DK	290-6UK	291-6DK	291-6UK					
		Miratek	820	290-6DT	290-6UT	291-6DT	291-6UT					
		Peejay	850	290-6PJ	290-6UJ	291-6PJ	291-6UJ					
		Payvulc	410		290-6UP		291-6UP					
		V-Groove	1000		290-6USG		291-6USG					
8	2	Payron	1200	290-80S	290-8US	291-80S	291-8US	13	6 1/8	9 1/2		Size of Bolt Holes: 2 5/64
		Paythane	1200		290-8UL		291-8UL					
		Plexite	1200	290-8DM	290-8UM	291-8DM	291-8UM					
		Mirakush	800	290-8DK	290-8UK	291-8DK	291-8UK					
		Miratek	1000	290-8DT	290-8UT	291-8DT	291-8UT					
		Payvulc	500		290-8UP		291-8UP					
		V-Groove	1200		290-8USG		291-8USG					
		Peejay	750	290-8PJ	290-8UJ	291-8PJ	291-8UJ					

- Weights shown represent swivels; Rigid casters weigh approximately 15% less.
- Sealed wheel bearings, nut and bolt kingpins, and other optional features are available. See price list or consult factory.



KP290-6UL-C

- 6" swivel
- Anti-friction roller bearings
- Paythane polyurethane on cast iron

KP290/KP291

KINGPINLESS SERIES

The "KP290" is designed for heavy shock loads and punishing service in heavy medium applications.

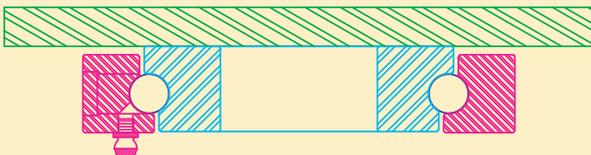
Applications:

For equipment in the range of 1500 to 5000 lbs. Large wheel selection allows for a variety of applications. Suited for rough conditions. Used on warehouse trucks, refuse containers, cargo containers, heavy platform trucks, building material carts, etc.

Standard Features/Components:

- $\frac{3}{8}$ " hot forged steel top plate.
- $\frac{1}{4}$ " hot forged steel legs.
- Precision ball bearing raceways provide better swiveling and durability under extreme loads.
- Double-welded legs for added strength.
- Grease fittings in axle and swivel bearings.
- Zinc plated finish.

Raceway Construction:



KP291-6UM

- 6" rigid
- Anti-friction roller bearings
- Plexite phenolic wheel

Wheels & Optional Extras:



Miratek
95 duro. red polyurethane



Plexite Phenolic
macerated canvas backing



Peejay
polyolefin plastic



Payron Semi-Steel
high tensile sintered iron



V-groove
machine grooved steel



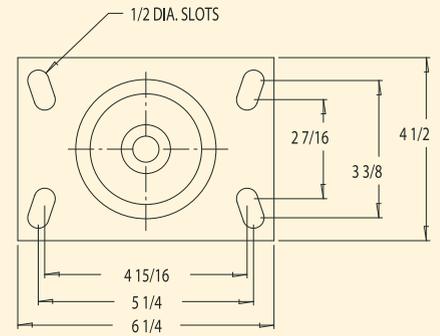
Paythane
polyurethane bonded to a metal center



WK Brake
locks wheel, not used with Thread Guards, swivel only



WS Wheel Seals
locks out foreign matter

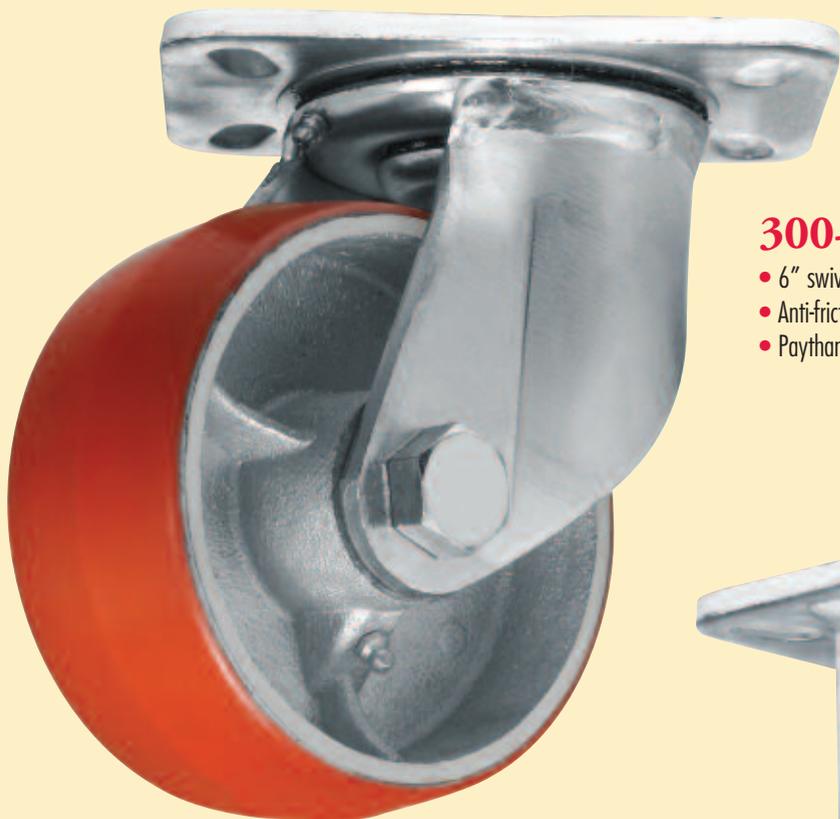


Top Plate C
Suffix -C

KP290 SWIVEL & KP291 RIGID SPECIFICATIONS

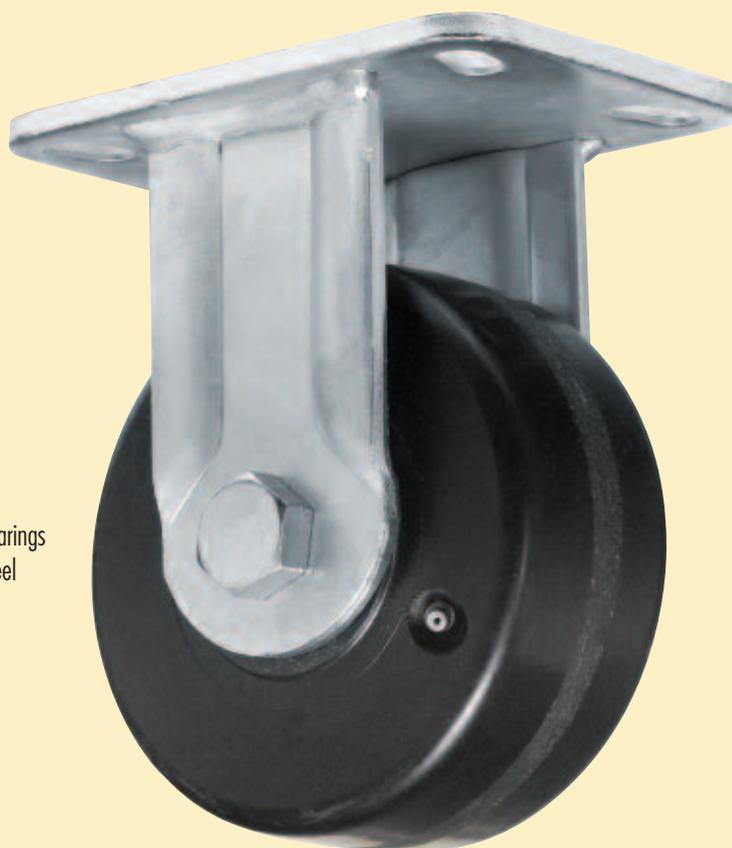
WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches		
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite Bearings	Rigid Roller Bearings	Rigid Plain, Oilite Bearings	Rigid Roller Bearings						
4	2	Payron	850	KP290-4OS	KP290-4US	KP291-4OS	KP291-4US	6½	3¾	5%	Width by Length: 4 x 4½		
		Plexite	900		KP290-4UM		KP291-4UM	5					
		Miratek	500		KP290-4UT		KP291-4UT	6					
		Paythane	800		KP290-4UL		KP291-4UL	4¼					
		Peejay	550	KP290-4PJ	KP290-4UJ	KP291-4PJ	KP291-4UJ	7½					
5	2	Payron	1050	KP290-5OS	KP290-5US	KP291-5OS	KP291-5US	5½	4¾	6½		Bolt Hole Spacing: 2¾ x 3¾ slotted to 3 x 3"	
		Plexite	1000		KP290-5UM		KP291-5UM	7					
		Miratek	700		KP290-5UT		KP291-5UT	4½					
		Paythane	1000		KP290-5UL		KP291-5UL	9					
		Peejay	650	KP290-5PJ	KP290-5UJ	KP291-5PJ	KP291-5UJ	7					
6	2	Payron	1100	KP290-6OS	KP290-6US	291-6OS	KP291-6US	6	4¾	7½			Size of Bolt Holes: ¾
		Plexite	1050		KP290-6UM		KP291-6UM	7					
		Miratek	820		KP290-6UT		KP291-6UT	6					
		Paythane	1100		KP290-6UL		KP291-6UL	11					
		Peejay	1200	KP290-6PJ	KP290-6UJ	KP291-6PJ	KP291-6UJ	7					
		V-Groove	1100		KP290-6USG		KP291-6USG	12					
8	2	Payron	1200	KP290-8OS	KP290-8US	KP291-8OS	KP291-8US	8½	5%	9½			
		Plexite	1200		KP290-8UM		KP291-8UM	7					
		Miratek	1000		KP290-8UT		KP291-8UT	12					
		Paythane	1200		KP290-8UL		KP291-8UL	7					
		Peejay	1000	KP290-8PJ	KP290-8UJ	KP291-8PJ	KP291-8UJ	13½					
		V-Groove	1200		KP290-8USG		KP291-8USG						

- Weights shown represent swivels, rigid casters weigh approximately 15% less.
- Option: For brakes, add suffix -WK.



300-6UL

- 6" swivel
- Anti-friction roller bearings
- Polythane polyurethane on cast iron center



301-6UM

- 6" rigid
- Anti-friction roller bearings
- Plexite phenolic wheel

300/301

HEAVY DUTY

A rugged cold-forged caster, the 300 is designed to withstand severe shock load while providing a smooth swiveling action on hardened raceways. A precision top raceway, coined under extreme pressure, supports the load while a large diameter lower ball race absorbs the secondary thrust.

Applications:

For equipment in the range of 2000 to 6000 lbs. Suitable for heavy industrial and warehousing applications where high shock loads and severe operating conditions prevail.

Engineering Data:

- $\frac{5}{16}$ " cold-forged top plate.
- $\frac{1}{4}$ " legs welded to $\frac{1}{4}$ " top cup with $\frac{7}{16}$ " balls.
- $\frac{1}{4}$ " bottom cup with $\frac{5}{16}$ " balls.
- Hydraulically upset kingpin.

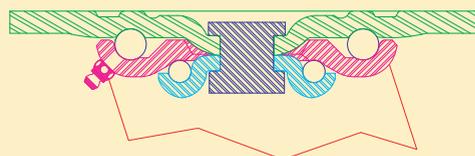
Standard Features/Components:

- Zinc plated finish.
- Lubrication fittings for swivel and wheel.
- $\frac{3}{4}$ " nut and bolt axles.
- 1 x $\frac{3}{4}$ x $2\frac{1}{16}$ " hardened spanners.

Companion 301 Rigid:

$\frac{1}{4}$ " embossed legs welded to a $\frac{5}{16}$ " top plate.

Raceway Construction:



Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



Payvulc
mold-on rubber



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



V-groove
machine grooved steel



Paythane
polyurethane bonded to a metal center



Bronco Mold-On
rubber bonded to aluminum center



WS Wheel Seals
locks out foreign matter



WB Brake
shoe locks wheel



SL 4-Position Swivel Lock
plunger engages at 90° angles

300 SWIVEL & 301 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	2½	Payron	1500	300-6US		301-6US		17	5⅙	7¾	Width by Length: 4¾ x 6¾
		Payductile	2000	300-6UD		301-6UD		20			
		Bronco	600	300-6UV	300-6TV	301-6UV	301-6TV	13			
		Paythane	1400	300-6UL	300-6TL	301-6UL	301-6TL				
		Plexite	1500	300-6UM	300-6TM	301-6UM	301-6TM				
		Mirakush	950	300-6UK		301-6UK					
		Miratek	1200	300-6UT		301-6UT					
		V-Groove	2000	300-6USG		301-6USG					
8	2½	Payron	1600	300-8US		301-8US		22	6½	10¼	Bolt Hole Spacing: 2⅞ x 4⅞ slotted to 3⅝ x 5¼
		Payductile	2000	300-8UD		301-8UD		15			
		Bronco	700	300-8UV	300-8TV	301-8UV	301-8TV	27			
		Paythane	1600	300-8UL	300-8TL	301-8UL	301-8TL				
		Plexite	1600	300-8UM	300-8TM	301-8UM	301-8TM				
		Mirakush	1100	300-8UK		301-8UK					
		Miratek	1400	300-8UT		301-8UT					
		V-Groove	2350	300-8USG		301-8USG					
10	2½	Payron	1800	300-10US		301-10US		28½	7⅞	12¼	Size of Bolt Holes: 3⅜
		Bronco	790	300-10UV	300-10TV	301-10UV	301-10TV	18			
		Paythane	1800	300-10UL	300-10TL	301-10UL	301-10TL				
		Plexite	1800	300-10UM	300-10TM	301-10UM	301-10TM				
		Mirakush	1300	300-10UK		301-10UK					
		Miratek	1600	300-10UT		301-10UT					
		Payvulc	790	300-10UP		301-10UP					

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

Red = P.D.Q. (2 days or less), details on page 5



400-6UM

- 6" swivel
- Anti-friction roller bearing
- Plexite phenolic wheel



401-6US

- 6" rigid
- Anti-friction roller bearing
- Payron semi-steel wheel

400/401

HEAVY DUTY

The 400 is designed to carry heavy loads, even under severe operating conditions. The hardened swivel components are constructed of heavy gauge cold-forged steel, formed under extreme pressure to the most exacting tolerances, thereby assuring smooth swiveling on mirror-like raceways.

Applications:

For equipment in the range of 2000 to 8000 lbs. Designed for the heaviest manual loads, and for units drawn occasionally by power. Will withstand punishing and continuous service, including severe shock loads.

Engineering Data:

- $\frac{5}{16}$ " cold-forged top plate.
- $\frac{3}{4}$ " heat-treated nut and bolt king bolt.
- $\frac{1}{4}$ " wrap-around style and fully formed legs.
- $\frac{5}{16}$ " contour base.

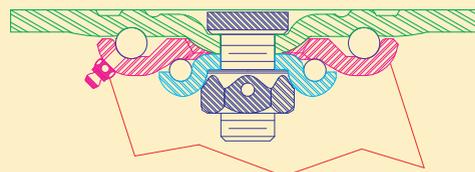
Standard Features/Components:

- Zinc plated vibratory finish.
- Lubrication fittings for swivel and wheel.
- $\frac{3}{4}$ " nut and bolt axles.
- 1 x $\frac{3}{4}$ x $3\frac{3}{8}$ " hardened spanners.

Companion 401 Rigid:

$\frac{1}{4}$ " embossed legs welded to a $\frac{5}{16}$ " top plate.

Raceway Construction:



Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



Full Pneumatic
air inflated wheel



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Paythane
polyurethane bonded to a metal center



Bronco Mold-On
rubber bonded to aluminum center



WS Wheel Seals
locks out foreign matter



WB Brake
shoe locks wheel



SL 4-Position Swivel Lock
plunger engages at 90° angles

400 SWIVEL & 401 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid					
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	3	Payron	1850	400-6US		401-6US		22	5 ¹ / ₆	7 ³ / ₄	Width by Length: 4 ³ / ₄ x 6 ⁵ / ₆
		Payductile	2200	400-6UD		401-6UD		24			
		Plexite	1800	400-6UM		401-6UM		16			
		Mirakush	1200	400-6UK		401-6UK					
		Miratek	1700	400-6UT		401-6UT					
8	3	Payron	2000	400-8US		401-8US		25	6 ¹ / ₂	10 ¹ / ₄	
		Payductile	2300	400-8UD	400-8TD	401-8UD	401-8TD	26			
		Bronco	840	400-8UV	400-8TV	401-8UV	401-8TV	17 ¹ / ₂			
		Paythane	2000	400-8UL	400-8TL	401-8UL	401-8TL				
		Plexite	2000	400-8UM	400-8TM	401-8UM	401-8TM				
		Mirakush	1300	400-8UK	400-8TK	401-8UK	401-8TK				
	Miratek	1800	400-8UT	400-8TT	401-8UT	401-8TT					
	2.80-4	Pneumatic	300**	400-8UW		401-8UW		16			
10	3	Payron	2200	400-10US	400-10TS	401-10US	401-10TS	30	7 ⁷ / ₆	12 ¹ / ₄	
		Bronco	1000	400-10UV	400-10TV	401-10UV	401-10TV	20			
		Paythane	2200	400-10UL	400-10TL	401-10UL	401-10TL				
		Plexite	2200	400-10UM	400-10TM	401-10UM	401-10TM				
		Mirakush	1550	400-10UK	400-10TK	401-10UK	401-10TK				
	Miratek	2000	400-10UT	400-10TT	401-10UT	401-10TT					
	3.50-4	Pneumatic	515**	400-10UW		401-10UW					
12	3	Payron	2300	400-12US	400-12TS	401-12US	401-12TS	36	8 ⁷ / ₆	14 ¹ / ₂	
		Bronco	1140	400-12UV	400-12TV	401-12UV	401-12TV	24 ¹ / ₂			
		Paythane	2300	400-12UL	400-12TL	401-12UL	401-12TL				
		Plexite	2300	400-12UM	400-12TM	401-12UM	401-12TM				
		Mirakush	1800	400-12UK	400-12TK	401-12UK	401-12TK				
		Miratek	2100	400-12UT	400-12TT	401-12UT	401-12TT				
		4.00-6	Pneumatic	700**	400-12UW		401-12UW				20

- Weights shown represent swivels; Rigid casters weight approximately 15% less.
- When inflated to 50 lbs. and operated less than 5 mph.



500-8UL

- 8" swivel
- Anti-friction roller bearing
- Paythane polyurethane on cast iron center



501-8UV

- 8" rigid
- Anti-friction roller bearing
- Bronco rubber on aluminum core

500/501

HEAVY DUTY

The massive 500 represents a breakthrough in cold-forged caster construction. Alone in its field, it has been designed to improve strength, precision, and durability offering quality not available in any other method of manufacturing. Pound for pound, the best caster ever developed.

Applications:

For continuous and punishing service on heavy duty equipment with capacities up to 10,000 lbs. Well suited for the heaviest possible manually operated loads, severe shock conditions, and power-driven equipment.

Engineering Data:

- ½" coined embossed cold-forged top plate.
- 1" king bolt welded in place.
- ½" balls in 4" diameter load bearing raceway.
- ¾" balls absorb component thrust in 2½" forged raceway.
- Embossed ¾" legs welded to yoke base.

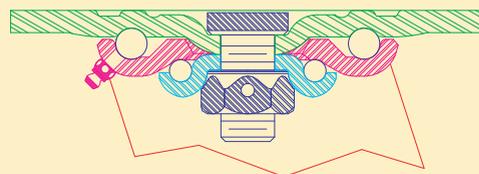
Standard Features/Components:

- Zinc plated finish.
- 1" axle.
- 1¼ x 1 x 3¾" hardened spanners.
- Grease fittings in swivel and wheel.

Companion 501 Rigid:

¾" embossed legs welded to a ½" top plate.

Raceway Construction:



Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Paythane
polyurethane bonded to a metal center



Bronco Mold-On
rubber bonded to aluminum center



WS Wheel Seals
locks out foreign matter



WB Brake
shoe locks wheel



SL 4-Position Swivel Lock
plunger engages at 90° angles

500 SWIVEL & 501 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Roller Bearings	Swivel Timken Bearings	Rigid Plain, Roller Bearings	Rigid Timken Bearings				
4	3	Payron	2500	500-4BD	500-6TD	501-4BD	501-6TD	25	3¼	6	Width by Length: 5½ x 7½ Bolt Hole Spacing: 3¾ x 5¼ slotted to 4½ x 6½ Size of Bolt Holes: 33/64
6	3	Payron	2500	500-6US	500-6TS	501-6US	501-6TS	30½	5¼	8¼	
		Payductile	3000	500-6UD	500-6TD	501-6UD	501-6TD	34½			
		Plexite	2200	500-6UM	500-6TM	501-6UM	501-6TM	21			
		Mirakush	1200	500-6UK	500-6TK	501-6UK	501-6TK				
		Miratek	2100	500-6UT	500-6TT	501-6UT	501-6TT				
8	3	Payron	2500	500-8US	500-8TS	501-8US	501-8TS	33	6½	10¼	
		Payductile	3000	500-8UD	500-8TD	501-8UD	501-8TD	35½			
		Bronco	840	500-8UV	500-8TV	501-8UV	501-8TV	23½			
		Paythane	2500	500-8UL	500-8TL	501-8UL	501-8TL				
		Plexite	2500	500-8UM	500-8TM	501-8UM	501-8TM				
		Mirakush	1300	500-8UK	500-8TK	501-8UK	501-8TK				
	Miratek	2400	500-8UT	500-8TT	501-8UT	501-8TT					
	2½	V-Groove	3000	500-8UDG	500-8TDG	501-8USG	501-8TDG	26			
10	3	Payron	2700	500-10US	500-10TS	501-10US	501-10TS	37	7¾	12¼	
		Payductile	3100	500-10UD	500-10TD	501-10UD	501-10TD	45			
		Bronco	1000	500-10UV	500-10TV	501-10UV	501-10TV	30			
		Paythane	2700	500-10UL	500-10TL	501-10UL	501-10TL				
		Plexite	2700	500-10UM	500-10TM	501-10UM	501-10TM				
		Mirakush	1600	500-10UK	500-10TK	501-10UK	501-10TK				
		Miratek	2500	500-10UT	500-10TT	501-10UT	501-10TT				
12	3	Payron	2900	500-12US	500-12TS	501-12US	501-12TS	43	8¾	14½	
		Bronco	1140	500-12UV	500-12TV	501-12UV	501-12TV	32			
		Paythane	3000	500-12UL	500-12TL	501-12UL	501-12TL				
		Plexite	2900	500-12UM	500-12TM	501-12UM	501-12TM				
		Mirakush	1800	500-12UK	500-12TK	501-12UK	501-12TK				
		Miratek	2500	500-12UT	500-12TT	501-12UT	501-12TT				

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

Red = P.D.Q. (2 days or less), details on page 5

KP500/KP501

HEAVY DUTY KINGPINLESS

KP500-8UM



The "KP500" is the workhorse of Heavy Duty Kingpin-Free casters. Precision CNC-machined raceway from cold-drawn seamless tubing. Made for the severest of applications that require precision and very easy swiveling.

Applications:

For continuous heavy duty equipment service in the heaviest manually operated loads and power driven loads. Bracket will take severe shock and capacities up to 24,000 lbs.

Engineering Data:

- ½" cold-forged top plate.
- ½" ball-bearing, non-kingpin raceway.
- Embossed ⅜" legs welded to yoke base.

Standard Features/Components:

- Powder-coated finish.
- Optional powdercoat finish 1" axle.
- 1¼ x 1 x 3⅝" hardened spanner.
- Grease fittings in raceway and wheel.

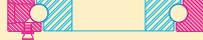
Companion 501 Rigid:

The 501 has ⅜" embossed legs welded to a ½" top plate.

Raceway



Construction:



WHEEL SPECIFICATIONS				KP500 SWIVEL & KP501 RIGID SPECIFICATIONS				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	CATALOG NUMBER		Rigid	Timken Bearings				
				Swivel							
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
4	3	Payron	6000	KP500-4BD	KP500-4TD	KP501-4BD	KP501-4TD	26	3½	6½	Width by Length: 5½ x 7½
6	3	Payron	2500	KP500-6US	KP500-6TS	KP501-6US	KP501-6TS	30½	5⅞	8½	
		Payductile	6000	KP500-6UD	KP500-6TD	KP501-6UD	KP501-6TD	34½			
		Plexite	2500	KP500-6UM	KP500-6TM	KP501-6UM	KP501-6TM	21			
		Mirakush	1200	KP500-6UT	KP500-6TT	KP501-6UT	KP501-6TT				
		Miratek	2100	KP500-6UK	KP500-6TK	KP501-6UK	KP501-6TK				
8	3	Payron	2500	KP500-8US	KP500-8TS	KP501-8US	KP501-8TS	33	6⅜	10¼	
		Payductile	6000	KP500-8UL	KP500-8TL	KP501-8UL	KP501-8TL	35½			
		Bronco	840	KP500-8UV	KP500-8TV	KP501-8UV	KP501-8TV	23½			
		Paythane	2800	KP500-8UL	KP500-8TL	KP501-8UL	KP501-8TL				
		Plexite	2800	KP500-8UM	KP500-8TM	KP501-8UM	KP501-8TM				
		Mirakush	1300	KP500-8UK	KP500-8TK	KP501-8UK	KP501-8TK				
	Miratek	2400	KP500-8UT	KP500-8TT	KP501-8UT	KP501-8TT					
	2½	V-Groove	6000	KP500-8UDG	KP500-8TDG	KP501-8UDG	KP501-8TDG	26			
10	3	Payron	3000	KP500-10US	KP500-10TS	KP501-10US	KP501-10TS	37	7⅞	12½	
		Payductile	3100	KP500-10UD	KP500-10TD	KP501-10UD	KP501-10TD	45			
		Bronco	1000	KP500-10UV	KP500-10TV	KP501-10UV	KP501-10TV	27			
		Paythane	3000	KP500-10UL	KP500-10TL	KP501-10UL	KP501-10TL				
		Plexite	3000	KP500-10UM	KP500-10TM	KP501-10UM	KP501-10TM				
		Mirakush	1600	KP500-10UK	KP500-10TK	KP501-10UK	KP501-10TK				
		Miratek	2500	KP500-10UT	KP500-10TT	KP501-10UT	KP501-10TT				
12	3	Payron	3200	KP500-12US	KP500-12TS	KP501-12US	KP501-12TS	43	9⅞	14¾	
		Bronco	1140	KP500-12UV	KP500-12TV	KP501-12UV	KP501-12TV	32			
		Paythane	3200	KP500-12UL	KP500-12TL	KP501-12UL	KP501-12TL				
		Plexite	3200	KP500-12UM	KP500-12TM	KP501-12UM	KP501-12TM				
		Mirakush	1800	KP500-12UK	KP500-12TK	KP501-12UK	KP501-12TK				
		Miratek	2500	KP500-12UT	KP500-12TT	KP501-12UT	KP501-12TT				

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

Wheels & Optional Extras For Single and Dual Wheels:



Payron Semi-Steel
high tensile sintered iron



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane

KP500/KP501-DW

HEAVY DUTY KINGPINLESS DUAL WHEEL

The KP500-DW is designed with two wheels for greater capacity and easier turning.

Engineering Data:

- 1/2" cold-forged top plate.
- 1/2" ball-bearing, non-kingpin raceway.
- Embossed 3/8" legs welded to yoke base.

Standard Features/Components:

- Powder-coated finish.
- 1 1/4" x 1 x 3 3/8" hardened spanner.
- Optional powdercoat finish 1" axle.
- Grease fittings in raceway and wheel.

Raceway Construction:



KP500-10TL-DW

KP500-DW SWIVEL & KP501-DW RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	5	Paythane	2800	KP500-6UL-DW	KP500-6TL-DW	KP501-6UL-DW	KP501-6TL-DW	46	5 5/16	8 1/4	Width by Length: 5 1/2 x 7 1/2
	6	Paythane	5000	KP500-6X3UL-DW	KP500-6X3TL-DW	KP501-6X3UL-DW	KP501-6X3TL-DW	48			
	5	Plexite	3000	KP500-6UM-DW	KP500-6TM-DW	KP501-6UM-DW	KP501-6TM-DW	28			
	6	Plexite	4800	KP500-6X3UM-DW	KP500-6X3TM-DW	KP501-6X3UM-DW	KP501-6X3TM-DW	30			
	5	Payron	2800	KP500-6US-DW	KP500-6TS-DW	KP501-6US-DW	KP501-6TS-DW	39.5			
	6	Payron	5000	KP500-6X3US-DW	KP500-6X3TS-DW	KP501-6X3US-DW	KP501-6X3TS-DW	42.5			
	5	Payductile	5600	KP500-6UD-DW		KP501-6UD-DW		50.5			
8	5	Paythane	3200	KP500-8UL-DW	KP500-8TL-DW	KP501-8UL-DW	KP501-8TL-DW	50	6 13/16	10 1/4	Bolt Hole Spacing: 3 3/8 x 5 1/4 slotted to 4 1/8 x 6 1/8
	6	Paythane	5600	KP500-8X3UL-DW	KP500-8X3TL-DW	KP501-8X3UL-DW	KP501-8X3TL-DW	56			
	5	Plexite	3200	KP500-8UM-DW	KP500-8TM-DW	KP501-8UM-DW	KP501-8TM-DW	32			
	6	Plexite	5000	KP500-8X3UM-DW	KP500-8X3TM-DW	KP501-8X3UM-DW	KP501-8X3TM-DW	34			
	5	Payron	3200	KP500-8US-DW	KP500-8TS-DW	KP501-8US-DW	KP501-8TS-DW	46			
	6	Payron	5000	KP500-8X3US-DW	KP500-8X3TS-DW	KP501-8X3US-DW	KP501-8X3TS-DW	52			
	5	Payductile	6000	KP500-8UD-DW		KP501-8UD-DW		55.5			
10	5	Paythane	3600	KP500-10UL-DW	KP500-10TL-DW	KP501-10UL-DW	KP501-10TL-DW	52	7 15/16	12 1/4	Size of Bolt Holes: 3 3/4
	6	Paythane	6000	KP500-10X3UL-DW	KP500-10X3TL-DW	KP501-10X3UL-DW	KP501-10X3TL-DW	58			
	5	Plexite	3600	KP500-10UM-DW	KP500-10TM-DW	KP501-10UM-DW	KP501-10TM-DW	38			
	6	Plexite	6000	KP500-10X3UM-DW	KP500-10X3TM-DW	KP501-10X3UM-DW	KP501-10X3TM-DW	40			
	6	Payron	6000	KP500-10US-DW	KP500-10TS-DW	KP501-10US-DW	KP501-10TS-DW	60			
12	6	Paythane	6000	KP500-12X3UL-DW	KP500-12X3TL-DW	KP501-12X3UL-DW	KP501-12X3TL-DW	47	9 1/16	14 1/2	
		Plexite	6000	KP500-12X3UM-DW	KP500-12X3TM-DW	KP501-12X3UM-DW	KP501-12X3TM-DW	44			
		Payron	6000	KP500-12US-DW	KP500-12TS-DW	KP501-12US-DW	KP501-12TS-DW	70			

• Comes standard with tapered bearing.



Paythane
polyurethane bonded to metal center



Bronco Mold-On
rubber bonded to aluminum center



WS Wheel Seals
locks out foreign matter



WB Brake
shoe locks wheel



SL 4-Position Swivel Lock
plunger engages at 90° angles



SS Swivel Seal
Neoprene seals protect swivel raceways

KP700/KP701

HEAVIER KINGPINLESS

The 700 will carry loads up to 12,000 lbs. per caster.
Constructed to withstand severe abuse.

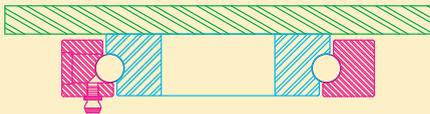
Engineering Data:

- 5/8" steel top plate.
- 3/8" embossed legs welded inside and out to support base.

Standard Features/Components:

- Powder coated finish.
- 1" axle.
- 1 1/4 x 1 x 3 3/8" hardened spanners.
- Grease fittings in swivel and wheel.

Raceway Construction:



KP700-8UM

- Shown with optional blue powder coating, other colors available.

KP700 SWIVEL & KP701 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid					
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	3	Payron	2800	KP700-6US	KP700-6TS	KP701-6US	KP701-6TS	33	5 1/4	8 5/8	Width by Length: 6 1/2 x 7 1/2
		Payductile	12000	KP700-6UD	KP700-6TD	KP701-6UD	KP701-6TD	37 1/2			
		Plexite	2800	KP700-6UM	KP700-6TM	KP701-6UM	KP701-6TM	27 1/2			
		Miratek	2700	KP700-6UT	KP700-6TT	KP701-6UT	KP701-6TT				
8	2 1/2	V-Groove	3000	KP700-8UDG	KP700-8TDG	KP701-8USG	KP701-8TDG	32	6 1/2	10 1/16	Bolt Hole Spacing: 4 1/2 x 6
		Payductile	8000	KP700-8UD	KP700-8TD	KP701-8UD	KP701-8TD	40 1/2			
	3	Payron	3000	KP700-8US	KP700-8TS	KP701-8US	KP701-8TS	30			
		Plexite	3000	KP700-8UM	KP700-8TM	KP701-8UM	KP701-8TM				
		Miratek	2800	KP700-8UT	KP700-8TT	KP701-8UT	KP701-8TT				
		Paythane	3000	KP700-8UL	KP700-8TL	KP701-8UL	KP701-8TL					28
10	3	Payron	3200	KP700-10US	KP700-10TS	KP701-10US	KP701-10TS	43	7 5/8	12 1/16	Size of Bolt Holes: 1/16
		Payductile	12000	KP700-10UD	KP700-10TD	KP701-10UD	KP701-10TD	49			
		Plexite	3200	KP700-10UM	KP700-10TM	KP701-10UM	KP701-10TM	32 1/2			
		Miratek	2900	KP700-10UT	KP700-10TT	KP701-10UT	KP701-10TT				
		Paythane	3200	KP700-10UL	KP700-10TL	KP701-10UL	KP701-10TL	30			

• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

Wheels & Optional Extras For Single and Dual Wheels:



Payron Semi-Steel
high tensile sintered iron



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane

KP700/KP701-DW

HEAVIER KINGPINLESS DUAL WHEEL

The KP700 Dual Wheel Caster was created to provide extra heavy duty capacity with easy maneuverability. The differential action allows one wheel to turn forward and the other wheel to turn backwards, this allows for the easiest swivelling possible.

Applications:

Originally designed for the mobile home industry. For moving large homes down the assembly line.

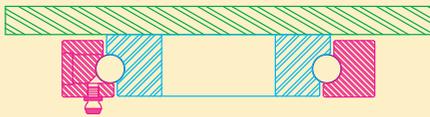
Engineering Data:

- 5/8" steel top plate.
- 3/8" embossed legs welded inside and out to support base.

Standard Features/Components:

- Powder coated finish.
- 1" axle.
- 1 1/4 x 1 x 3 3/8" hardened spanners.
- Grease fittings in swivel and wheel.

Raceway Construction:



KP700-8TL-DW

- 8" swivel
- Timken bearings
- Paythane polyurethane on cast iron wheel

KP700-DW SWIVEL & KP701-DW RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
4	6	Payductile	12000	KP700-4TD-DW	-	KP701-4TD-DW	-	64	3 3/8	6 5/8	Width by Length: 6 1/2 x 7 1/2 Bolt Hole Spacing: 4 1/2 x 6 Size of Bolt Holes: 5/16
		Paythane	6000	KP700-6UL-DW	KP700-6TL-DW	KP701-6UL-DW	KP701-6TL-DW					58
6	6	Miratek	5000	KP700-6UT-DW	KP700-6TT-DW	KP701-6UT-DW	KP701-6TT-DW	40	5 1/4	8 3/8	
		Payductile	12000	KP700-6UD-DW	KP700-6TD-DW	KP701-6UD-DW	KP701-6TD-DW					60
8	6	Paythane	6000	KP700-8UL-DW	KP700-8TL-DW	KP701-8UL-DW	KP701-8TL-DW	60	6 1/2	10 3/8	
		Miratek	5200	KP700-8UT-DW	KP700-8TT-DW	KP701-8UT-DW	KP701-8TT-DW					42
10	6	Payductile	12000	KP700-8UD-DW	KP700-8TD-DW	KP701-8UD-DW	KP701-8TD-DW	62	7 3/8	12 3/8	
		Paythane	6200	KP700-10UL-DW	KP700-10TL-DW	KP701-10UL-DW	KP701-10TL-DW				64
		Payductile	12000	KP700-10UD-DW	KP700-10TD-DW	KP701-10UD-DW	KP701-10TD-DW	78			

• Comes standard with tapered bearing.



Paythane
polyurethane bonded to metal center



Bronco Mold-On
rubber bonded to aluminum center



WS Wheel Seals
locks out foreign matter



WB Brake
shoe locks wheel



SL 4-Position Swivel Lock
plunger engages at 90° angles



SS Swivel Seal
Neoprene seals protect swivel raceways

KP800/KP801

EXTRA HEAVY KINGPINLESS

The KP800 will carry the heaviest loads — designed to carry 48,000 lbs with 4 casters.

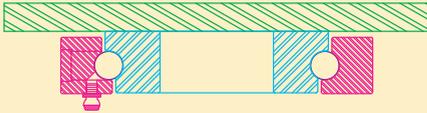
Engineering Data:

- 5/8" steel top plate.
- 3/8" embossed legs welded inside and out to support base.

Standard Features/Components:

- Powder-coated finish.
- 1 1/4" axle.
- 1 1/2 x 1 1/4 x 4 5/8" hardened spanners.
- Lubrication fittings.
- Companion rigid.

Raceway Construction:



KP800-8UL

- 8" swivel
- Tapered roller bearing
- Paythane polyurethane on cast iron wheel



KP800 SWIVEL & KP801 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller Bearings | Timken Bearings		Rigid Roller Bearings | Timken Bearings					
6	4	Payductile	8000*/12000	KP800-6UD	KP800-6TD	KP801-6UD	KP801-6TD	41	5 1/4	9	Width by Length: 6 1/2 x 7 1/2
		Paythane	5750	KP800-6UL	KP800-6TL	KP801-6UL	KP801-6TL	38			
8	4	Payductile	8000*/12000	KP800-8UD	KP800-8TD	KP801-8UD	KP801-8TD	55	6 1/2	11	
		Paythane	5750	KP800-8UL	KP800-8TL	KP801-8UL	KP801-8TL	47			
		V-Groove	8000*/12000	KP800-8UDG	KP800-8TDG	KP801-8UDG	KP801-8TDG	52			
10	4	Payductile	8000*/12000	KP800-10UD	KP800-10TD	KP801-10UD	KP801-10TD	68	7 5/8	13	
		Paythane	5750	KP800-10UL	KP800-10TL	KP801-10UL	KP801-10TL	59			
		V-Groove	8000*/12000	KP800-10UDG	KP800-10TDG	KP801-10UDG	KP801-10TDG	64			
12	4	Payductile	8000*/12000	KP800-12UD	KP800-12TD	KP801-12UD	KP801-12TD	74	8 3/4	15	
		Paythane	5750	KP800-12UL	KP800-12TL	KP801-12UL	KP801-12TL	65			
	3 1/2	Plexite	4000	KP800-12UM	KP800-12TM	KP801-12UM	KP801-12TM	45			

*Maximum capacity is 8000 lbs with roller bearings. Maximum capacity for Payductile wheels with tapered roller bearings is 12000 lbs.

Wheels & Optional Extras For Single and Dual Wheels:



Paythane
polyurethane bonded to a metal center



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



WB Brake
shoe locks wheel



SL 4-Position Swivel Lock
plunger engages at 90° angles



SS Swivel Seal
Neoprene seals protect swivel raceway

KP800/KP801-DW

EXTRA HEAVY DUAL WHEEL KINGPINLESS

The KP800 Dual Wheel Series is designed for units up to 48,000 lbs.

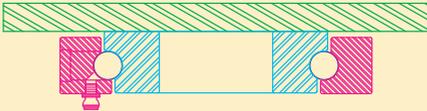
Engineering Data:

- 5/8" steel top plate.
- 3/8" embossed legs welded inside and out to support base.

Standard Features/Components:

- Powder-coated finish.
- 1 1/4" axle.
- 1 1/2 x 1 1/4 x 4 5/8" hardened spanners.
- Lubrication fittings.
- Companion rigid.

Raceway Construction:



KP800-8TL-DW

- 8" swivel
- Timken bearings
- Paythane polyurethane on cast iron wheel

KP800-DW SWIVEL & KP801-DW RIGID SPECIFICATIONS													
WHEEL SPECIFICATIONS				CATALOG NUMBER									
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches		
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings						
6	8	Paythane	11500	KP800-6UL-DW	KP800-6TL-DW	KP801-6UL-DW	KP801-6TL-DW	62	5 1/4	9	Width by Length: 6 1/2 x 7 1/2		
		Payductile	12000	KP800-6UD-DW	KP800-6TD-DW	KP801-6UD-DW	KP801-6TD-DW	68					
8	8	Paythane	11500	KP800-8UL-DW	KP800-8TL-DW	KP801-8UL-DW	KP801-8TL-DW	74	6 1/2	11		Bolt Hole Spacing: 4 1/2 x 6	
		Payductile	12000	KP800-8UD-DW	KP800-8TD-DW	KP801-8UD-DW	KP801-8TD-DW	86					
10	10	Paythane	11500	KP800-10UL-DW	KP800-10TL-DW	KP801-10UL-DW	KP801-10TL-DW	94	7 5/8	13			Size of Bolt Holes: 3/16
		Payductile	12000	KP800-10UD-DW	KP800-10TD-DW	KP801-10UD-DW	KP801-10TD-DW	108					
12	12	Paythane	11500	KP800-12UL-DW	KP800-12TL-DW	KP801-12UL-DW	KP801-12TL-DW	107	8 3/4	15			
		Payductile	12000	KP800-12UD-DW	KP800-12TD-DW	KP801-12UD-DW	KP801-12TD-DW	124					

• Weights shown are for swivels; deduct approximately 15% for rigid casters.

KP900/KP901

SUPER HEAVY KINGPINLESS

The 900 is constructed with indestructible features. For units up to 70,000 lbs.

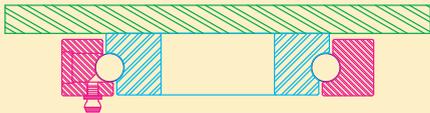
Engineering Data:

- ¾" steel top plate.
- 7" raceway.
- ½" embossed legs welded inside and out to support base.

Standard Features/Components:

- Powder coated finish.
- 1½" axle.
- Lubrication fittings.
- 1½ x 1¼ x 4⅝" hardened spanners.
- Companion Rigid.

Raceway Construction:



KP900-8TD

- 8" swivel
- Tapered roller bearing
- Payductile ductile iron wheel

KP900 SWIVEL & KP901 RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid					
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	4	Payductile	8000/18000	KP900-6UD	KP900-6TD	KP901-6UD	KP901-6TD	56	5¼	9¼	Width by Length: 8½ x 8½
		Paythane	5750	KP900-6UL	KP900-6TL	KP901-6UL	KP901-6TL	53			
8	4	Payductile	8000/18000	KP900-8UD	KP900-8TD	KP901-8UD	KP901-8TD	70	6½	11¼	
		Paythane	5750	KP900-8UL	KP900-8TL	KP901-8UL	KP901-8TL	62			
		V-Groove	15000	KP900-8UDG	KP900-8TDG	KP901-8UDG	KP901-8TDG	67			
10	4	Payductile	8000/18000	KP900-10UD	KP900-10TD	KP901-10UD	KP901-10TD	83	7⅝	13¼	
		Paythane	5750	KP900-10UL	KP900-10TL	KP901-10UL	KP901-10TL	74			
		V-Groove	15000	KP900-10UDG	KP900-10TDG	KP901-10UDG	KP901-10TDG	79			
12	4	Payductile	8000/18000	KP900-12UD	KP900-12TD	KP901-12UD	KP901-12TD	89	8¾	15¼	
		Paythane	5750	KP900-12UL	KP900-12TL	KP901-12UL	KP901-12TL	80			
	3¾	Plexite	4000	KP900-12UM	KP900-12TM	KP901-12UM	KP901-12TM	58			

• Weights shown represent swivels; Rigid casters weigh approximately 15% less. Maximum capacity for Payductile wheels with roller bearings is 8000 lbs.

Wheels & Optional Extras For Single and Dual Wheels:



Paythane
polyurethane bonded to a metal center



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



WB Brake
shoe locks wheel



SL 4-Position Swivel Lock
plunger engages at 90° angles



SS Swivel Seal
Neoprene seals protect swivel raceways



Metal Shields
for tapered bearings

KP900/KP901-DW

SUPER HEAVY DUAL WHEEL KINGPINLESS

The KP900-DW Series is for the most extreme working conditions. Designed with wheels for the easiest swiveling.

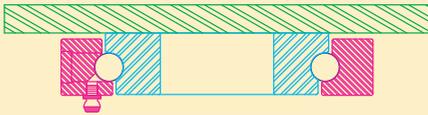
Engineering Data:

- ¾" steel top plate.
- 7" Raceway.
- ½" embossed legs welded inside and out to support base.

Standard Features/Components:

- Powder-coated finish.
- 1¼" axle.
- Lubrication fittings.
- 1½ x 1¼ x 4⅝" hardened spanners.
- Companion Rigid.

Raceway Construction:



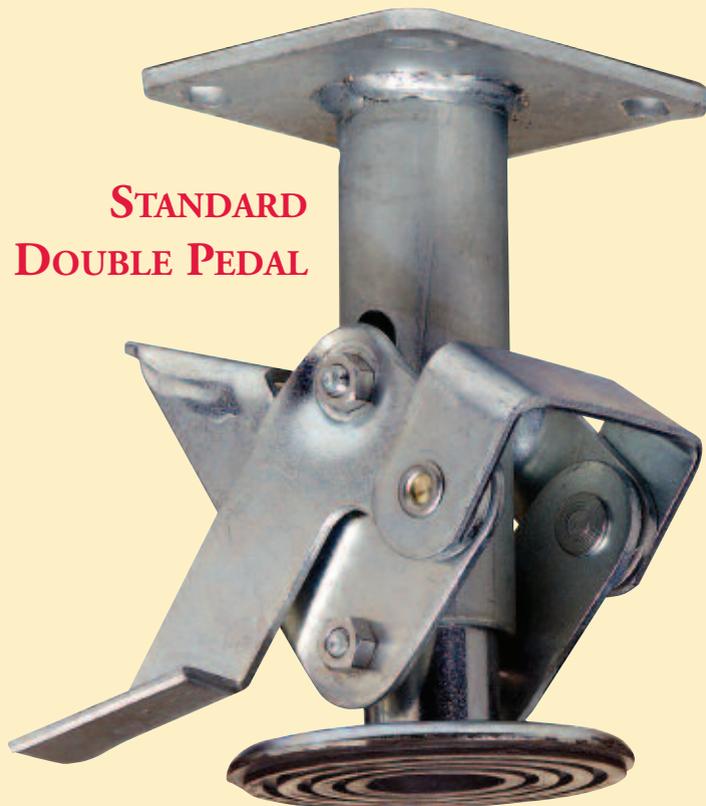
KP900-8TD-DW-SL

- Shown with optional SL-4 position swivel lock.

KP900-DW SWIVEL & KP901-DW RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	8	Paythane	11500	KP900-6UL-DW	KP900-6TL-DW	KP901-6UL-DW	KP901-6TL-DW	81	5¼	9¼	Width by Length: 8½ x 8½
	6	Payductile	18000	KP900-6x3UD-DW	KP900-6x3TD-DW	KP901-6x3UD-DW	KP901-6x3TD-DW	79			
	8	Payductile	18000	KP900-6UD-DW	KP900-6TD-DW	KP901-6UD-DW	KP901-6TD-DW	90			
8	8	Paythane	11500	KP900-8UL-DW	KP900-8TL-DW	KP901-8UL-DW	KP901-8TL-DW	88	6½	10¾	Bolt Hole Spacing: 7 x 7
	6	Payductile	12000	KP900-8x3UD-DW	KP900-8x3TD-DW	KP901-8x3UD-DW	KP901-8x3TD-DW	81			
	8	Payductile	18000	KP900-8UD-DW	KP900-8TD-DW	KP901-8UD-DW	KP901-8TD-DW	112			
10	8	Paythane	11500	KP900-10UL-DW	KP900-10TL-DW	KP901-10UL-DW	KP901-10TL-DW	110	7⅝	13¼	Size of Bolt Holes: 1⅛
	6	Payductile	18000	KP900-10x3UD-DW	KP900-10x3TD-DW	KP901-10x3UD-DW	KP901-10x3TD-DW	89			
	8	Payductile	18000	KP900-10UD-DW	KP900-10TD-DW	KP901-10UD-DW	KP901-10TD-DW	120			
12	8	Paythane	11500	KP900-12UL-DW	KP900-12TL-DW	KP901-12UL-DW	KP901-12TL-DW	130	8¾	15¼	
	8	Payductile	18000	KP900-12UD-DW	KP900-12TD-DW	KP901-12UD-DW	KP901-12TD-DW	140			

- Comes standard with tapered bearing.

**STANDARD
DOUBLE PEDAL**



634-FL

Floor Locks

DOUBLE PEDAL DESIGN

This superb floor lock is unmatched in design and performance, and is adaptable to all types of portable equipment. The double pedals will not allow the operator to place foot under the load. Large steel disc has non-marking rubber pad for non-slip floor contact. All steel construction eliminates maintenance. Electroplated zinc finish.

How To Operate:

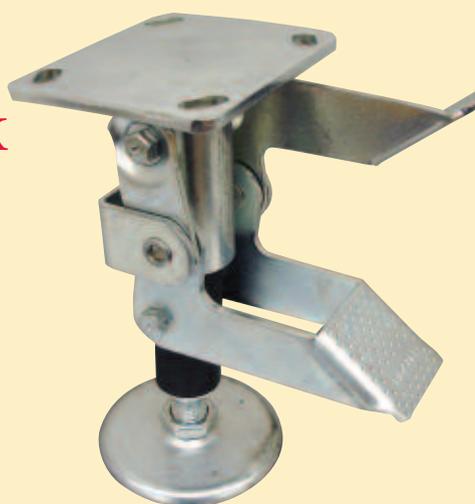
- Simply press down on the larger pedal to set positive locking force of 90 to 120 lbs. against the floor.
- Press down on the release pedal and spring quickly returns lock to non-operating position.
- Both pedals are out in front for safety and ease of operation.

ADJUSTABLE FLOOR LOCK

Now you can adjust the height to meet your needs exactly when the wheels wear or when on an uneven surface. The 781-FL floor lock can be adjusted up to 1 1/4" and the 981-FL can be adjusted up to 2 1/4" to meet your specific height needs.

ADJUSTABLE FLOOR LOCK			
Overall Height Extended inches	Overall Height Fully Extended inches	Overall Height Retracted inches	Catalog Number
7 13/16	9 1/16	7 1/16	781-FL
8 13/16	11 1/16	8 1/16	981-FL

ADJUSTABLE FLOOR LOCK



781-FL

734-FL-SM



FOR OPTIONAL SIDE MOUNT ADD -SM

DOUBLE PEDAL FLOOR LOCKS*							
Overall Height Extended inches	Overall Height Retracted inches	Catalog Number	Approx. Weight lbs	Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches	Suggested for use with Payson series listed below
5 5/8	4 7/8	558-FL	4 1/2	3 3/4 x 4 5/8	2 5/8 x 3 5/8 slotted to 3 x 3	2 5/16	070-4
5 3/4	5	534-FL	4 1/2				190-4; 200-4; 290-4
6 1/4	5 1/2	614-FL	4 1/2				050-5; 060-5
6 1/2	5 3/4	612-FL	4 1/2				070-5
6 3/4	6	634-FL	4 3/4				190-5; 200-5; 290-5
7 1/4	6 1/2	714-FL	4 3/4				050-6; 060-6
7 3/4	7	734-FL	4 3/4				070-6; 190-6; 200-6; 290-6; 300-6
9 3/4	9	934-FL	5				190-8; 200-8; 290-8
10 1/2	9 3/4	1012-FL	5				300-8

*Note: Select floor lock with extended height slightly greater (1/8" to 3/8") than associated caster Overall height.

Expandable Stems

EXPANDABLE STEMS, SWIVEL						
WHEEL SPECIFICATIONS			CATALOG NUMBER	Approx. Weight lbs	Swivel Radius inches	Height Less Stem
Diameter x Width inches	Type	Cap Each lbs	Oilite and Ball Bearing Wheels			
2 x 7/8	Payflex	125	019-20X	1 3/4	2 7/8	4
	Payrock	210	019-20H			
3 x 1 1/16	Payflex	100	019-30X	1 3/4	2 7/8	4
	Payrock	125	019-30H			
3 x 1 1/4	Payflex	125	059-30X	1 3/4	2 7/8	4
	Payrock	210	059-30H			
3 1/2 x 1 1/4	Payflex	200	059-3 1/2OX	2 1/4	3 5/16	4 3/4
	Payrock	240	059-3 1/2OH			
4 x 3 1/32	Payflex	110	029-40X	1 1/2	3 5/8	4 3/4
	Payrock	135	029-40H			
4 x 1 1/4	Payflex	165	059-40X	2 1/2	3 5/16	5
	Payrock	255	059-40H			
5 x 1	Payflex	125	029-50X	2	4 1/8	5 3/4
	Payrock	145	029-50H			
	Mirakush	145	029-5DR			
	Miratek	165	029-5DF			
5 x 1 1/4	Payflex	190	059-50X	3	4 5/16	6 1/16
	Payrock	260	059-50H			
5 x 1 1/8	Mirakush	200	059-5BR	2 1/2	4 5/16	6 1/16
	Miratek	240	059-5BF			

When ordering you must list a suffix letter to designate the desired stem size.
e.g. 059-5BR-C (stem size being 1 1/8" to 1 1/4")

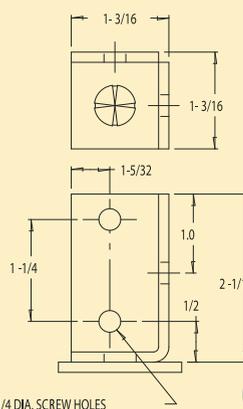
A = 7/8 to 1 **C** = 1 1/8 to 1 1/4 **E** = 1 3/8 to 1 1/2 **G** = 1 5/8 to 1 3/4
B = 1 to 1 1/8 **D** = 1 1/4 to 1 1/2 **F** = 1 1/2 to 1 5/8 **H** = 1 3/4 to 1 7/8

"WK" Brake available.

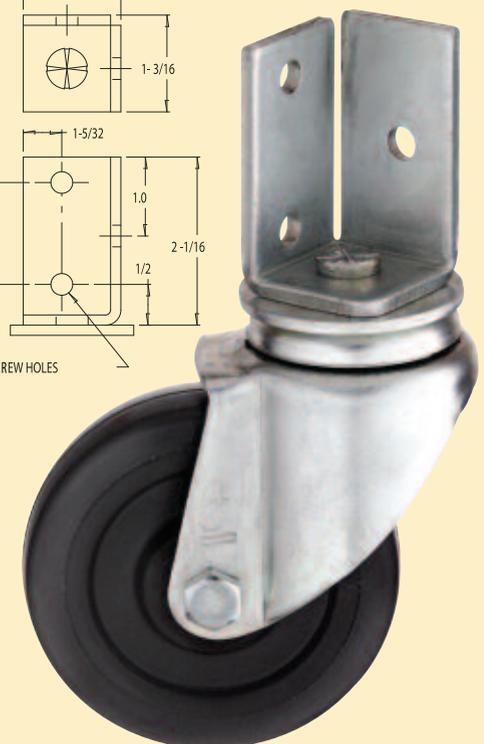


029-40X-F

Expandable Stem Series is equipped with rubber expansion adapter, which expands to fit the tubing by rotating the hex head nut at the base. Please indicate desired stem adapter via a Suffix letter.



028-30H



"028" Series has double ball bearing swivel. The angle bracket caster can be attached from the outside or inside. Electroplated finish. Nut and bolt axles.

Angle Iron Stems

028 SERIES SWIVEL						
WHEEL SPECIFICATIONS			CATALOG NUMBER	Approx. Weight lbs	Swivel Radius inches	Height Less Stem
Diameter x Width inches	Type	Cap Each lbs	Plain and Oilite Self Lubricating Bearings			
2 x 7/8	Payron	100	028-2PS	1/2	2	2 3/4
	Payflex	75	028-20X			
	Payrock	100	028-20H			
3 x 1 1/16	Payflex	75	028-30X	1	2 3/4	3 13/16
	Payrock	100	028-30H			
4 x 3 1/32	Payflex	110	028-40X	1 1/4	3 1/2	4 3/4
	Payrock	135	028-40H			
5 x 3 1/32	Payflex	125	028-50X	1 1/2	4 1/4	5 3/4
	Payrock	145	028-50H			

"WK" Brakes Available.



300-4UM-DW

500-8UL-DW



300/500

HEAVY DUTY DUAL WHEELS

Designed for top-heavy loads that require more floor contact. Because of the differential action that occurs with dual wheels, heavier loads are much easier to swivel.

300-DW Series:

Same basic construction as our 300 series. See pages 34-35 for engineering specifications. Two, 2-inch-wide wheels allow for a total floor contact of 4". A third or middle leg is welded to the base for extra strength.

500-DW Series:

Two wheels are used that measure 2½" in tread width, for a floor contact of 5". See pages 41 for engineering data. A middle leg is welded to the top cup for additional support.

Optional Extras:



WS Wheel Seals
locks out foreign matter



SL 4-Position Swivel Lock
plunger engages at 90° angles

- **Timken Bearings** are available with wheels in the 500 and 900 series.
- **Other Wheels** available (see pages 70-89)

300 DUAL WHEEL SWIVEL & RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Axle Size inches	Top Plate
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller Bearings	Rigid Roller Bearings					
4	3 3/4	Payron	1400	300-4US-DW	301-4US-DW	15	3 3/4	5 1/2	1/2	Width by Length: 4 1/2" x 6 1/2" Bolt Hole Spacing: 2 1/8" x 4 1 5/16" slotted to 3 3/8" x 5 1/4" Size of Bolt Holes: 3 3/64"
	4	Payvulc	650	300-4UP-DW	301-4UP-DW	11				
		Plexite	1400	300-4UM-DW	301-4UM-DW	10				
		Miratek	1300	300-4UT-DW	301-4UT-DW	11				
5	4	Payron	1800	300-5US-DW	301-5US-DW	18	4 1/4	6 7/8	1/2	
		Payvulc	750	300-5UP-DW	301-5UP-DW	14				
		Plexite	1800	300-5UM-DW	301-5UM-DW	12				
		Miratek	1700	300-5UT-DW	301-5UT-DW	13				
6	4	Payron	2000	300-6US-DW	301-6US-DW	22	5	7 7/8	1/2	
		Payvulc	820	300-6UP-DW	301-6UP-DW	15				
		Plexite	2000	300-6UM-DW	301-6UM-DW	14				
		Miratek	1900	300-6UT-DW	301-6UT-DW	14				
8	4	Payron	2000	300-8US-DW	301-8US-DW	29	6 1/8	9 7/8	1/2	
		Payvulc	1000	300-8UP-DW	301-8UP-DW	19				
		Plexite	2000	300-8UM-DW	301-8UM-DW	19				
		Miratek	2000	300-8UT-DW	301-8UT-DW	18				

500 DUAL WHEEL SWIVEL & RIGID SPECIFICATIONS

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Axle Size inches	Top Plate
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller, Timken Bearings	Rigid Roller, Timken Bearings					
6	5	Plexite	2800	500-6UM-DW	501-6UM-DW	27	5 1/4	8 1/4	3/4	Width by Length: 5 1/2" x 7 1/2" Bolt Hole Spacing: 3 3/8" x 5 1/4" slotted to 4 1/8" x 6 1/8" Size of Bolt Holes: 3 3/64"
		Payron	2800	500-6US-DW	501-6US-DW	39				
		Bronco	1080	500-6UV-DW	501-6UV-DW	29				
		Miratek	2200	500-6UT-DW	501-6UT-DW	27				
8	5	Plexite	2800	500-8UM-DW	501-8UM-DW	32	6 1/2	10 1/4	3/4	
		Payron	2800	500-8US-DW	501-8US-DW	49				
		Bronco	1340	500-8UV-DW	501-8UV-DW	34				
		Miratek	2600	500-8UT-DW	501-8UT-DW	32				
10	5	Plexite	2800	500-10UM-DW	501-10UM-DW	40	7 7/8	12 1/4	3/4	
		Payron	2800	500-10US-DW	501-10US-DW	68				
		Bronco	1580	500-10UV-DW	501-10UV-DW	42				
		Miratek	2800	500-10UT-DW	501-10UT-DW	38				

More Dual Wheel Casters Available:



KP500/KP501-DW
See Page 41



KP700/KP701-DW
See Page 43



KP800/KP801-DW
See Page 45



KP900/KP901-DW
See Page 47

Double Wheel Casters

LIGHT & LIGHT MEDIUM DUTY

Light Duty 020-DW

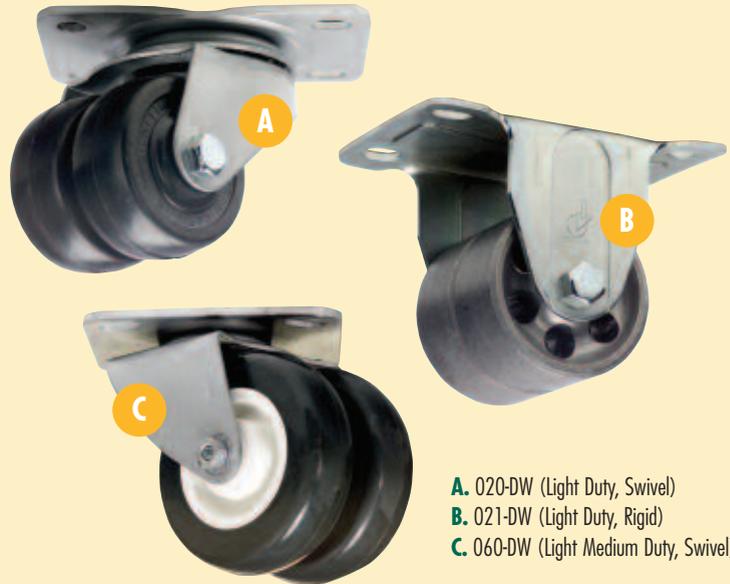
The obvious purpose of a dual wheel caster is to offer more floor contact for equipment considered to be top-heavy, such as electronic cabinets or heavy furniture. The combination of larger surface areas and the low overall height allow these duals to maneuver well in tight areas and under heavy loads.

The two separate distinct ball races make for the easiest swiveling possible. Heat treated, with a longer service life. Shouldered axles are replaceable. Zinc plated.

Optional Extras: WK Wheel Brake

Light Medium Duty 060-DW

The 060-DW double wheel casters provide a wider floor surface contact and an even larger double ball bearing swivel raceway design. All parts are hardened for longer wear. Replaceable shouldered axles. Zinc plated.



A. 020-DW (Light Duty, Swivel)
B. 021-DW (Light Duty, Rigid)
C. 060-DW (Light Medium Duty, Swivel)

DOUBLE WHEEL SWIVEL CASTERS / LIGHT DUTY

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	TOP PLATE		
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Rigid Plain, Oilite, Delrin Bearings				Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches
2	1 3/4	Payron	250	020-2PS-DW	021-2PS-DW	3/4	2 1/4	2 7/8	2 1/2 x 3 3/4	1 3/4 x 2 7/8 -3	2 1/4
		Payflex	150	020-20X-DW	021-20X-DW						
		Payrock	250	020-20H-DW	021-20H-DW						
		Peejay	250	020-2PJ-DW	021-2PJ-DW						
3	1 5/8	Payflex	250	020-30X-DW	021-30X-DW	1 1/2	3 1/4	3 13/16			
		Payrock	250	020-30H-DW	021-30H-DW						
	1 3/4	Peejay	250	020-3PJ-DW	021-3PJ-DW						
		Mirakush	290	020-3DR-DW	021-3DR-DW						
		Miratek	290	020-3DF-DW	021-3DF-DW						

Stems are available, see page 13 for options. Please consult factory. Tread width shown is a combination of the two wheels.

DOUBLE WHEEL SWIVEL CASTERS / LIGHT MEDIUM

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	TOP PLATE		
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Ball Bearings				Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches
3	2 3/4	Payron	300	060-3PS-DW		3	3 1/4	4 1/8	3 3/4 x 4 3/8	2 5/8 x 3 5/8 slotted to 3 x 3	2 5/16
		Payflex	220	060-30X-DW							
		Payrock	300	060-30H-DW							
	2 1/2	Peejay	300	060-3PJ-DW							
4	2 1/2	Payflex	300	060-40X-DW		4 1/2	3 5/8	4 13/16			
		Payrock	375	060-40H-DW							
		Peejay	375	060-4PJ-DW							
	2 1/4	Mirakush	325	060-4DR-DW	060-4BR-DW						
		Miratek	350	060-4DF-DW	060-4BF-DW						

Stems are available, see page 23 for options. Please consult factory. Tread width shown is a combination of the two wheels. No rigids.

Full Pneumatic HEAVY & MEDIUM DUTY

Payson's Full-Pneumatics are recommended for maximum protection to both the load and the floor. Full-pneumatics act on the same principle as an automobile tire—the tires float on air. With the same construction as the 400 Series, the heavy duty casters will withstand a great deal of shock, and will move delicate parts over rough terrain. Finish is rust-resistant electro plate.

Optional Extras: WB Wheel Brake & foam filling (Consult Factory)

Broncushion CUSHION CASTERS

Casters with Broncushion wheels are designed for those fragile loads and offer quiet, smooth rolling. The specially formulated, eye-appealing charcoal grey rubber has a non-marking, soft 60 Shore A durometer. 4" and 5" wheels have hard fibrous centers. 6" and 8" wheels have aluminum centers.

Optional Extras:

050 Series: WK Wheel Brake; SK swivel/wheel lock

200 Series: WK Wheel Brake; SK swivel/wheel lock; SL 4-position swivel lock;

SS swivel seals; WS wheel seals



400-8UW

- 8" swivel
- Full-Pneumatic wheel
- Anti-friction roller bearing



200-6UN

- 6" swivel
- Broncushion wheel
- Anti-friction roller bearing

FULL PNEUMATIC HEAVY DUTY CASTERS												
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller, Ball Bearings	Rigid Roller, Ball Bearings							
8	2.80-4	Pneumatic	320*	400-8UW	401-8UW	16	6½	10¼	4¾ x 6 5/8	2 7/16 x 4 15/16 slotted to 3 3/8 x 5 1/4	3 3/4	
10	3.50-4	Pneumatic	515*	400-10UW	401-10UW	20	7 7/8	12¼				
12	4.00-6	Pneumatic	700*	400-12UW	401-12UW	23	8 7/8	14¼				

FULL PNEUMATIC MEDIUM DUTY CASTERS												
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller, Ball Bearings	Rigid Roller, Ball Bearings							
6	2	Pneumatic	255	200-6BW	201-6BW	6½	5	7½	3¾ x 4 5/8	2 5/8 x 3 5/8 slotted to 3 x 3	2 5/4	
8	2.80-4	Pneumatic	300*	190-8UW	191-8UW	9¾	7½	10				
10	3.50-4	Pneumatic	400*	190-10UW	191-10UW	11	7 7/8	12				

Weight of Rigid Casters will be approximately 10% less than companion Swivel. "WB" Brakes and optional features available. Consult factory.

*When inflated to 50 lbs. and operated under 5 mph.

BRONCUSHION CASTER SPECIFICATIONS												
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller, Ball Bearings	Rigid Roller, Ball Bearings							
4	1¼	Broncushion	150	050-4BN	051-4BN	2½	3 5/8	5	2½ x 3¾	1¾ x 2 7/8 -3	2 1/4	
5	1¼	Broncushion	170	050-5BN	051-5BN	3	4 5/8	6 1/8				
6	2	Broncushion	350	200-6UN	201-6UN	6½	5	7½	3¾ x 4 5/8	2 5/8 x 3 3/8 slotted to 3 x 3	2 1/4	
8	2	Broncushion	450	200-8UN	201-8UN	8	6 3/8	9½				

V-Grooved

Every Payson V-Grooved wheel has been accurately machined to fit tightly on angle iron track. At the same time, they have also been designed for use on ordinary floor surfaces. The capacities listed are for manual operation up to four miles per hour. For static loads, the capacities can be increased appreciably.

Applications:

For production systems which operate constantly from station to station. Allows better use of floor space and avoids cluttered aisles.

Engineering Data:

- Payron semi-steel wheels.
 - High tensile Payductile wheels for high capacity loads.
- (See particular series in standard section for caster specifications.)

Standard Features/Components:

- Zinc plated.
- Nut & bolt axles.



V-GROOVED SWIVEL SPECIFICATIONS

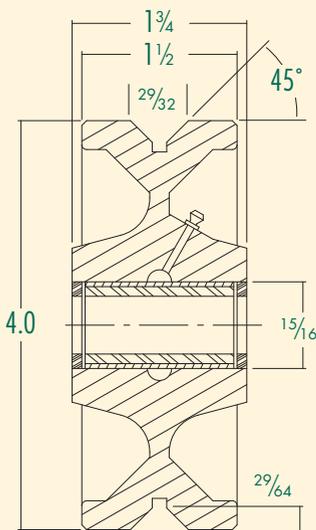
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller Bearings	Timken Bearings						
4	1½	Payron	425	760-4USG		4	3½	5	4 x 5	3 x 4	25/64
		Payron	800	070-4USG		4½	3¾	5½	3¾ x 4½	2½ x 3½ slotted to 3 x 3	
6	2	Payron	1000	200-6USG		10½	5	7½	3¾ x 4½	2½ x 3½ slotted to 3 x 3	25/64
	2½	Payron	2000	300-6USG		22	5¼	7¾	4¾ x 6½	27/16 x 415/16 slotted to 3¾ x 5¼	33/64
8	2	Payron	1200	200-8USG		13	63/16	9½	3¾ x 4½	2½ x 3½ slotted to 3 x 3	25/64
	2½	Payductile	2350	300-8UDG	300-8TDG	23	6½	10¼	4¾ x 6 5/8	27/16 x 415/16 slotted to 3¾ x 5¼	33/64
	2½	Payductile	3000	500-8UDG	500-8TDG	26	6½	10¼	5½ x 7½	3¾ x 5¼ slotted to 4½ x 6½	33/64
	2½	Payductile	6000	KP500-8UDG	KP500-8TDG	27	6½	10¼	5½ x 7½	3¾ x 5¼ slotted to 4½ x 6½	33/64
	4	Payductile	10000	KP800-8UDG	KP800-8TDG	52	6½	11	6½ x 7½	4½ x 6	9/16
4	Payductile	15000	KP900-8UDG	KP900-8TDG	67	6½	11¼	8½ x 8½	7 x 7	11/16	
10	4	Payductile	10000	KP800-10UDG	KP800-10TDG	64	75/8	13	6½ x 7½	4½ x 6	9/16
	4	Payductile	15000	KP900-10UDG	KP900-10TDG	79	75/8	13¼	8½ x 8½	7 x 7	11/16

V-GROOVED RIGID SPECIFICATIONS

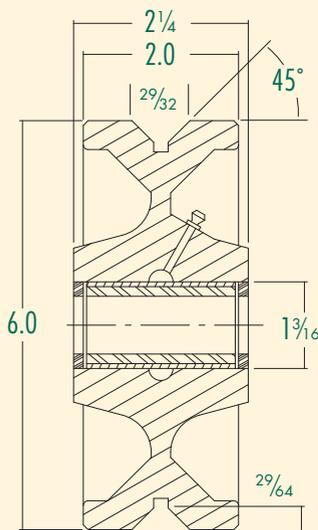
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Height Overall inches	Width by Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches
Diameter inches	Width inches	Type	Cap Each lbs	Rigid Roller Bearings	Timken Bearings					
4	1½	Payron	425	761-4USG		3¼	5	3 1/8 x 6 1/4	1¾ x 5	25/64
		Payron	800	071-4USG		3½	5½	3¾ x 4½	2½ x 3½ slotted to 3 x 3	25/64
6	2	Payron	1000	201-6USG		9½	7½	3¾ x 4½	2½ x 3½ slotted to 3 x 3	25/64
	2½	Payron	2000	301-6USG		19½	75/8	4¾ x 6½	27/16 x 415/16 slotted to 3¾ x 5¼	33/64
8	2	Payron	1200	201-8USG		12	9½	3¾ x 4½	2½ x 3½ slotted to 3 x 3	25/64
	2½	Payductile	2350	301-8UDG	301-8TDG	20½	10¼	4¾ x 6½	27/16 x 415/16 slotted to 3¾ x 5¼	33/64
	2½	Payductile	3000	501-8UDG	501-8TDG	22	10½	5¼ x 7¼	3¾ x 5¼ slotted to 4½ x 6½	33/64
	2½	Payductile	6000	KP501-8UDG	KP501-8TDG	44	10¼	5¼ x 7¼	3¾ x 5¼ slotted to 4½ x 6½	33/64
	4	Payductile	10000	KP801-8UDG	KP801-8TDG	22	11	6½ x 7½	4½ x 6	9/16
4	Payductile	15000	KP901-8UDG	KP901-8TDG	57	11¼	8½ x 8½	7 x 7	11/16	
10	4	Payductile	10000	KP801-10UDG	KP801-10TDG	56	13	6½ x 7½	4½ x 6	9/16
	4	Payductile	15000	KP901-10UDG	KP901-10TDG	69	13¼	8½ x 8½	7 x 7	11/16

*Maximum capacity for any Payductile V-Grooved wheel with roller bearings is 8000lbs.

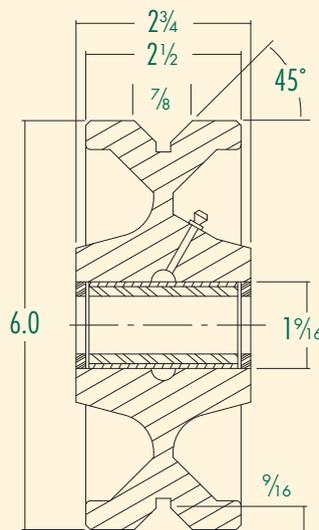
► PAYRON SEMI-STEEL: ROLLER BEARINGS



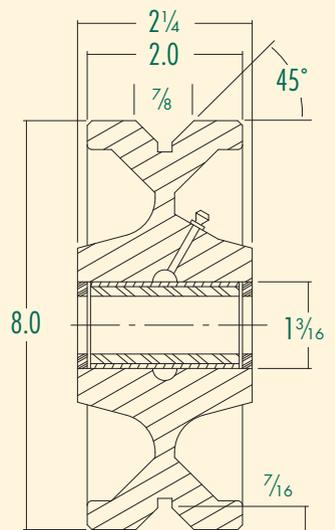
04150-USG
Payron Semi-Steel
 4" x 1 1/2", Roller Bearing



06200-USG
Payron Semi-Steel
 6" x 2", Roller Bearing

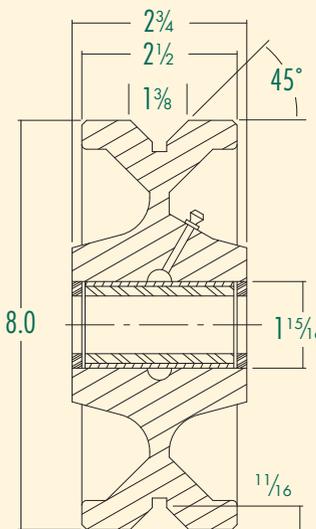


06250-USG
Payron Semi-Steel
 6" x 2 1/2", Roller Bearing

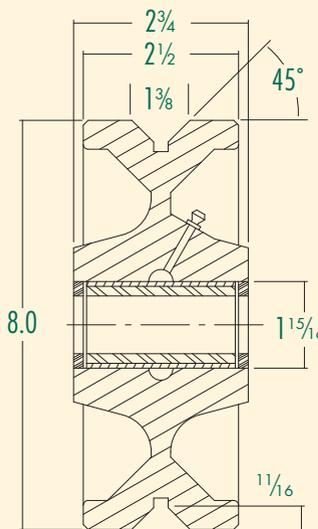


08200-USG
Payron Semi-Steel
 8" x 2", Roller Bearing

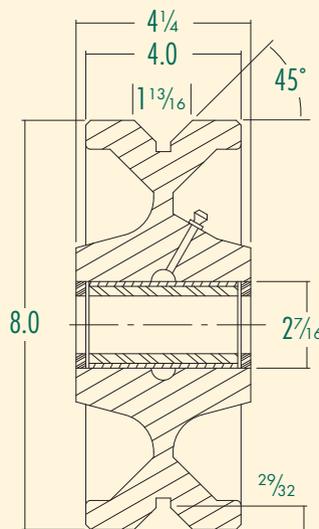
► PAYDUCTILE: ROLLER BEARINGS



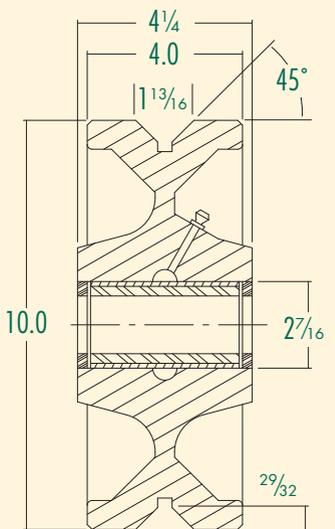
08250-UDG
Payductile
 8" x 2 1/2", 1" Roller Bearing



08251-UDG
Payductile
 8" x 2 1/2", 1 1/4" Roller Bearing



08400-UDG
Payductile Iron
 8" x 4", 1 1/2" Roller Bearing



10400-UDG
Payductile Iron
 10" x 4", 1 1/2" Roller Bearing

Door/Ladder Casters



182 SERIES

Has heavy compression spring (100 lbs. rated for door support) and zinc plated spring.



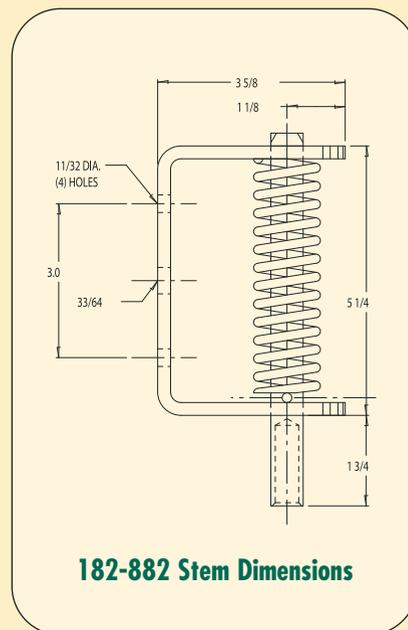
582 SERIES

Has heavy compression spring (200 lbs. rated for door support) and yellow plated spring.



882 SERIES

Has heavy compression spring (300 lbs. rated for door support) and red/rose plated spring.



182-882 Stem Dimensions

182 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Stem Dimensions inches
Diameter inches	Type	Cap Each lbs			
2	Payron	100	182-2PS	2 3/4	2 X 5 1/2 Plate, 4 Holes 1 1/4 x 3
	Payflex	75	182-2OX		
	Payrock	100	182-2OH		
2 1/2	Payflex	75	182-2 1/2 OX	3 7/16	
	Peejay	100	182-2 1/2 PJ		
3	Payflex	100	182-3OX	3 1 1/16	
	Payrock	125	182-3OH		

582 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Mounting Plate inches
Diameter inches	Type	Cap Each lbs			
2 1/2	Payron	150	582-2 1/2 PS	3 1 5/16	2 X 5 1/2 Plate, 4 Holes 1 1/4 x 3
	Payflex	150	582-2 1/2 OX		
	Payrock	200	582-2 1/2 OH		
3	Payron	210	582-3PS	4	
	Payflex	150	582-3OX		
	Payrock	210	582-3OH		

882 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Mounting Plate inches
Diameter inches	Type	Cap Each lbs			
3	Plexite	500	882-3UM	4 5/16	2 x 5 1/2 Plate, 4 Holes 1 1/4 x 3

New Option:

**182-2OX-P
P Pipe Mount**

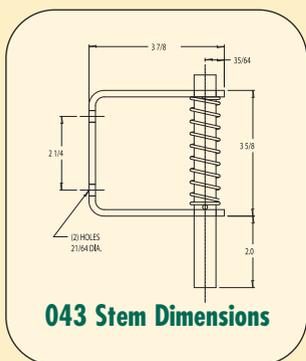
The optional form to fit with pipe and tubing. Designed for 1 1/8" tube. Equals 1.66 outside diameter.

*Optional Extras: Spring and lock nut kit available.



043 SERIES

The 043 caster is for ladders or light platforms using a 25lbs. compression rating.



043 Stem Dimensions

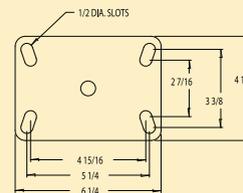
142 SERIES

The 142 Series is shown with optional spring and lock nut. This caster is designed for rolling ladders.



982 SERIES

- 6" long spring.
- 2" compression.



C Top Plate
Suffix -C as 982-4UK-C

OTHER PLATE
SIZES AVAILABLE

Heavy Duty Gate Caster

Engineering Data:

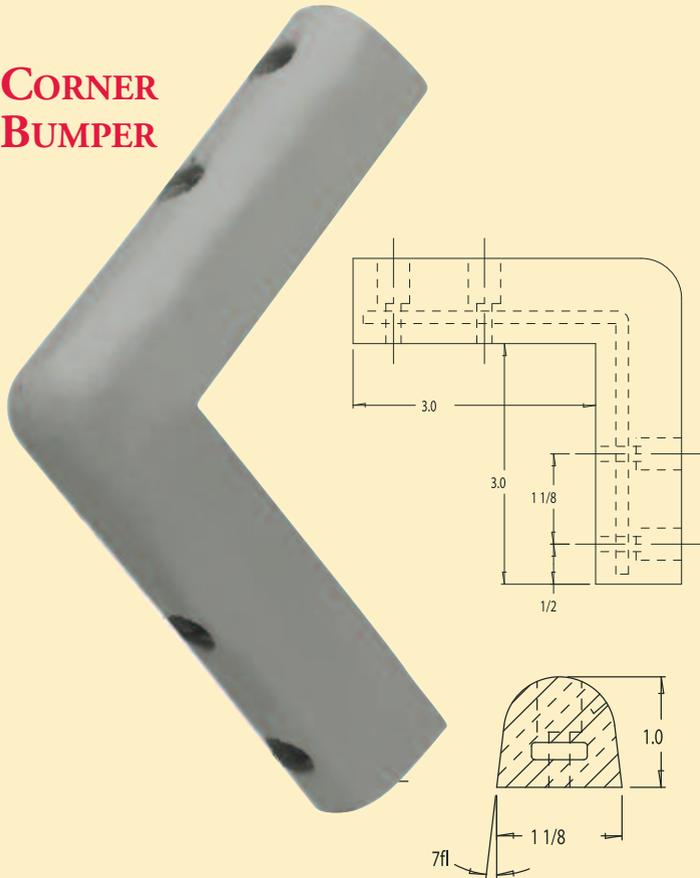
- Maximum compression force is 600 lbs.
- Full compression travel = 2"
- 1/4" arms that are double-welded
- Black powder coated is standard
- Other colors available upon request
- Height from top of plate to top of caster is 11 3/4"

043 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Mounting Plate inches
Diameter inches	Type	Cap Each lbs			
2	Payflex	75	043-20X	2 3/4	1 x 3 3/8, 2 holes, 2 1/8 spacing
	Payrock	100	043-20H		
3	Payflex	75	043-30X	3 1/16	1 x 3 3/8, 2 holes, 2 1/8 spacing
	Payrock	100	043-30H		

142 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Stem Dimensions inches
Diameter inches	Type	Cap Each lbs			
2	Payflex	75	142-20X	2 3/4	5/16 x 2 Base 5/16 - 18 x 3 Upper Stem
	Payrock	100	142-20H		
2 1/4	Payflex	75	142-2 1/2OX	3 1/4	
	Peejay	100	142-2 1/2PJ		
3	Payflex	100	142-30X	3 1/2	
	Payrock	125	142-30H		

982 SIDE MOUNT SPRING LOADED						
WHEEL SPECIFICATIONS				Catalog Number	Caster Height inches	Weight lbs
Diameter inches	Width inches	Type	Cap Each lbs			
3	1 3/8	Peejay	500	982-3PJ	4 1/4	11
		Plexite	700	982-3UM		
4	2	Mirakush	500	982-4UK	5 5/8	11 1/2
		Miratek	700	982-4UT		
5	2	Mirakush	500	982-5UK	6 1/2	12
		Miratek	700	982-5UT		
6	2	Mirakush	550	982-6UK	7 1/2	13
		Miratek	820	982-6UT		
8	2	Mirakush	700	982-8UK	9 1/2	14 1/2
		Miratek	900	982-8UT		

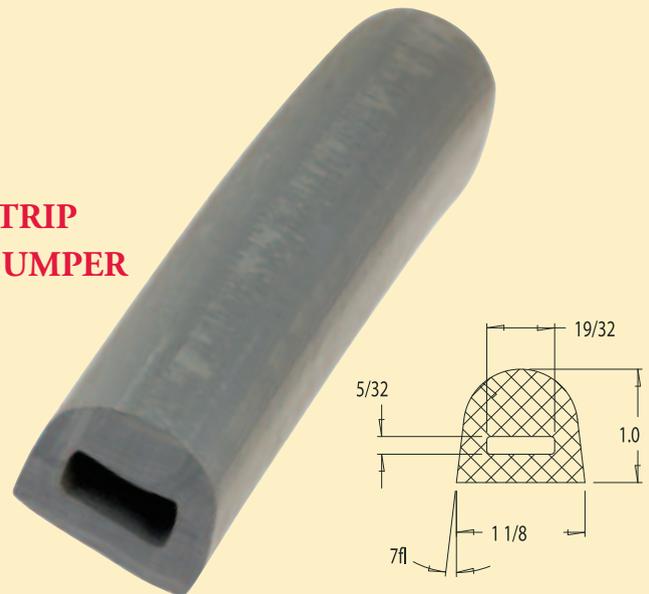
CORNER BUMPER



HANDLE BUMPER



STRIP BUMPER



Bumpers

CB331 CORNER BUMPER

Constructed of a tough non-marking grey rubber compound which will protect all surfaces. Combined with our SB-333 Strip Bumper, uniform and continuous protection provides around the entire unit.

CB-331 CORNER BUMPER		
Catalog Number	Approx Weight lbs	Specifications
CB-331	3/8	(See Line Drawing)

SB-333 STRIP BUMPER

Flat based rubber strip is easily applied. Does not require a special channel. A rectangular shaped tunnel allows for insertion of an optional flat metal strip, for extra strength.

SB-333 STRIP BUMPER		
Catalog Number	Approx Weight lbs/ft	Specifications
SB-333	1/2	(See Line Drawing)
SB-333-MS	3/8	3/4 Metal Strip Included

HB-325 HANDLE BUMPER

Most frequently installed on the ends of tubular handles of hand and platform trucks to give needed protection to walls and doorways. A flat steel insert is molded into this non-marking bumper which insures additional strength.

HB-325 HANDLE BUMPER		
Catalog Number	Approx Weight lbs	Specifications
HB-325	1/3	(See Line Drawing)

Round Ball Casters

These Round Ball Office Chair Casters are designed for use on luxury chairs and furniture. Extra large ball is designed to provide easy rolling on carpeted floors while distributing the load to reduce wear.

Applications:

For quality chairs and furniture where a combination of style and rugged durability are prerequisites.

Engineering Data:

Extra large diameter double ball bearing raceways for greater strength and easier swiveling. Larger diameter ball-type wheel for greater distribution of load and easy rolling.

Standard Features/Components:

Zinc plated finish is standard, although Bright Chrome and English Bronze are available. Please specify via a Suffix Letter.



Plate & Stems Available:



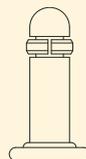
000 Plate
1 x 2 1/4 Spacing, 1 7/64 holes



002 Grip Neck
5/16 x 1 1/2



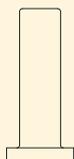
"HI" Socket
For use with 002 Stem in wood 3/8 I.D. Hole



003 Ring Ret
7/16 x 1 1/2
3/8 x 1



004 Threaded
5/16 - 18 x 1 1/2
3/8 - 16 x 1 1/2



007 Plain Round
7/16 x 1 1/8
For use in "PS" Sockets



00870 - PS
Socket for 1 x 16 gauge tubing of 7/8 I.D.



00906 - PS
Socket for 1 x 18 gauge tubing of 29/32 I.D.

000-007 SERIES SWIVEL												
WHEEL SPECIFICATIONS					CATALOG NUMBER							
Diameter inches	Type	Cap Each lbs	Height (less stem)	Approx Weight lbs	1 3/4 x 3 plate 1 x 2 1/4 holes 1 7/64	5/16 x 1 1/2 Grip Neck Stem	7/16 x 1 1/2 Ring Ret. Stem	3/8 x 1 Ring Ret. Stem	5/16 - 18 x 1 1/2 Threaded Stem	3/8 - 16 x 1 1/2 Threaded Stem	7/16 x 1 1/8 Round Stem	
2	Payflex	75	2 3/4	3/4	000-20X	002-20X	003-20X	Z003-20X	004-20X	Z004-20X	007-20X	
	Payrock	100			000-20H	002-20H	003-20H	Z003-20H	004-20H	Z004-20H	007-20H	
2 1/2	Payflex	110	3 1/4	7/8	000-2 1/2OX	002-2 1/2OX	003-2 1/2OX	Z003-2 1/2OX	004-2 1/2OX	Z004-2 1/2OX	007-2 1/2OX	
	Payrock	140			000-2 1/2OH	002-2 1/2OH	003-2 1/2OH	Z003-2 1/2OH	004-2 1/2OH	Z004-2 1/2OH	007-2 1/2OH	

Finishes Available: ZP = Zinc Plated BC = Bright Chrome EB = English Bronze

Round Stem Casters

LIGHT, MEDIUM, & HEAVY DUTY

A wide variety of round stem casters is offered in light, medium, and heavy duty. Each particular series is a derivative of a standard Payson caster. Double ball bearing swivel raceways. Heat treated for longer wear. Zinc plated finish. Only the most popular stem models are listed. Additional sizes may be offered. Please consult the factory.

Within the tables below, you'll find threaded stem casters for every conceivable application and, of course, in light, medium, and heavy duty ranges. All models have double ball bearing swivels, and hardened raceways, with replaceable nut and bolt axles, and a standard zinc plate finish. Additional stems may be available for that ultra special usage.

023-30x

- Light duty
- For use on equipment with tubular legs
- Retention ring locks caster



Optional Extras:



TG Thread Guards

cannot be used with WK brakes



WK Brake

locks wheel, not used with Thread Guards, swivel only



WS Wheel Seals

locks out foreign matter

LIGHT DUTY: 023 SERIES SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER	Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain & Oilite Self Lubricating Bearings Roller				Standard in	Variations Available in
2	7/8	Payron	100	023-2PS	1/2	2	2 3/4	7/16 x 1 1/2" Ring Retention	3/8 x 1" Ring Retention
		Payflex	75	023-20X					
		Payrock	100	023-20H					
2 1/2	7/8	Payflex	75	023-2 1/2OX	3/4	2 1/2	3 7/16	7/16 x 1 1/2" Ring Retention	7/16 x 1 7/8" Plain Round
		Peejay	100	023-2 1/2PJ					
3	3 1/2	Payflex	100	023-30X	1	2 3/4	3 1 1/16	7/16 x 1 1/2" Ring Retention	7/16 x 1 7/8" Plain Round
		Payrock	125	023-30H					
4	3 1/2	Payflex	110	023-40X	1 1/4	3 3/8	4 5/8	7/16 x 1 1/2" Ring Retention	7/16 x 1 7/8" Plain Round
		Payrock	135	023-40H					
5	3 1/2	Payflex	125	023-50X	1 1/2	4 1/8	5 5/8	7/16 x 1 1/2" Ring Retention	7/16 x 1 7/8" Plain Round
		Payrock	145	023-50H					

No Rigid Models available. Standard Stem sizes will be furnished unless otherwise specified. Additional wheels and other options are available. See 020 Series; pages 12-13.

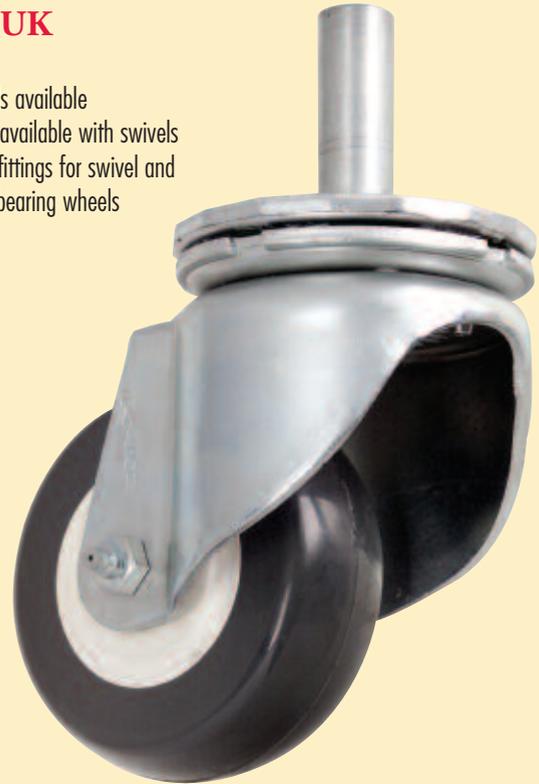
053-4DF

- Medium Duty
- Ideal for institutional equipment
- Rigid models available
- WK Brakes are available with swivels



073-4UK

- Heavy Duty
- Rigid models available
- WK Brakes available with swivels
- Lubrication fittings for swivel and antifriction bearing wheels



MEDIUM DUTY: 053 SERIES SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite Delrin Bearings	Roller, Ball Bearings				Standard in	Variations Available in
3	1¼	Payron	210	053-3PS	053-3US	2½	2⅝	3⅞	5/8 x 2" plain round	Consult Factory
	1⅜	Payflex	125	053-30X		1¼				
		Payrock	210	053-30H						
4	1¼	Payflex	165	053-4PS		2½	3⅞	4⅞		
		Payrock	255	053-40H						
	1⅝	Mirakush	200	053-4DR	053-4BR	2⅝				
		Miratek	240	053-4DF	053-4BF					
5	1¼	Payron	190	053-50X		3	4⅞	5⅞		
	1⅝	Payrock	260	053-50H		3				
		Mirakush	200	053-5DR	053-5BR	2½				
		Miratek	240	053-5DF	053-5BF					

Standard Stem sizes will be furnished unless otherwise specified. Additional wheels and other options are available. See 050 Series; pages 16-17.

HEAVY DUTY: 073 SERIES SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite Delrin Bearings	Roller Bearings				Standard in	Variations Available in
4	1⅜	Payron	425	073-4PS	073-4US	5	3⅞	5⅞	¾ x 2½" plain round	Consult Factory
	1½	Payflex	200	073-40X		3¾				
		Payrock	300	073-40H						
		Mirakush	300	073-4DK	073-4UK					
5	1½	Payron	500	073-50S	073-5US	6	4⅞	6⅞		
		Payflex	240	073-50X		4¾				
		Payrock	350	073-50H						
		Mirakush	350	073-5DK	073-5UK					

Standard Stem sizes will be furnished unless otherwise specified. Additional wheels and other options are available. See 070 Series pages; 20-21.

Threaded Stem Casters

LIGHT, MEDIUM, & HEAVY DUTY

Within the tables to the right, you'll find threaded stem casters for every conceivable application and, of course, in light, medium, and heavy duty ranges. All models have double ball bearing swivels, hardened raceways with replaceable nut and bolt axles, and a standard zinc plate finish. Additional stems may be available for that ultra special usage. See pages 12-13.

024-3OX

- Light duty
- Wide selection of threaded stems
- No rigid models available
- WK Brakes are available for all sizes



054-4BF

- Medium duty
- Rigid models available
- WK Brakes are available with swivels only



074-4US

- Heavy duty
- Rigid models available
- WK Brakes available with swivels
- Equipped with lubrication fittings for swivel and anti-friction bearing wheels



Optional Extras:



TG Thread Guards
cannot be used with WK brakes



WK Brake
locks wheel, not used with Thread Guards, swivel only

LIGHT DUTY: 024 SERIES SWIVEL										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain & Oilite Self Lubricating Bearings	Standard in				Variations Available in	
2	7/8	Payron	100	024-2PS	1/2	2	2 3/4	5/16 - 18 X 1 1/2		
		Payflex	75	024-20X						
		Payrock	100	024-20H						
2 1/2	7/8	Payflex	75	024-2 1/2 OX	3/4	2 1/2	3 7/16	3/8 - 16 X 1 1/2		
		Peejay	110	024-2 1/2 PJ				7/16 - 14 X 1 1/2		
3	3 1/32	Payflex	100	024-30X	1	2 3/4	3 11/16	3/8 - 16 X 1 1/2		7/16 - 14 X 2 1/2
		Peejay	125	024-30H						1/2 - 13 X 1 1/2
4	3 1/32	Payflex	110	024-40X	1 1/4	3 3/8	4 5/8			
		Payrock	135	024-40H						
5	3 1/32	Payflex	125	024-50X	1 1/2	4 1/8	5 5/8			
		Payrock	145	024-50H						

MEDIUM DUTY: 054 SERIES SWIVEL											
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS		
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite, Delrin Bearings	Roller, Ball Bearings				Standard in	Variations Available in	
2 1/2	1	Payron	200	054-2 1/2 PS	1 3/4	2 1/2	3 5/16	7/16 - 14 x 1 1/2	3/8 - 16 x 1 1/2		
	1 1/8	Payflex	125	054-2 1/2 OX					7/16 - 14 x 2 1/2		
		Payrock	175	054-2 1/2 OH					1/2 - 13 x 1 1/2		
3	1 1/4	Payron	210	054-3PS	054-3US	2 1/2	4				
	1 3/8	Payflex	125	054-30X	1 1/4				2 7/8		
		Payrock	210	054-30H							
4	1 1/4	Payflex	165	054-40X	2 1/2	3 3/16	4 7/8		1/2 - 13 x 1 1/2	3/4 - 10 x 4	
	1 1/8	Payrock	255	054-40H						2 1/8	5/8 - 11 x 2
		Mirakush	200	054-4DR							054-4BR
5	1 1/4	Payflex	165	054-50X	3	4 5/16	6 1/16				
		Payrock	255	054-50H							
	1 1/8	Mirakush	200	054-5DR	054-5BR					2 1/2	
		Miratek	240	054-5DF	054-5BF						

Rigid Models are available. To order, use Swivel Catalog Number and add Suffix "R", as "054-4DF-R".
 Standard Stem sizes will be furnished unless otherwise specified. Additional Wheels and other options are available. See 050 Series; pages 16-17.

HEAVY DUTY: 074 SERIES SWIVEL										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite, Delrin Bearings	Roller Bearings				Standard in	Variations Available in
4	1 3/8	Payron	425	074-4PS	074-4US	5	3 3/4	5 3/8		
	1 1/2	Payflex	200	074-40X	3 3/4					
		Payrock	300	074-40H						
		Mirakush	300	074-4DK						074-4UK
5	1 1/2	Payron	500	074-50S	4 3/4	4 5/16	6 3/8	3/4 - 10 x 2 1/2		5/8 - 11 x 2 & Consult Factory
		Payflex	240	074-50X						
		Payrock	350	074-50H						
		Mirakush	350	074-5DK				074-5UK		

Rigid Models are available. To order, use Swivel Catalog Number and add Suffix "R", as "074-4DK-R".
 Standard Stem sizes will be furnished unless otherwise specified. Additional Wheels and other options are available. See 070 Series; pages 20-21.

Pipe Stem Casters

LIGHT, MEDIUM, & HEAVY DUTY

Complementing our stem selection is a wide array of pipe stem models in the light, medium, and heavy duty categories. All models have double ball bearing swivels, heat treated raceways, and removable nut and bolt axles. Standard finish is zinc plated. Additional stems and wheels are available upon request.

025-2PS

- Light duty
- Rigids cannot be supplied
- WK Brakes are available



055-40X

- Medium duty
- Companion rigids
- WK Brakes available with swivels only



075-4US

- Heavy duty
- Companion rigids
- Contains grease fittings for swivel and anti-friction bearing wheel
- WK Brakes available with swivels only



Optional Extras:



TG Thread Guards
cannot be used with WK brakes



WK Brake
locks wheel, not used with Thread Guards



WS Wheel Seals
locks out foreign matter

LIGHT DUTY: 025 SERIES SWIVEL										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain & Oilite Self Lubricating Bearings	Standard in				Variations Available in	
2	7/8	Payron	100	025-2PS	1/2	2	2 3/4	3/4 Tapered Thread NPT	1 Tapered Thread NPT	
		Payflex	75	025-20X						
		Payrock	100	025-20H						
2 1/2	7/8	Payflex	75	025-2 1/2 OX	3/4	2 1/2	3 7/16			
		Peejay	100	025-2 1/2 PJ						
3	3 1/32	Payflex	100	025-30X	1	2 3/4	3 1 1/16			
		Payrock	125	025-30H						
4	3 1/32	Payflex	110	025-40X	1 1/4	3 3/8	4 5/8			
		Payrock	135	025-40H						
5	3 1/32	Payflex	125	025-50X	1 1/2	4 1/8	5 5/8			
		Payrock	145	025-50H						

No Rigid Models available. Standard Stem sizes will be furnished unless otherwise specified. Additional wheels and other options are available. See 020 Series; pages 12-13.

MEDIUM DUTY: 055 SERIES SWIVEL										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite Delrin Bearings	Roller, Ball Bearings				Standard in	Variations Available in
3	1 1/4	Payron	210	055-3PS	055-3US	2 1/2	2 7/8	4	3/4 Tapered Thread NPT	1 Tapered Thread NPT
	1 3/8	Payflex	125	055-30X		1 1/4				
		Payrock	210	055-30H						
4	1 1/4	Payflex	165	055-40X		2 1/2	3 3/16	5		
		Payrock	265	055-40H						
	1 1/8	Mirakush	200	055-4DR	055-4BR	2 1/8				
		Miratek	240	055-4DF	055-4BF					
5	1 1/4	Payflex	190	055-50X		3	4 5/16	6 1/16		
		Payrock	260	055-50H						
	1 1/8	Mirakush	200	055-5DR	055-5BR	2 1/2				
		Miratek	240	055-5DF	055-5BF					

Rigid Models are available. To order, use Swivel Catalog Number and add Suffix "R", as "055-5BR-R".

Standard Stem sizes will be furnished unless otherwise specified. Additional Wheels and other options are available. See 050 Series; pages 16-17.

HEAVY DUTY: 075 SERIES SWIVEL										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite Delrin Bearings	Roller Bearings				Standard in	Variations Available in
4	1 3/8	Payron	425	075-4PS	075-4US	5	3 3/4	5 3/8	3/4 Tapered Thread NPT	1 Tapered Thread NPT
		Payflex	200	075-40X		3 3/4				
	1 1/2	Payrock	300	075-40H						
		Mirakush	300	075-4DK	075-4UK					
5	1 1/2	Payron	500	075-50S	075-5US	6	4 5/16	6 3/8		
		Payflex	240	075-50X		4 3/4				
		Payrock	350	075-50H						
		Mirakush	350	075-5DK	075-5UK					

Rigid Models are available. To order, use Swivel Catalog Number and add Suffix "R", as "075-5US-R".

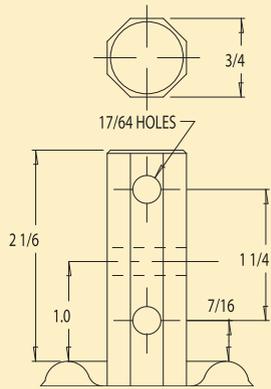
Standard Stem sizes will be furnished unless otherwise specified. Additional Wheels and other options are available. See 070 Series; pages 20-21.

Octagon Stem Casters

**SANITARY
CASTERS**

LIGHT, MEDIUM, & HEAVY DUTY

Many applications require the use of a versatile octagon stem and either bolted or welded attachment to angle iron legs. Available in light, medium, and heavy duty, these models are equipped with hardened double ball bearing swivel raceways with removable nut and bolt axles, and a standard zinc plated finish. Additional stem sizes and wheels may be available upon request.



26-30X

- Light duty
- Rigids cannot be supplied
- WK Brakes are available



Optional Extras:



TG Thread Guards
cannot be used with WK brakes



WK Brake
locks wheel, not used with Thread Guards

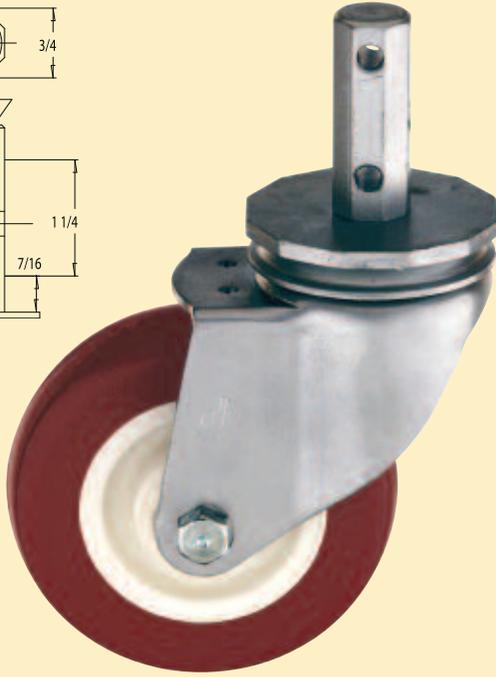
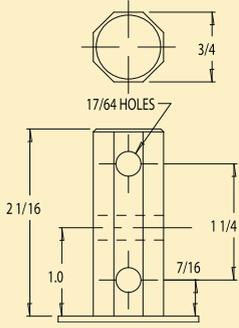


WS Wheel Seals
locks out foreign matter

LIGHT DUTY: 026 SERIES SWIVEL

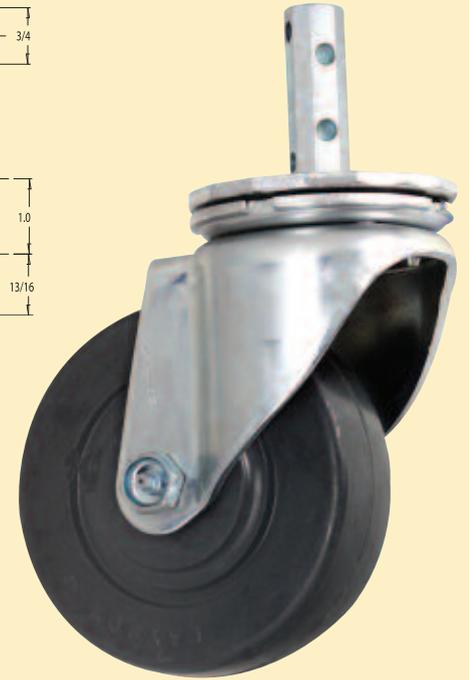
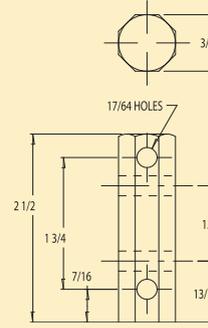
WHEEL SPECIFICATIONS				CATALOG NUMBER	Approx. Weight	Swivel Radius	Height Less Stem	STEM DIMENSIONS	
Diameter	Width	Type	Cap Each	Plain & Oilite Self Lubrication Bearings	lbs	inches	inches	Standard in	Variations Available in
inches	inches		lbs						
2	7/8	Payron	100	026-2PS	1/2	2	2 3/4	3/4 x 2 1/16 (See line Drawing)	Consult Factory
		Payflex	75	026-20X					
		Payrock	100	026-20H					
2 1/2	7/8	Payflex	75	026-2 1/2 OX	3/4	2 1/2	3 7/16		
		Peejay	110	026-2 1/2 PJ					
3	3 1/2	Payflex	100	026-30X	1	2 3/4	3 1 1/16		
		Payrock	125	026-30H					
4	3 1/2	Payflex	110	026-40X	1 1/4	3%	4%		
		Payrock	135	026-40H					
5	3 1/2	Payflex	125	026-50X	1 1/2	4%	5%		
		Payrock	145	026-50H					

No Rigid Models available. Standard Stem sizes will be furnished unless otherwise specified. Additional wheels and other options are available. See 020 Series; pages 12-13.



056-4DF

- Medium duty
- Companion rigids
- WK Brakes available with swivels only



076-5OH

- Heavy duty
- Companion rigids
- WK Brakes available with swivels only
- Lubrication fittings for swivel and anti-friction bearing wheels

MEDIUM DUTY: 056 SERIES SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS		
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite Delrin Bearings	Roller, Ball Bearings				Standard in	Variations Available in	
3	1 1/4	Payron	210	056-3PS	056-3PS	2 1/2	2 7/8	3 7/8	3/4 x 2 1/16 (See line Drawing)	Consult Factory	
	1 3/8	Payflex	125	056-30X							
		Payrock	210	056-30H							
4	1 1/4	Payflex	165	056-40X		2 1/2					
		Payrock	255	056-40H							
	1 1/8	Mirakush	200	056-4DR	056-4BR	2 1/8	3 3/8				
		Miratek	240	056-4DF	056-4BF						
5	1 1/4	Payflex	190	056-50X		3		4 5/8			5 15/16
		Payrock	2690	056-50H							
	1 1/8	Mirakush	200	056-5DR	056-5BR	2 1/2					
Miratek		240	056-5DF	056-5BF							

Rigid Models are available. To order, use Swivel Catalog Number and add Suffix "R".
Standard Stem sizes will be furnished unless otherwise specified. Additional Wheels and other options are available. See 050 Series; pages 16-17.

HEAVY DUTY: 076 SERIES SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS	
Diameter inches	Width inches	Type	Cap Each lbs	Plain, Oilite Delrin Bearings	Roller Bearings				Standard in	Variations Available in
4	1 3/8	Payron	600	076-4PS	076-4US	5	3 3/4	5 3/8	3/4 x 2 1/2 (See line Drawing)	Consult Factory
		Payflex	200	076-40X						
	1 1/2	Payrock	300	076-40H		3 3/4				
		Mirakush	300	076-4DK	076-74UK					
5	1 1/2	Payron	600	076-50S	076-5US	6	4 5/8	6 3/8		
		Payflex	240	076-50X						
		Payrock	350	076-50H		4 3/4				
		Mirakush	350	076-5DK	076-5UK					

Rigid Models are available. Standard Stem sizes will be furnished unless otherwise specified. Additional Wheels and other options are available. See 070 Series; pages 20-21.

Scaffold Casters

STANDARD & LIGHT SERIES

203-SK Standard Series:

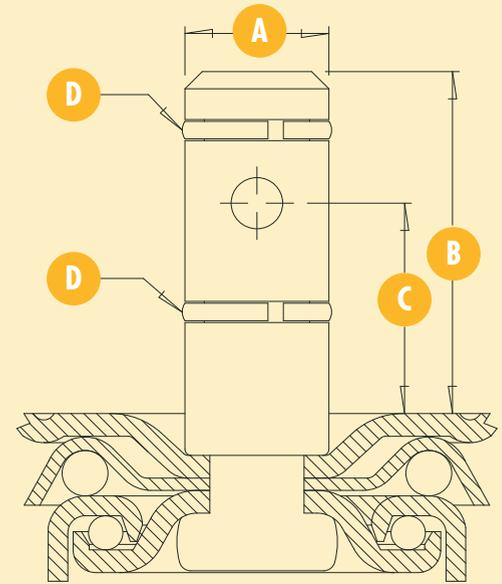
The latest technology that Payson has to offer in smooth, double-breaking action. The upper spring steel clip locks the serrated bottom cup while the lower spring steel engages the wheel.

193-SB Standard Series:

Embossed and hardened brake shoe engages notched plate and wheel surface simultaneously.

053-SK Light Series:

Truly economical, but strong. This janitorial scaffolding caster series has been designed for those light duty applications in which both strength and economy are important considerations. Both ball bearing raceways are heat-treated for long service. Press the handle "Down" and both the swivel and wheel are securely locked. Lift "Up" and you're ready to roll freely. Nut and bolt axles render the wheel replaceable. Zinc plated.



203-SK STEMS AVAILABLE

Stem #	A: Diameter	B: Length	C: Pin Hole	D: Rings
A	1 $\frac{3}{8}$	4	$\frac{1}{16}$ up to 2 $\frac{1}{16}$	-
C	1 $\frac{7}{16}$	4	$\frac{1}{16}$ up to 2 $\frac{1}{16}$	-
E	1 $\frac{1}{2}$	4	$\frac{1}{16}$ up to 2 $\frac{1}{4}$	-
F-I	1 $\frac{1}{4}$	4	$\frac{1}{16}$ up to 2 $\frac{1}{16}$	-
G	1	4	$\frac{7}{16}$ up to 2 $\frac{3}{8}$	-
H	1 $\frac{7}{16}$ 1 $\frac{1}{4}$	4	-	2
J	1 $\frac{3}{8}$	4	$\frac{7}{16}$ up to 3	-
K	1 $\frac{3}{8}$	4	$\frac{7}{16}$ up to 2	-
L	1 $\frac{7}{16}$	4	$\frac{7}{16}$ up to 2 $\frac{1}{4}$	-

053-SK STEMS AVAILABLE

Stem #	A: Diameter	B: Length	C: Pin Hole	D: Rings
A	1	4	-	1
B	.845	2 $\frac{1}{2}$	-	1
C	.875	2 $\frac{1}{2}$	-	1
D	1.047	2 $\frac{3}{4}$	-	1
E	1 $\frac{1}{4}$	2 $\frac{7}{16}$	$\frac{7}{16}$ up to 1	-

WARNING DO NOT RIDE ROLLING TOWERS!

Check that caster is securely locked before climbing scaffolding.
Do not attempt to use if caster is faulty or has not been maintained.

203-SK SCAFFOLD SERIES, SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	STEM DIMENSIONS*	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Oilite, Delrin Bearings	Roller Bearings				Standard Size inches	Top Plate
5	2	Payflex	325	203-50X-SK		9 $\frac{1}{2}$	4 $\frac{5}{16}$	6 $\frac{1}{2}$	The A Stem, 1 $\frac{3}{8}$ x 4 with $\frac{1}{16}$ pin hole, 2 $\frac{1}{16}$ on center up from base.	See Stem Table above. Consult Factory for additional sizes.
		Bronco	375	203-5UV-SK						
		Mirakush	500	203-5DK-SK						
		Payvulc	375	203-5UP-SK						
6	2	Payflex	400	203-60X-SK		10 $\frac{1}{2}$	4 $\frac{7}{8}$	7 $\frac{1}{2}$		
		Bronco	410	203-6UV-SK						
		Mirakush	550	203-6DK-SK						
		Payvulc	410	203-6UP-SK						
8	2	Bronco	500	203-8UV-SK		12	6 $\frac{3}{16}$	9 $\frac{1}{2}$		
		Mirakush	7000	203-8DK-SK						
		Payvulc	500	203-8UP-SK						

*When ordering, be sure to specify Suffix Stem Letter, as per Stem Table above, i.e., Model 203-8UK-SK-A (Standard Stem) or Model 203-8UV-SK-C, which is described in detail in the above Stem Table. If no particular Stem is specified, the Standard Stem will automatically be furnished.

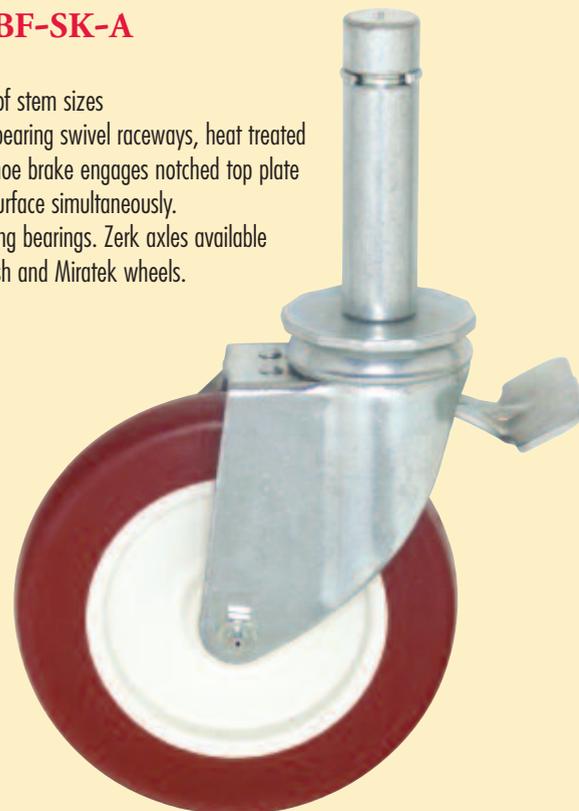


203-8UV-SK-A

- Standard Series
- Smooth, double breaking action
- Upper spring clip locks serrated bottom cup while lower spring steel engages wheel.

053-5BF-SK-A

- Light Series
- Your choice of stem sizes
- Double ball bearing swivel raceways, heat treated
- Embossed shoe brake engages notched top plate and wheel surface simultaneously.
- Self lubricating bearings. Zerk axles available with Mirakush and Miratek wheels.



193-8UP-SB-A

- Standard Series
- Embossed & hardened brake shoe
- Shoe engages notched plate and wheel simultaneously.

193-SB SCAFFOLD SERIES, SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	STEM DIMENSIONS*	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Oilite, Delrin Bearings	Roller Bearings				"A" Standard Stem Only	
8	2	Payvulc	500		193-8UP-SB-A	12	6 ³ / ₁₆	9 ¹ / ₂		

*When ordering, be sure to specify Suffix Stem Letter, as per Stem Table on left, i.e., Model 203-8UK-SK-A (Standard Stem) or Model 203-8UV-SK-C, which is described in detail in the Stem Table. If no particular Stem is specified, the Standard Stem will automatically be furnished.

053-SK LIGHT DUTY SCAFFOLD SERIES, SWIVEL

WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Overall inches	STEM DIMENSIONS*	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Oilite Bearings	Ball Bearings				Standard Size inches	Top Plate
5	1 ¹ / ₄	Payflex	190	053-50X-SK		6	4 ⁵ / ₁₆	6 ¹ / ₁₆	The A Stem, 1 x 4 with friction ring.	See Stem Table above. Consult Factory for additional sizes.
	1 ¹ / ₈	Mirakush	200	053-5BR-SK						
		Miratek	240	053-5BF-SK						
6	1 ³ / ₈	Payflex	240	053-60X-SK		6 ¹ / ₂	4 ¹³ / ₁₆	7 ¹ / ₁₆		
	1 ¹ / ₈	Mirakush	275	053-6BR-SK						
		Miratek	300	053-6BF-SK						

*When ordering, be sure to specify Suffix Stem Letter, as per Stem Table on left, i.e., Model 053-50X-SK-A (Standard Stem) or Model 053-6BR-SK-B, which is described in detail in the Stem Table. If no particular Stem is specified, the Standard Stem will automatically be furnished.

Scaffold Casters

HEAVY DUTY SERIES

Up to 12" wheels, including Full Pneumatic! The "403-SB" has been engineered for heavy duty towers. Alemite fittings for swivel and wheel. Hardened swivel raceways. The formed and hardened brake shoe locks both the swivel and the wheel at the same time. Various stem sizes available. See table below.

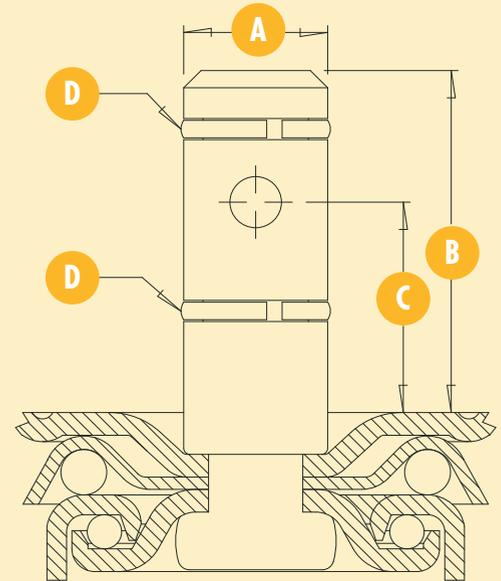
WARNING DO NOT RIDE ROLLING TOWERS!

Check that caster is securely locked before climbing scaffolding.

Do not attempt to use if caster is faulty or has not been maintained.

403-10UV-SB-A

- 10" swivel
- Bronco rubber on aluminum center
- Anti-friction roller bearing



403-SB STEMS AVAILABLE

Stem #	A: Diameter	B: Length	C: Pin Hole	D: Rings
A	1 $\frac{3}{8}$	4	$\frac{1}{16}$ up to 2 $\frac{1}{16}$	-
C	1 $\frac{7}{16}$	4	$\frac{1}{16}$ up to 2 $\frac{1}{16}$	-
E	1 $\frac{3}{8}$	4	$\frac{1}{16}$ up to 2 $\frac{1}{4}$	-
F	1 $\frac{1}{4}$	4	$\frac{7}{16}$ up to 2 $\frac{5}{8}$	-
G	1	4	$\frac{7}{16}$ up to 2 $\frac{5}{8}$	-
H	1 $\frac{7}{16}$	4	-	2
I	1 $\frac{1}{4}$	4	$\frac{7}{16}$ up to 2 $\frac{1}{2}$	-
J	1 $\frac{3}{8}$	4	$\frac{7}{16}$ up to 3	-
K	1 $\frac{3}{8}$	4	$\frac{7}{16}$ up to 2	-
L	1 $\frac{7}{16}$	4	$\frac{7}{16}$ up to 2 $\frac{1}{4}$	-

403-SB SCAFFOLD SERIES, HEAVY DUTY

WHEEL SPECIFICATIONS				CATALOG NUMBER	Approx. Weight lbs	Swivel Radius inches	Height Less Stem inches	STEM DIMENSIONS*	
Diameter inches	Width inches	Type	Cap Each lbs	Roller Bearings				Standard in	Variations Available in
8	3	Bronco	840	403-8UV-SB	17 $\frac{1}{2}$	6 $\frac{1}{2}$	10 $\frac{1}{4}$	See Stem Table Above. The A Stem is Standard, 1 $\frac{3}{8}$ x 4, with $\frac{1}{16}$ hole 2 $\frac{1}{16}$ up O.C.	See Stem Table Above.
		Mirakush	1000	403-8UK-SB					
		Miratek	1280	403-8UT-SB					
		Full Pneumatic	300**	403-8UW-SB					
10	3	Bronco	1000	403-10UV-SB	20	7 $\frac{7}{8}$	12 $\frac{1}{4}$		
		Mirakush	1280	403-10UK-SB					
		Miratek	1500	403-10UT-SB					
	3 $\frac{1}{2}$	Full Pneumatic	550**	403-10UW-SB					
12	3	Bronco	1140	403-12UV-SB	24	8 $\frac{7}{8}$	14 $\frac{1}{2}$		
		Mirakush	1360	403-12UK-SB					
		Miratek	1600	403-12UT-SB					
	4	Full Pneumatic	700**	403-12UW-SB					

*When ordering, be sure to specify Suffix Stem Letter, as per Stem Table above, i.e., Model 403-12UW-SB-A. If no particular Stem is specified, the Standard Stem will automatically be furnished.

**When inflated to 50 lbs. and operated under 5 m.p.h.

Scaffold Casters

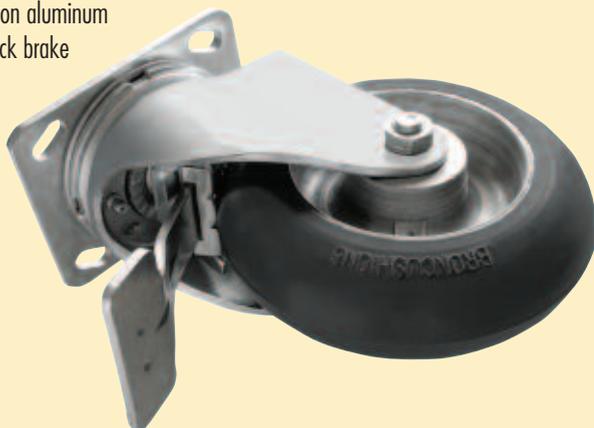
MEDIUM & HEAVY PLATE BRAKE

Using the same principle as the "SB" Series, the embossed shoe brake engages the notched top swivel raceway and the wheel simultaneously. Both swivel raceways are hardened for longer wear. Grease fittings are standard with every model, in the wheel as well as the swivel. Electroplated finish. Nut and bolt axles. With the "200-SK" Series, additional top plate sizes are available.

WARNING DO NOT RIDE ROLLING TOWERS!
 Check that caster is securely locked before climbing scaffolding.
 Do not attempt to use if caster is faulty or has not been maintained.

200-6UN-SK-B

- 6" rubber on aluminum
- SK total lock brake



400-12UL-PB

- 12" polyurethane on aluminum
- PB brake locks swivel and wheel
- Anti-friction roller bearing



200-SKB & 400-PB PLATE BRAKE SERIES, SWIVEL										
WHEEL SPECIFICATIONS				CATALOG NUMBER	Approx. Weight lbs	Swivel Radius inches	Height Overall inches	TOP PLATE		
Diameter inches	Width inches	Type	Cap Each lbs	Roller Bearings				Width x Length inches	Bolt Hole Spacing inches	Size of Bolt Holes inches
5	2	Bronco	350	200-5UV-SK-B	9	4 ⁵ / ₁₆	6 ¹ / ₂	5 X 5 ¹ / ₂	4 ¹ / ₈ x 4 ¹ / ₂	3 ³ / ₈
		Mirakush	450	200-5UK-SK-B						
6	2	Bronco	410	200-6UV-SK-B	10	5	7 ¹ / ₂			
		Mirakush	540	200-6UK-SK-B						
8	2	Bronco	500	200-8UV-SK-B	12	6 ³ / ₁₆	9 ¹ / ₂			
		Mirakush	700	200-8UK-SK-B						
10	3	Mirakush	1480	400-10UK-PB	20	7 ⁷ / ₈	12 ¹ / ₂			
		Miratek	2000	400-10UT-PB						
	3 ¹ / ₂	Full Pneumatic	515*	400-10UW-PB						
12	3	Mirakush	1700	400-12UK-PB	24	8 ⁷ / ₈	14 ³ / ₄	4 ³ / ₄ x 6 ⁵ / ₈	2 ⁷ / ₁₆ x 4 ¹ / ₁₆ slotted to 3 ³ / ₈ x 5 ¹ / ₄	3 ³ / ₄
		Miratek	2100	400-12UT-PB						
	4	Full Pneumatic	700*	400-12UW-PB						

*When inflated to 50 lbs. and operated under 5 m.p.h.

Theater Casters Super Swivels

LOW PROFILE CASTERS FOR STAGE AND SCENERY MOVING

Easy swiveling, non-marking caster. Perfect for positioning heavy loads in tight spaces.



240-3DR-DW-C

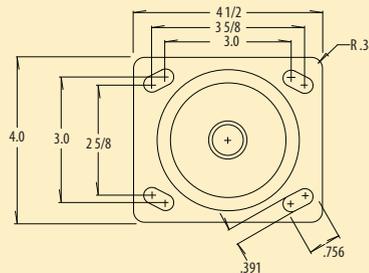


840-3UM-C

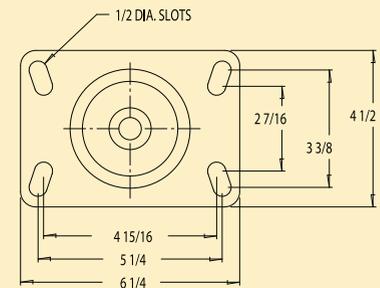
• Shown with optional black powder coating

THEATER SWIVEL CASTERS							
WHEEL SPECIFICATIONS			Cap Each lbs	Catalog Number	Height Overall inches	Approx Weight lbs	Top Plate A or C
Diameter inches	Type	Number wheels					
2	Payflex	6	540	240-20X-DW	4 1/4	11	
	Payrock		750	240-20H-DW			
3	Payflex	6	600	240-30X-DW	5 3/8	12	
	Payrock		750	240-30H-DW			
	Mirakush		870	240-3DR-DW			
3	Payflex	3	450	540-30X	5 3/8	14	
	Payrock		810	540-30H			
	Mirakush		450	540-3BE			
	Miratek		630	540-3BF			
3	Payflex	6	900	540-30X-DW	5 1/2	16	
	Payrock		1000	540-30H-DW			
	Durakush		900	540-3BE-DW			
	Miratek		1000	540-3BF-DW			
3	Peejay	3	1800	840-3PJ-C	5 5/8	19	Top Plate C only
	Plexite		1800	840-3UM-C			
	Paythane		1800	840-3UL-C			

Diagrams for Super Swivels and Quad Casters



A Top Plate
Suffix -A as 290-20X-DW-4A



C Top Plate
Suffix -C as 290-20X-DW-C

Quad Casters

Five swivelling points allow for the ultimate easy turning with a short overall height of 4 5/8". Optional black powder coating available.

QUADRUPLE SWIVEL CASTERS							
WHEEL SPECIFICATIONS			Cap Each lbs	Catalog Number	Height Overall inches	Approx Weight lbs	Top Plate C only
Diameter inches	Type	Number wheels					
2	Payflex	8	720	290-20X-DW-4	4 5/8	10	
	Payrock		1000	290-20H-DW-4			



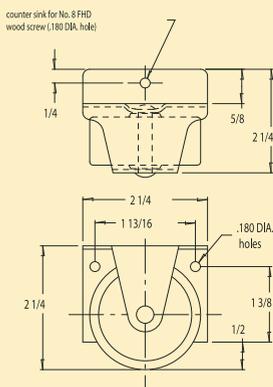
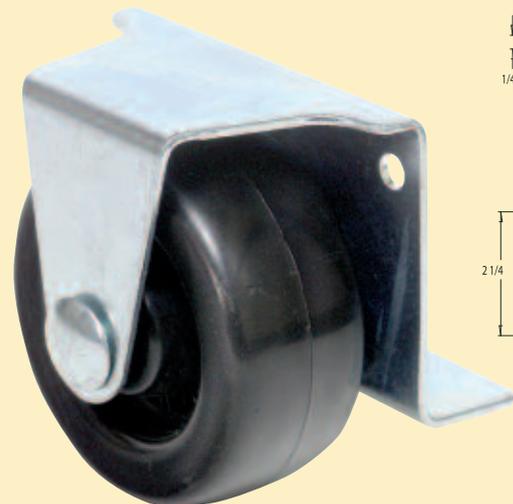
290-20X-DW-4

All Purpose Dolly

This All-Purpose Dolly is a standard for the Post Office. The heavy duty cast iron frame has a 1" deep triangular pocket.

ALL PURPOSE DOLLY					
WHEEL SPECIFICATIONS			Catalog Number	Approx Weight lbs	Casting Dimensions 9 1/2 x 9 1/2 x 9 1/2 with 3 1/2 O.D. recessed triangular center
Diameter inches	Type	Cap Each lbs			
2	Payflex	300	640-20X	10	
	Payrock	450	640-20H		
2 1/2	Payflex	420	640-2 1/2 OX	10 1/4	
	Payrock	600	640-2 1/2 OH		
3	Payflex	450	640-30X	10 1/2	
	Payrock	840	640-30H		

640-30H



“CC” SERIES

Concealed Casters

Do you desire to conceal or hide casters on your furniture, cabinets, or appliances? This 2" rigid model standard with a plastic Peejay wheel or a soft Payflex rubber is the answer. The lower lip is easily positioned to your equipment. Zinc plate standard, but other finishes, such as black oxide, are available.

“CC” SERIES				
WHEEL SPECIFICATIONS				Catalog Number Plain Bearing
Diameter inches	Diameter inches	Type	Cap Each lbs	
2	7/8	Peejay	100	CC-141-2PJ
2	7/8	Payflex	75	CC-141-20X

Easy Mount Rigid

Used on ladders, frames, skids, etc. Mount two at the end and create a hand truck.

EASY MOUNT RIGIDS					
WHEEL SPECIFICATIONS			Catalog Number	Height Overall inches	Bolt Hole Spacing
Diameter inches	Type	Cap Each lbs			
2	Payflex	80	EM1-20X	2 5/16	3/16" Holes 5/8" Apart
	Payrock	100	EM1-20H		
	Peejay	100	EM1-2PJ		
2	Payflex	80	EM2-20X	2 3/16	3/16" Holes 2 1/2" Apart
	Payrock	100	EM2-20H		
	Peejay	100	EM2-2PJ		

EM2-20H

- Shown with standard zinc plating



EM1-20X

- Shown with English bronze finish

Special Casters

FOR CUSTOM APPLICATIONS

If you don't see what you need in our catalog, consult the factory for the design and engineering of the specific model that will get the job done for you. Featured below are a few examples of specialty items we have built to suit various custom fit jobs.

TRI-WHEEL FUSELAGE DOLLY

Used in the aircraft industry



SOLID POLYURETHANE WHEEL

Used for high capacity with
floor protection



INVERTED CASTER TABLE

Used for shipping lines and aircraft cargo; Made with caster 024-20H-DW or 024-2PS-DW. See page 52.



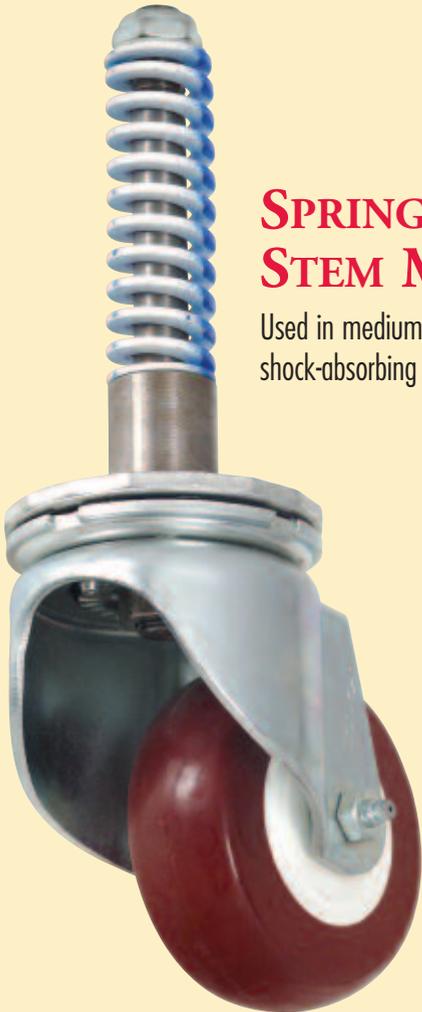
KINGPINLESS SPRING LOADED

Used in heavy-duty shock-absorbing applications



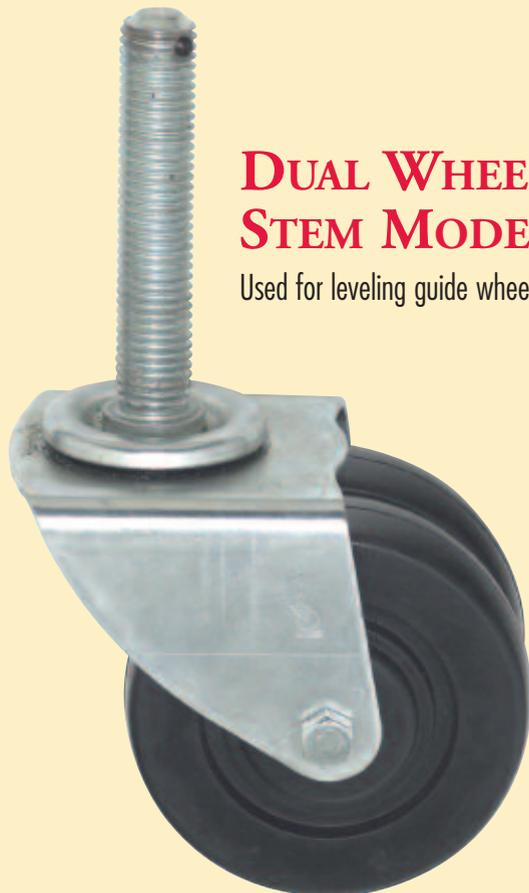
LEVELING CASTER

Used in laboratory equipment and computer environments



SPRING LOADED STEM MODEL

Used in medium-duty shock-absorbing applications



DUAL WHEEL STEM MODEL

Used for leveling guide wheel

Tri-Wheel Track Casters

SWIVEL / RIGID

The Tri-Wheel Caster and Track comes in various sizes to meet your requirements. Center wheel ranges from 4 to 10 inches.

We start with a 4" Tri-Wheel for capacities up to 700 lbs. per caster. Our most popular is shown here: 2,000 lbs. capacity per caster, with a 6" V-Groove and 8" poly wheels on the ends.

TRI300-6USG-8UL

- 6" V-Groove Wheel in Center
- Two 8" Wheels on the Outside
- 2,000 lbs. Capacity

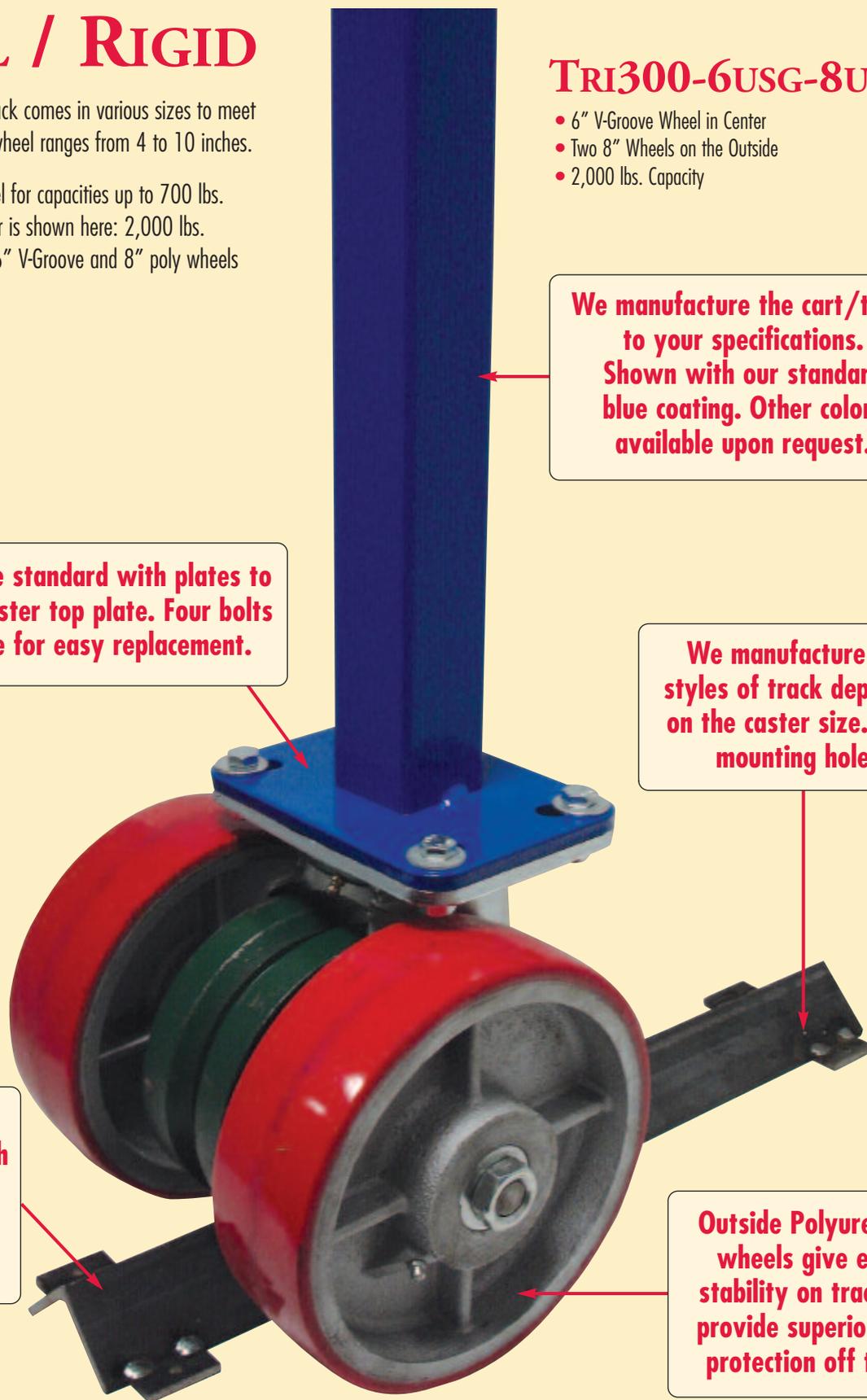
We manufacture the cart/truck to your specifications. Shown with our standard blue coating. Other colors available upon request.

Carts are standard with plates to match caster top plate. Four bolts provide for easy replacement.

We manufacture two styles of track depending on the caster size. 1/4" mounting holes.

System design allows for smooth entry onto track with V-Grooved wheels.

Outside Polyurethane wheels give extra stability on track and provide superior floor protection off track.



Any Caster You Can Imagine... We Can Manufacture It For You!



**OCTAGON WASHER
FOR TURNING STEM**



**CIRCULAR TOP
PLATE CASTER**



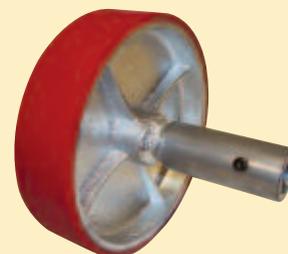
**16" DUAL WHEEL
PNEUMATIC CASTERS**



**SQUARE TUBING
MOUNTING CASTER**



CASTER PAD



**DRIVE WHEEL WITH
KEYWAY & SET SCREW**



**RUBBER
PAD GLIDE**



**ADJUSTABLE
CASTER**



**SWIVEL METAL
PAD GLIDE**

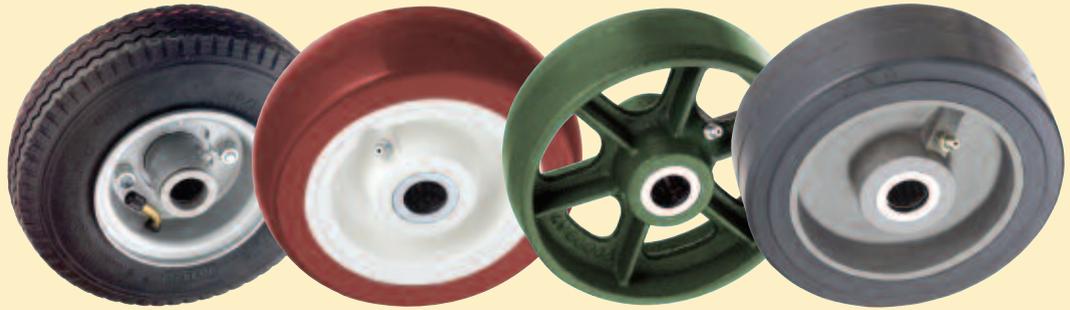


KP500-6x4TL

Wheel Selection

A wide range of Payson wheel types and sizes is available to suit every conceivable application and floor condition.

When selecting a caster, always consider the wheel diameter for load weight, floor conditions, floor protection and whether quiet operation is desired.



WHEEL SELECTION — FLOOR CONDITIONS AND SURFACES

	METAL WHEELS	HARD WHEELS			RESILIENT WHEELS	
	Payductile Ductile Payron Semi-Steel V-Grooved	Plexite Phenolic Peejay Polyolefin	Payrock Hard Rubber	Durakush Thermo Plastic Rubber	Polyurethane: Paythane Miratek Mirakush	Rubber: Payflex Cushion Bronco Mold-On Broncushion Cushion	Full Pneumatic Air Tire Payvulc Mold-On
Conditions						
Floor Protection	Low	Medium	High	High	Medium	High
Quiet Operation	No	No	Yes	Yes	No	Yes
Rolling Ease	High	High	Medium	Medium	High	Low
Harsh Chemicals	Yes	Yes	No	No	Yes	No
Mild Chemicals (wet)	Yes	Yes	Yes	Yes	Yes	No
Cold Below -20°F	Yes	Yes	Yes	Yes	Yes	No
Heat Above +160°F	Yes	Yes	No	No	No	No
Metal Chips, Large	No	No	Yes	Yes	No	OK
Metal Chips, Small	Yes	OK	Yes	Yes	OK	OK
Surfaces						
Asphalt	No	OK	OK	OK	OK	Good
Brick, Ceramic Tile	No	OK	OK	Good	OK	Good
Concrete	No	Good	Good	Good	Good	Good
Terrazzo	No	No	No	Good	No	Good
Hardwood	No	Good	Good	Good	Good	Good
Steel-Ribbed	No	No	No	No	No	OK
Steel-Smooth	OK	OK	OK	Good	OK	Good
Carpets	No	Good	Good	Good	Good	No
Linoleum, Soft Tiles	No	No	No	Good	No	Good
Wood, Block and Planks	OK	Good	Good	Good	OK	Good

Metal Wheels may harm Concrete Floors. Recommended for High Capacity Usage and/or Extreme Temperature conditions.

BEARING SELECTION

OILITE	ROLLER	BALL FLANGE	DELTRIN	TIMKEN	BUTT BALL
					
Oil impregnated. Requires no lubrication or maintenance. Wears indefinitely. Impervious to heat or cold.	Anti-Friction. Hardened and polished steel rollers carry the load over a large surface. For heavy duty applications.	Anti-Friction. At each end of hub, balls run on hardened surfaces. Quiet, smooth. Free-running.	Ideal for wet conditions. Will not rust. No maintenance required. Wears indefinitely. Unaffected by cold.	Tapered Roller bearings. Ideally suited for heavy loads, high speed application, and long service life.	Anti-Friction. These ball bearings act as one integral unit. Quiet, smooth running for institutional applications.

Paythane

POLYURETHANE MOLD-ON WHEELS

Paythane Wheels have Polyurethane tread bonded to cast iron centers. 12 x 3" wheels have aluminum centers.

Engineering Data:

- High capacities of steel with non-marking qualities of rubber wheels.
- Complete floor protection.
- Outwears rubber five-to-one.
- No compression set.
- Resistant to most oils and chemicals.
- 95 Durometer, Shore A

Applications:

Virtually all floor surfaces. Exception: Around animal fats and blood, as chemical reaction could cause bond separation.



06200-UL

PAYTHANE POLYURETHANE MOLD-ON WHEELS														
WHEEL		CATALOG NUMBER						HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Roller Bearings	Timken Bearings*	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations with Bearing inches	Used in Caster Series	
4	2	04200-UL		04200-XL	800	4½	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, ⁷ / ₈ , ⁵ / ₈	190, 200, 290	
5	2	05200-UL		05200-XL	1000	5	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, ⁷ / ₈ , ⁵ / ₈	190, 200, 290	
6	2	06200-UL		06200-XL	1100	6	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, ⁷ / ₈ , ⁵ / ₈	190, 200, 290	
	2½	06250-UL	06250-TL	06250-XL	1400	8	2¾	2 ¹³ / ₁₆	1 ⁹ / ₁₆	1	¾	⁷ / ₈	300	
	4	06400-UL	06400-TL	06400-XL	5750	18	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900	
8	2	08200-UL		08200-XL	1200	7½	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, ⁷ / ₈ , ⁵ / ₈	190, 200, 290	
	2½	08250-UL	08250-TL	08250-XL	1600	11	2¾	2 ¹³ / ₁₆	1 ⁹ / ₁₆	1	¾	1¼, ⁷ / ₈	300	
	3	08300-UL	08300-TL	08300-XL	2800	14	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1	¾	—	400	
		08301-UL	08301-TL	08301-XL	2800	14	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1¼	1	—	500, 600	
4	08400-UL	08400-TL	08400-XL	5750	22	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900		
10	2½	10250-UL	10250-TL	10250-XL	1800	8	2¾	2 ¹³ / ₁₆	1 ⁹ / ₁₆	1	¾	1¼, ⁷ / ₈	300	
	3	10300-UL	10300-TL	10300-XL	3000	10	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1	¾	—	400	
		10301-UL	10301-TL	10301-XL	3000	10	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1¼	1	—	500, 600	
	4	10400-UL	10400-TL	10400-XL	5750	30	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900	
12	3	12300-UL	12300-TL	12300-XL	3000	12	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1	¾	—	400	
		12301-UL	12301-TL	12301-XL	3000	12	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1¼	1	—	500, 600	
	4	12400-UL	12400-TL	12400-XL	5750	36	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900	

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. For example, the 12301-TL has a 1" I.D. Timken Bearing riding directly on a 1" axle. Bore variations, with Roller Bearings only, must be specified. Spanner bushings must be ordered separately. See parts list page 94.

Plexite

MACERATED

CANVAS WHEELS

Plexite Wheels are molded of a phenolic resin compound backed with macerated or chopped canvas.

Engineering Data:

- Resists shock without chipping.
- Non-marking, non-sparking.
- Can be operated continuously -50° to 260°, intermittently to 300°F.
- Unaffected by grease, oil or most other chemicals.
- Excellent floor protection.

Applications: Concrete, ceramic tile. Not recommended for softer tile.
See Wheel Selection Chart.

High Temperature Plexite Available:

Will perform continuously at 475°F, intermittently to 525°F.



06200-UM

PLEXITE PHENOLIC RESIN WHEELS

WHEEL		CATALOG NUMBER			Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Bore Variations with Bearing inches	Used in Caster Series
Diameter inches	Tread Width inches	Delrin and Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings			Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		
3	1¼		03125-UM	03125-XM	300	½	1⅙	1⅝	1⅙	½	⅜	—	760, 050, 060
	1⅓⅙		03182-UM		700	¾	1⅓⅙	2	1⅙	⅝	½	—	080
4	1⅜		04138-UM	04138-XM	375	¾	1⅙	1⅝	1⅙	½	⅜	—	050, 060
	1½	04150-DM	04150-UM	04150-XM	600	¾	1¾	1⅓⅙	1⅙	½	⅜	—	760, 070
	2	04200-DM	04200-UM	04200-XM	900	1	2¼	2⅓⅙	1⅓⅙	¾	½	1, ⅞, ⅝	200, 290
5	1⅝		05138-UM	05138-XM	440	1	1⅙	1⅝	1⅙	½	⅜	—	050, 060
	1½	05150-DM	05150-UM	05150-XM	600	1	1⅓⅙	2	1⅙	⅝	½	¾	760, 070
	2	05200-DM	05200-UM	05200-XM	1000	1½	2¼	2⅓⅙	1⅓⅙	¾	½	1, ⅞, ⅝	200, 290
6	1½	06150-DM	06150-UM	06150-XM	800	1¼	1⅓⅙	2	1⅙	⅝	½	¾	070
	2	06200-DM	06200-UM	06200-XM	1200	2	2¼	2⅓⅙	1⅓⅙	¾	½	1, ⅞, ⅝	200, 290
	2½	06250-TM	06250-UM	06250-XM	1500	3	2¾	2⅓⅙	1⅙	1	¾	1¼, ⅞	300
	3	06301-TM	06301-UM	06301-XM	2400	4	3¼	3⅝	1⅓⅙	1¼	1	1	500, 600, 700
8	2	08200-DM	08200-UM	08200-XM	1200	3¾	2¼	2⅓⅙	1⅓⅙	¾	½	1, ⅞, ⅝	200, 290
	2½	08250-TM	08250-UM	08250-XM	1600	4¼	2¾	2⅓⅙	1⅙	1	¾	1¼, ⅞	300
	3	08300-TM	08300-UM	08300-XM	2500	5	3¼	3⅝	1⅓⅙	1	¾	—	400
		08301-TM	08301-UM	08301-XM		5	3¼	3⅝	1⅓⅙	1¼	1	—	500, 600, 700
10	2½	10250-TM	10250-UM	10250-XM	1800	7	2¾	2⅓⅙	1⅙	1	¾	1¼, ⅞	300
	3	10300-TM	10300-UM	10300-XM	3000	8	3¼	3⅝	1⅓⅙	1	¾	—	400
		10301-TM	10301-UM	10301-XM		8	3¼	3⅝	1⅓⅙	1¼	1	—	500, 600, 700
12	3	12300-TM	12300-UM	12300-XM	3200	12	3¼	3⅝	1⅓⅙	1	¾	—	400
		12301-TM	12301-UM	12301-XM		12	3¼	3⅝	1⅓⅙	1¼	1	—	500, 600
	3½	12350-TM	12350-UM	12350-XM	4000	12	4¼	4⅝	2⅓⅙	1½	1¼	—	800, 900
16	3	16300-TM	16300-UM	16300-XM	4000	25	4¼	4⅝	2⅓⅙	1½	1¼	—	—

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. For example, the 12301-TM has a 1" I.D. Timken Bearing riding directly on a 1" axle. Bore variations available with Roller Bearings only, which must be specified, or standard Roller Bearing bore shall be furnished. Spanner bushings must be ordered separately. See parts list page 94.

Durakush

THERMOPLASTIC ELASTOMER WHEELS

Durakush Gray:

Gray 65 Shore A thermoplastic elastomer has a reactionary bond to a tough polyolefin core. The Durakush provides a cushioned ride with easy rollability and is very durable. Resistant to impact, shock, chemicals and water.

Applications:

Wash-down, food service, hospitals, shock absorption, floor protection.



06200-UE

DURAKUSH THERMOPLASTIC ELASTOMER WHEELS

WHEEL		CATALOG NUMBER				Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Bore Variations with Bearing inches	Used in Caster Series
Diameter inches	Tread Width inches	Delrin Bearings	Ball Bearings *	Roller Bearings	Bored for, but less Roller Bearings			Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		
3	1¼	03125-DE	03125-BE	03125-UE	03125-XE	160		1½	1½	-	⅜	⅜	-	040,050
3½	1¼	35125-DE	35125-BE	35125-UE	35125-XE	200		1½	1½	-	⅜	⅜	-	040,050
4	1¼	04125-DE	04125-BE	04125-UE	04125-XE	250		1½	1½	-	⅜	⅜	-	040,050
4	2	04200-DE	04200-BE	04200-UE	04200-XE	350	1	2⅜	2⅝	1⅜	¾	½	⅝	190, 200, 290
5	1¼	05125-DE	05125-BE	05125-UE	05125-XE	250		1½	1½	-	⅜	⅜	-	040,050
5	2	05200-DE	05200-BE	05200-UE	05200-XE	375	1¼	2⅜	2⅝	1⅜	¾	½	⅝	190, 200, 290
6	2	06200-DE	06200-BE	06200-UE	06200-XE	450	1¾	2¼	2⅝	1⅜	¾	½	⅝	190, 200, 290
8	2	08200-DE	08200-BE	08200-UE	08200-XE	450	2½	2⅜	2⅝	1⅜	¾	½	⅝	190, 200, 290

*Ball Bearings wheels have ½" bore and are available with ⅝" bore variation.

Peejay

POLYOLEFIN

PLASTIC WHEELS

Peejay Wheels are made with an injection molded polyolefin material. The models with plain bores ride directly on the axle.

Engineering Data:

- Ideal for wet conditions—will not absorb water, soaps, most acids and chemicals.
- For temperatures -20° to 230°F
- Wears like metals, non-marking floor protective, self lubrication.

Applications:

Ideal for food processing, meat packing, bakeries, dairies, fishing industry, carpeted floors.



06200-PJ

PEEJAY POLYOLEFIN PLASTIC WHEELS

WHEEL		CATALOG NUMBER			Cap Each lbs	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Bore Variations inches	Used in Caster Series
Diameter inches	Tread Width inches	Plain Bearings	Roller Bearings	Bored for, but less Roller Bearings			Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		
2	7/8	02087-PJ			100	1/8	1	1 1/2	5/16	5/16	1/4	—	760, 070, 020
2 1/2	7/8	25087-PJ			110	1/5	1	—	5/16	5/16	5/16	—	010, 020
3	7/8	03087-PJ			125	1/4	1	—	5/16	5/16	5/16	—	010, 020
	1 1/8	03112-PJ			150	1/4	1 1/4	—	5/16	5/16	5/16	—	360
	1 1/4	03125-PJ			225	1/2	1 1/16	—	3/8	3/8	3/8	—	750, 050, 060
	1 13/16	03182-PJ			500	1	1 15/16	—	1/2	1/2	1/2	—	080
4	1 1/8	04112-PJ			175	1/4	1 1/4	—	5/16	5/16	5/16	—	360
	1 1/4	04125-PJ			275	3/4	1 1/16	—	3/8	3/8	3/8	—	050, 060
	1 1/2	04150-PJ			400	3/4	1 3/4	—	3/8	3/8	3/8	—	760, 070
	2	04200-PJ			550	1	2 1/4	—	1/2	1/2	1/2	—	190, 200, 290
			04200-UJ	04200-XJ				2 5/16	1 3/16	3/4	1/2	5/8	
5	1 1/4	05125-PJ			280	3/4	1 1/16	—	3/8	3/8	3/8	—	050, 060
	1 1/2	05150-PJ			450	1	1 15/16	—	5/8	5/8	1/2	—	070
	2	05200-PJ			650	1 1/4	2 1/4	—	1/2	1/2	1/2	—	190, 200, 290
			05200-UJ	05200-XJ				2 5/16	1 3/16	3/4	1/2	5/8	
6	2	06200-PJ			850	1 1/2	2 1/4	—	1/2	1/2	1/2	—	190, 200, 290
		06200-UJ	06200-XJ	2 5/16					1 3/16	3/4	1/2	5/8	
8	2	08200-PJ			1000	1 3/4	2 1/4	—	1/2	1/2	1/2	—	190, 200, 290
		08200-UJ	08200-XJ	2 5/16					1 3/16	3/4	1/2	5/8	

Payron

SEMI-STEEL WHEELS

Payron Wheels are constructed of top grade cast iron, with steel added for extra strength. Sintered iron wheels may be available.

Engineering Data:

- Tensile strength of 30,000 - 38,000 per sq. inch.
- Fully machined.
- High capacities.

Applications:

Recommended for extreme heat and cold, around chemicals, wood blocks and steel floors. Not suggested for concrete, as floor protection is minimal.



06200-US

03125-PS

PAYRON SEMI-STEEL WHEELS

WHEEL		CATALOG NUMBER			Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Used in Caster Series	
Diameter inches	Tread Width inches	Plain, Oilite, Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings			Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		Bore Variations inches
2	7/8	02087-PS			150	1/3	1	—	5/16	5/16	—	—	760, 020
2½	1	25100-PS			300	3/4	1 3/8	—	5/16	5/16	—	—	760, 050
3	1¼	03125-PS			300	1¼	1 1/16	—	3/8	3/8	—	—	760, 050, 060
			03125-US	03125-XS			1 3/8	1 5/16	1/2	3/8	—	760, 050, 060	
4	1 3/8	04138-PS			600	2¼	1 3/4	1 13/16	1/2	—	3/8	—	760, 060, 070
	1 3/8		04138-US	04138-XS			1 5/16	1 1/2	3/8	—	760, 060, 070		
	2	04200-OS	04200-US	04200-XS			850	3½	2¼	2 5/16	1 3/16	3/4	1/2	5/8	190, 200, 290
5	1½	05150-OS	05150-US	05150-XS	600	4	1 15/16	2	1 1/16	5/8	1/2	5/16	070
	2	05200-OS	05200-US	05200-XS	1050	4½	2¼	2 5/16	1 3/16	3/4	1/2	5/8	190, 200, 290
6	2	06200-OS	06200-US	06200-XS	1100	5¾	2¼	2 5/16	1 3/16	3/4	1/2	5/8	190, 200, 290
	2½		06250-US	06250-XS	1400	9	2¾	2 13/16	1 1/16	1	3/4	7/8	300
	3	06301-TS	06301-US	06301-XS	2500	12	3¼	3 3/8	1 15/16	1¼	1	1	500, 600
8	2	08200-OS	08200-US	08200-XS	1200	9	2¼	2 5/16	1 3/16	3/4	1/2	5/8	190, 200, 290
	2½		08250-US	08250-XS	1600	13	2¾	2 13/16	1 1/16	1	3/4	7/8	300
	3	08300-TS	08300-US	08300-XS	2500	19	3¼	3 3/8	1 15/16	1	3/4	—	400
		08301-TS	08301-US						1 15/16	1¼	1	—	500, 600
10	2½	10250-TS	10250-US	10250-XS	3000	21	2¾	2 13/16	1 1/16	1	3/4	1¼, 7/8	300
	3	10300-TS	10300-US	10300-XS					1 15/16	1	3/4	—	400
	3	10301-TS	10301-US						1 15/16	1¼	1	—	500, 600
12	3	12300-TS	12300-US	12300-XS	3200	27	3¼	3 3/8	1 15/16	1	3/4	—	400
		12301-TS	12301-US						1 15/16	1¼	1	—	500, 600

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. For example, the 10250-TS has a 3/4" Timken Bearing riding directly on a 3/4" axle. No variations available with Timkens. Spanner bushings should be ordered separately. See parts list page 94.

Bronco

MOLD-ON WHEELS

With the advent of World War II, Bronco began to manufacture Mold-On Wheels for the burgeoning aircraft industry. Since then, the Bronco line has expanded to meet the requirements for virtually all industrial and institutional applications.

Engineering Data:

- The charcoal gray rubber is a unique compound of 75 to 80 Durometer, Shore A.
- Will not mark like black rubber.
- Easier rolling.
- Aluminum is light weight, corrosion resistant, yet is designed to withstand shock loads.
- A patented chemical agent bonds the rubber to the aluminum center.

Applications:

Hand trucks or load wheels. May be used in any application in which floor protection is the prime consideration.

Caution:

Because of the chemical reaction, it is possible that the rubber will separate from the aluminum when used around animal blood and fats. In these cases, the Durakush or the mechanically bonded Mirakush or Miratek Polyurethane Wheels are recommended. Consult factory.



06200-UV



Anti-friction Roller Bearing



Timken Tapered Roller Bearing



Flange Type Ball Bearing

Broncushion

CUSHION TIRE WHEELS

These wheels are super resilient (60-65 Shore A Durometer), designed for quiet and easy rolling. Well suited for hand trucks. Standard is the non-marking charcoal gray rubber. Keyways and special offset may be adapted.

4" and 5" wheels have hard fibrous centers. 6", 8" and 10" wheels have aluminum centers.

Applications:

Floor protection, shock absorption, rolling ease.



06200-UN

BRONCO MOLD-ON RUBBER WHEELS													
WHEEL		CATALOG NUMBER					HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Ball and Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series
4	1½		04150-UV	04150-XV	300	1¼	1¾	1 ¹³ / ₁₆	1 ⁵ / ₁₆	½	¾	5/8	760, 070
	2		04200-UV	04200-XV	350	1½	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	190, 200, 290
		04200-BV						—	1 ³ / ₈			5/8, ½	
5	1½		05150-UV	05150-XV	325	1¾	1 ¹⁵ / ₁₆	2	1 ¹ / ₁₆	½	¾	070	
		05150-BV					1¾	—	1 ³ / ₈		5/8, ½		
	2		05200-UV	05200-XV	400	2	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	190, 200, 290
		05200-BV						—	1 ³ / ₈			5/8, ½	
6	1½		06150-UV	06150-XV	350	2	1 ¹⁵ / ₁₆	2	1 ¹ / ₁₆	½	¾	070	
		06150-BV					1¾	—	1 ³ / ₈		5/8, ½		
	2		06200-UV	06200-XV	450	2½	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	190, 200, 290
		06200-BV						—	1 ³ / ₈			5/8, ½	
2½		06250-TV	06250-UV	06250-XV	540	4	2¾	2 ¹³ / ₁₆	1 ¹ / ₁₆	¾	7/8	300	
8	2		08200-UV	08200-XV	500	4	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	190, 200, 290
		08200-BV						—	1 ³ / ₈			5/8, ½	
	2½		08250-TV	08250-UV	08250-XV	670	3¼	2¾	2 ¹³ / ₁₆	1 ¹ / ₁₆	¾	1¼, 7/8	300
		08250-BV			—				2	1		7/8	
	3		08300-TV	08300-UV	08300-XV	840	4	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	¾	¾	—	400
08301-TV		08301-UV		—	1¼					1			500, 600
2¼		09225-BV			650	5¼	2¾	—	2	1	—	7/8	—
10	2		10200-UV	10200-XV	700	6	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	300-DW
		10200-BV						—	1 ³ / ₈			5/8, ½	
	2½		10250-TV	10250-UV	10250-XV	790	8	2¾	2 ³ / ₁₆	1 ¹ / ₁₆	¾	1¼, 7/8	300
		10250-BV			—				2	1		7/8	
	3		10300-TV	10300-UV	10300-XV	1000	9	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	¾	¾	—	400
10301-TV		10301-UV		—	1¼					1			500, 600
12	3		12300-TV	12300-UV	12300-XV	1140	11	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	¾	—	400
			12301-TV	12301-UV						—		1¼	
14	3	14301-TV	14301-UV	14301-XV	1280	15	3¼	3 ³ / ₈	1 ¹⁵ / ₁₆	1¼	1	1	—
16	3	16300-TV	16300-UV	16300-XV	1420	19	3¼	3 ³ / ₈	2 ⁷ / ₁₆	1¼	1	—	—

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. For example, the 12301-TV has a 1" I.D. Timken Bearing riding directly on a 1" axle. Bore variations available with Roller Bearings only, which must be specified, or standard Roller Bearing bore shall be furnished. Spanner bushings must be ordered separately. See parts list page 94.

BRONCUSHION CUSHION RUBBER WHEELS													
WHEEL		CATALOG NUMBER					HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Ball Bearings	Roller Bearings	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series
4	1¼	04125-BN			150	1	1 ⁵ / ₈	—	—	¾	—	—	050
5	1¼	05125-BN			170	1¼	1 ⁵ / ₈	—	—	¾	—	—	050
6	2		06200-UN	06200-XN	350	3	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	190, 200, 290
		06200-BN						—	1 ³ / ₈			5/8, ½	
8	2		08200-UN	08200-XN	450	4¼	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	190, 200, 290
		08200-BN						—	1 ³ / ₈			5/8, ½	
10	2		10200-UN	10200-XN	550	6	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	1, 7/8, 5/8	190, 200, 290
		10200-BN						—	1 ³ / ₈			5/8, ½	

Spanner bushings, if required, should be ordered by a separate number. See parts list page 94. Special offset Hub lengths are available with some Broncushion Wheels. Consult Factory. Standard Bore with Bearing will be supplied, unless variations are specified.

Payrock

HARD RUBBER WHEELS

Payrock Wheels are molded of a special hard fibrous rubber compound (90 durometer Shore A), which is consistent throughout.

Engineering Data:

- High capacity.
- Good floor protection.
- Non-marking gray and special compounds available.
- Will not compress under rated capacities.
- Oil and chemical resistant.
- Oil-impregnated metal bearing requires no maintenance for lubrication.

Applications:

Recommended for concrete, wood block and steel floor surfaces.



05150-OH

PAYROCK HARD RUBBER WHEELS

WHEEL		CATALOG NUMBER			HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Oilite Self-Lubricating Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series
1 $\frac{5}{8}$	$\frac{3}{4}$	01062-OH	75	$\frac{1}{16}$	$\frac{3}{4}$	—	—	$\frac{3}{16}$	—	—	760
2	—	02087-OH	150	$\frac{1}{8}$	1	—	—	$\frac{5}{16}$	—	—	760,010,020
		02000-OH			1 $\frac{1}{16}$	—	—	—	—	000-009	
2 $\frac{1}{2}$	—	25000-OH	110	$\frac{1}{5}$	2 $\frac{3}{8}$	—	—	$\frac{5}{16}$	—	—	000-009
		25112-OH	200	$\frac{1}{4}$	1 $\frac{3}{8}$	—	—	$\frac{5}{16}$	—	—	760,050
3	$1\frac{3}{16}$	03082-OH	150	$\frac{1}{4}$	1	—	—	$\frac{5}{16}$	—	—	010,020
		03137-OH	270	$\frac{1}{2}$	1 $\frac{1}{16}$	—	—	$\frac{3}{8}$	—	—	760,050,060
3 $\frac{1}{2}$	1 $\frac{1}{4}$	35125-OH	280	$\frac{3}{4}$	1 $\frac{1}{16}$	—	—	$\frac{3}{8}$	—	—	050,060
4	$\frac{1}{2}$	04100-OH	150	$\frac{1}{2}$	1 $\frac{1}{8}$	—	—	$\frac{5}{16}$	—	—	020-028
	1 $\frac{1}{4}$	04125-OH	290	$\frac{3}{4}$	1 $\frac{1}{16}$	—	—	$\frac{3}{8}$	—	—	050,060
	1 $\frac{1}{2}$	04150-OH	400	1	1 $\frac{3}{4}$	1 $\frac{3}{16}$	—	$\frac{1}{2}$	$\frac{3}{8}$	—	760,070
	2	04200-OH	450	1 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{5}{16}$	—	$\frac{3}{4}$	$\frac{1}{2}$	—	190,200,290
5	$\frac{3}{16}$	05100-OH	150	1	1 $\frac{1}{8}$	—	—	$\frac{5}{16}$	—	—	020-028
	1 $\frac{1}{4}$	05125-OH	300	1 $\frac{1}{2}$	1 $\frac{1}{16}$	—	—	$\frac{3}{8}$	—	—	050
	1 $\frac{3}{8}$	05149-OH	310	1 $\frac{3}{4}$	1 $\frac{1}{16}$	—	—	$\frac{3}{8}$	—	—	060
	1 $\frac{1}{2}$	05150-OH	400	2	1 $\frac{5}{16}$	2	—	$\frac{5}{8}$	$\frac{1}{2}$	—	070
	2	05200-OH	450	2 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{5}{16}$	—	$\frac{3}{4}$	$\frac{1}{2}$	—	190,200,290
6	1 $\frac{3}{8}$	06137-OH	340	1 $\frac{3}{4}$	1 $\frac{1}{16}$	—	—	$\frac{3}{8}$	—	—	050,060
	1 $\frac{1}{2}$	06150-OH	450	1 $\frac{1}{2}$	1 $\frac{5}{16}$	2	—	$\frac{5}{8}$	$\frac{1}{2}$	—	070
	2	06200-OH	560	3 $\frac{1}{2}$	2 $\frac{1}{4}$	2 $\frac{5}{16}$	—	$\frac{3}{4}$	$\frac{1}{2}$	—	190,200,290

Spanner bushings should be ordered separately. See parts list page 94.

Payflex

CUSHION TREAD WHEELS

The Payflex Wheel is molded with a cushion outer tread and a hard fibrous inner core. The durometer is 70 (Shore A).

Engineering Data:

- Non-marking.
- Noiseless.
- Affords complete floor protection.
- Consult factory if you require gray or neoprene compounds.
- Oil-impregnated metal bearing requires no maintenance for lubrication.

Applications:

Recommended for hardwood, linoleum, ceramic tile, concrete or smooth steel floors.



05150-ox

PAYFLEX CUSHION TREAD WHEELS												
WHEEL		CATALOG NUMBER			HUB LENGTH		BORE DIMENSIONS					
Diameter inches	Tread Width inches	Oilite Self-Lubricating Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series	
1½	¾	01062-OX	60	⅓	¾	—	—	⅓	—	—	760	
2	—	02087-OX	90	⅓	1	—	—	⅓	—	⅜	760, 010, 020	
		02000-OX			1⅓	—	—	—	—	000-009		
2½	⅞	25087-OX	100	⅓	1	—	—	⅓	—	—	010, 020	
	—	25000-OX			2⅞	—	—	—	—	000-009		
	1⅞	25112-OX			1⅞	—	—	⅓	—	760, 050		
3	1⅞	03082-OX	100	¼	1	—	—	⅓	—	⅜	010, 020	
	1⅞	03137-OX	150	½	1⅞	—	—	⅓	—	—	760, 050	
3½	1¼	035125-OX	200	¾	1⅞	—	—	⅓	—	—	050, 060	
4	3⅞	04100-OX	120	½	1⅞	—	—	⅓	—	—	020-028	
	1¼	04125-OX	200	¾	1⅞	—	—	⅓	—	—	050, 060	
	1½	04150-OX	250	1	1¾	1⅓	—	½	⅜	—	760, 070	
	2	04200-OX	300	1½	2¼	2⅞	—	¾	½	—	190, 200, 290	
5	1	05100-OX	130	1	1⅞	—	—	⅓	—	—	020-028	
	1¼	05125-OX	200	1½	1⅞	—	—	⅓	—	—	050	
	1½	05149-OX	220	1¾	1⅞	—	—	⅓	—	—	060	
	1½	05150-OX	270	2	1⅞	2	—	⅓	½	—	070	
	2	05200-OX	330	2½	2¼	2⅞	—	¾	½	—	190, 200, 290	
6	1⅞	06137-OX	250	1¾	1⅞	—	—	⅓	—	—	050, 060	
	1½	06150-OX	290	2½	1⅞	2	—	⅓	½	—	070	
	2	06200-OX	400	3½	2¼	2⅞	—	¾	½	—	190, 200, 290	

Spanner bushings should be ordered separately. See parts list page 94.

Mirakush

POLYURETHANE WHEELS

The Mirakush wheel possesses an 85 durometer gray polyurethane tread, mechanically bonded to a durable polyolefin core. Since the tire is injection molded around and through the center, the two substances lock as one integral unit.

Engineering Data:

- Delrin butt bearings ideal for wet conditions.
- Anti-friction ball bearings for quiet and easy rolling.
- Roller bearings for heavier loads.
- Non-marking. Complete floor protection.
- For temperatures -20° to 220°F.

Applications: Carpeted floors, institutional carts, hospital equipment, chemical environments, concrete floors, wet conditions.



06200-UK

MIRAFLEX AND MIRAKUSH POLYURETHANE WHEELS

WHEEL		CATALOG NUMBER				Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS		Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series
Diameter inches	Tread Width inches	Delrin Bearings	Ball & Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings			Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches			
3	1 ⁵ / ₁₆	03100-DR				125	3/8	1	—	—	5/16	5/16	—	010, 020
3 1/2	1 1/8	35112-DR	35112-BR			200	1/2	1 5/8	—	—	3/8	3/8	—	050, 060
4	1 ⁵ / ₁₆	04100-DR				135	3/8	1	—	—	5/16	5/16	—	020
	1 1/8	04112-DR	04112-BR			200	3/4	1 5/8	—	—	3/8	3/8	—	050, 060
	1 1/2	04150-DK		04150-UK	04150-XK	300	1 1/8	1 3/4	1 13/16	1 5/16	1/2	3/8	5/8	070
	2	04200-DK		04200-UK	04200-XK	500	1 1/4	2 1/4	2 5/16	1 3/16	3/4	1/2	5/8	190, 200, 290
5	1 ⁵ / ₁₆	05100-DR				145	1	1 1/8	—	—	5/16	5/16	—	020
	1 1/8	05112-DR	05112-BR			200	1	1 5/8	—	—	3/8	3/8	—	050, 060
	1 1/2	05150-DK		05150-UK	05150-XK	350	1 1/2	1 15/16	2	1 1/16	5/8	1/2	3/4	070
	2	05200-DK		05200-UK	05200-XK	600	1 3/4	2 1/4	2 5/16	1 3/16	3/4		5/8	5/8, 1/2	190, 200, 290
6	1 1/8	06112-DR	06112-BR			275	1 1/4	1 5/8	—	—	3/8	3/8	—	050, 060
	1 1/2	06150-DK		06150-UK	06150-XK	420	1 3/4	1 15/16	2	1 1/16	5/8	1/2	3/4	070
	2		06200-BK	06200-UK	06200-XK	600	2	2 1/4	2 5/16	1 3/16	3/4		5/8	5/8, 1/2	190, 200, 290
	2 1/2			06250-UK	06250-XK	950	3	2 3/4	2 13/16	1 9/16	1	3/4	7/8	300
	3		06301-TK	06301-UK	06301-XK	1200	4	3 1/4	3 3/8	1 5/16	1 1/4	1	1	500, 600
8	2	08200-DK		08200-UK	08200-XK	800	3 1/4	2 1/4	2 5/16	1 3/16	3/4	1/2	5/8	190, 200, 290
	2 1/2		08200-BK						—	1 3/8	3/4	5/8, 1/2		
	2 1/2			08250-UK	08250-XK	1100	4 1/4	2 3/4	2 13/16	1 9/16	1	3/4	7/8	300
	3		08300-TK	08300-UK	08300-XK	1360	5	3 1/4	3 3/8	1 5/16	1 1/4	1	—	400
10	2 1/2			08301-TK	08301-UK	1360	5	3 1/4	3 3/8	1 5/16	1 1/4	1	—	500, 600
	3			10250-UK	10250-XK	1300	6	2 3/4	2 13/16	1 9/16	1	3/4	7/8	300
				10300-TK	10300-UK	10300-XK	1700	7	3 1/4	3 3/8	1 5/16	1	3/4	—	400
12	3			10301-TK	10301-UK	1700	7	3 1/4	3 3/8	1 5/16	1 1/4	1	—	500, 600
				12300-TK	12300-UK	12300-XK	1900	10	3 1/4	3 3/8	1 5/16	1	3/4	—	400
			12301-TK	12301-UK	12301-XK	1900	10	3 1/4	3 3/8	1 5/16	1 1/4	1	—	500, 600

*Timken Bearings require no spanner bushing, as they ride on the axle. For example, the 12301-TK has a 1" I.D. Timken Bearing riding directly on the 1" axle. Bore variations available with Roller Bearings only, must be specified. Spanner bushings should be ordered separately. See parts list page 94.

Miratek

POLYURETHANE WHEELS

A bright red 95 Shore A polyurethane is mechanically bonded around and through a tough polyolefin core. The injection molded process locks these two substances. For use on virtually any floor surface under almost all operating conditions.

Engineering Data:

- High capacities.
- Light weight, but resistant to impact, shock and abrasion.
- Delrin bearings for wet conditions.
- Roller bearings for heavier loads.
- Timken bearings for heavy duty applications.
- Crown contouring for high capacities and smoother swiveling.
- Temperature range: -20° to 220°F.

Applications: Carpeted floors, institutional carts, hospital equipment, chemical environments, concrete floors, wet conditions.



06200-UT

MIRATUFF AND MIRATEK POLYURETHANE WHEELS

WHEEL		CATALOG NUMBER					Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Used in Caster Series
Diameter inches	Tread Width inches	Delrin Bearings	Ball & Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings	Without Spanner inches			With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	
3	1 ⁵ / ₁₆	03100-DF				145	3/8	1	—	—	5/16	5/16	—	010, 020
3	1 ¹ / ₄		03125-BF			220	1/2	1 ¹ / ₁₆	—	—	3/8	3/8	—	040, 050
3 ¹ / ₂	1 ¹ / ₈	35112-DF	35112-BF			250	1/2	1 ⁵ / ₈	—	—	3/8	3/8	—	050, 060
4	1 ⁵ / ₁₆	04100-DF				155	3/8	1	—	—	5/16	5/16	—	020
	1 ¹ / ₈	04112-DF	04112-BF			240	3/4	1 ⁵ / ₈	—	—	3/8	3/8	—	050, 060
	1 ¹ / ₂	04150-DT		04150-UT	04150-XT	400	1 ¹ / ₈	1 ³ / ₄	1 ¹³ / ₁₆	1 ⁵ / ₁₆	1/2	3/8	5/8	070
	2	04200-DT		04200-UT	04200-XT	600	1 ¹ / ₄	2 ¹ / ₄	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	5/8	190, 200, 290
5	1 ⁵ / ₁₆	05100-DF				165	1	1 ¹ / ₈	—	—	5/16	5/16	—	020
	1 ¹ / ₈	05112-DF	05112-BF			240	1	1 ⁵ / ₈	—	—	3/8	3/8	—	050, 060
	1 ¹ / ₂	05150-DT		05150-UT	05150-XT	500	1 ¹ / ₂	1 ¹⁵ / ₁₆	2	1 ¹ / ₁₆	5/8	1/2	3/4	070
	2	05200-DT		05200-UT	05200-XT	700	1 ³ / ₄	2 ¹ / ₄	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	5/8	190, 200, 290
6	1 ¹ / ₈	06112-DF	06112-BF			325	1 ¹ / ₄	1 ⁵ / ₈	—	—	3/8	3/8	—	050, 060
	1 ¹ / ₂	06150-DT		06150-UT	06150-XT	560	1 ³ / ₄	1 ¹⁵ / ₁₆	2	1 ¹ / ₁₆	5/8	1/2	3/4	070
	2	06200-DT		06200-UT	06200-XT	820	2	2 ¹ / ₄	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	5/8	190, 200, 290
	2 ¹ / ₂			06250-UT	06250-XT	1100	3	2 ³ / ₄	2 ¹³ / ₁₆	1 ¹ / ₁₆	1	3/4	7/8	300
	3		06301-TT	06301-UT	06301-XT	2250	4	3 ¹ / ₄	3 ³ / ₈	1 ¹⁵ / ₁₆	1 ¹ / ₄	1	1	500, 600
8	2	08200-DT		08200-UT	08200-XT	1000	3 ¹ / ₄	2 ¹ / ₄	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	5/8	200, 290
	2 ¹ / ₂			08250-UT	08250-XT	1340	4 ¹ / ₄	2 ³ / ₄	2 ¹³ / ₁₆	1 ¹ / ₁₆	1	3/4	7/8	300
	3		08300-TT	08300-UT	08300-XT	2400	5	3 ¹ / ₄	3 ³ / ₈	1 ¹⁵ / ₁₆	1	3/4	—	400
10	2 ¹ / ₂		08301-TT	08301-UT	08301-XT					1 ¹ / ₄	1	—	500, 600	
			10250-UT	10250-XT	1580	6	2 ³ / ₄	2 ¹³ / ₁₆	1 ¹ / ₁₆	1	3/4	7/8	300	
	3		10300-TT	10300-UT	10300-XT	2400	7	3 ¹ / ₄	3 ³ / ₈	1 ¹⁵ / ₁₆	1	3/4	—	400
12	3		10301-TT	10301-UT	10301-XT					1 ¹ / ₄	1	—	500, 600	
			12300-TT	12300-UT	12300-XT	2500	10	3 ¹ / ₄	3 ³ / ₈	1 ⁵ / ₁₆	1	3/4	—	400
			12301-TT	12301-UT	12301-XT					1 ¹ / ₄	1	—	500, 600	

*Timken Bearings require no spanner bushing, as they ride on the axle. For example, the 12301-TT has a 1" I.D. Timken Bearing riding directly on the 1" axle. Bore variations available with Roller Bearings only, must be specified. Spanner bushings should be ordered separately. See parts list page 94.

Payductile

HI-TENSILE DUCTILE WHEELS

Payductile Wheels are cast from a high tensile ductile iron, with special alloy compounds added to withstand shock loads and the most punishing service.

Engineering Data:

- Tensile rating of 60,000 to 80,000 P.S.I. and an elongation factor up to 30%.
- Your choice of either Roller bearings or Timken tapered bearings.
- Fully machined.

Applications:

Heavy duty. Shock loads. Severe operating conditions. Excessive heat or cold.



06250-UD

PAYDUCTILE DUCTILE IRON WHEELS

WHEEL		CATALOG NUMBER			Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Bore Variations inches	Used in Caster Series
Diameter inches	Tread Width inches	Ball and Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings			Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		
6	2½		06250-UD	06250-XD	2800	9½	2¾	2 ¹³ / ₁₆	1 ⁹ / ₁₆	1	¾	7/8	300
	3	06301-TD	06301-UD	06301-XD	10000	16½	3¼	3 ³ / ₈	2 ⁷ / ₁₆	1¼	1	—	500, 600, 700
	4	06400-TD	06400-UD	06400-XD	17000	21	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900
8	2½		08250-UD	08250-XD	3500	15	2¾	2 ¹³ / ₁₆	1 ⁹ / ₁₆	1	¾	7/8	300
	3	08300-TD	08300-UD	08300-XD	6000	20	3¼	3 ³ / ₈	1 ⁵ / ₁₆	1	¾	—	400
		08301-TD	08301-UD							1¼	1	—	500, 600, 700
4	08400-TD	08400-UD	08400-XD	17000	27	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900	
10	3	10301-TD	10301-UD	10301-XD	10000	29	3¼	3 ³ / ₈	2 ⁷ / ₁₆	1¼	1	—	500, 600, 700
	4	10400-TD	10400-UD	10400-XD	17000	34	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900
12	4	12400-TD	12400-UD	12400-XD	17000	44	4¼	4 ⁵ / ₈	2 ⁷ / ₁₆	1½	1¼	—	800, 900

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. Bore variations available with Roller Bearings only, which must be specified. Spanner bushings should be ordered separately. See parts list page 94. Maximum capacity with any Roller Bearing limited to 8,000 lbs.

V-Grooved PAYRON/PAYDUCTILE WHEELS

Made from Payron or Payductile steel. They are accurately machined to fit angle iron tracks.

Engineering Data:

- High capacities.
- Fully machined.
- Flat on bottom.
- Can be rolled on smooth floors.

Applications:

Excessive heat or cold. Severe operating conditions. Shock loads. See page 55 for specifications.



06200-USG

V-GROOVED SEMI-STEEL AND DUCTILE WHEELS

WHEEL		CATALOG NUMBER					HUB LENGTH		BORE DIMENSIONS		Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series
Diameter inches	Tread Width inches	Ball and Timken* Bearings	Roller Bearings	Bored for, but less Roller Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches			
4	1½		04150-USG	04150-XSG	800	3¾	1¾	1 13/16	1 5/16	½	¾	5/8	760, 070
6	2		06200-USG	06200-XSG	1100	8	2¼	2 5/16	1 3/16	¾	1	1, 7/8, 5/8	190, 200, 290
	2½		06250-USG	06250-XSG	2000	14	2¾	2 13/16	1 1/16	1	¾	1¼, 7/8	300
8	2		08200-USG	08200-XSG	1200	12	2¼	2 5/16	1 3/16	¾	½	1, 7/8, 5/8	190, 200, 290
	2½	08250-TDG	08250-UDG	08250-XDG	4000	17	2¾	2 13/16	1 15/16	1	¾	7/8	300
		08251-TDG	08251-UDG				2¾	3 3/8		1¼	1	—	500, 600, 700
4	08400-TDG	08400-UDG	08400-XDG	15000	33	4¼	4 5/8	2 7/16	1½	1¼	—	800, 900	
10	4	10400-TDG	10400-UDG	10400-XDG	15000	41	4¼	4 5/8	2 7/16	1½	1¼	—	800, 900

*Timken Bearings require no spanner bushing, as they ride on the axle. Accordingly, each Timken Wheel has the same I.D. as its axle diameter listing. Bore variations available with Roller Bearings only, which must be specified. Spanner bushings should be ordered separately. See parts list page 94. Maximum capacity with any Roller Bearing limited to 8,000 lbs.

Payvulc

VULCANIZED MOLD-ON RUBBER WHEELS

These mold-on rubber wheels are standard with steel centers. A soft rubber tread protects the floor and affords quiet operations. The steel center is fully machined, and is equipped with roller bearings and grease fittings.



06200-UP

VULCANIZED MOLD-ON RUBBER WHEELS

WHEEL		CATALOG NUMBER		Cap. Each lbs.	Approx. Weight lbs.	HUB LENGTH		BORE DIMENSIONS			Used in Caster Series	
Diameter inches	Tread Width inches	Roller Bearings	Bored for, but less Roller Bearings			Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches		Bore Variations inches
4	2	04200-UP	04200-XP	300	2	2 ³ / ₁₆	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	1, 7/8, 5/8	190, 200
5	2	05200-UP	05200-XP	400	3	2 ³ / ₁₆	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	1, 7/8, 5/8	190, 200
6	2	06200-UP	06200-XP	450	4	2 ³ / ₁₆	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	1, 7/8, 5/8	190, 200
8	2	08200-UP	08200-XP	500	6	2 ³ / ₁₆	2 ⁵ / ₁₆	1 ³ / ₁₆	3/4	1/2	1, 7/8, 5/8	190, 200
10	2 1/2	10250-UP	10250-XP	790	11	2 3/4	2 13/16	1 1/16	1	3/4	1 1/4, 7/8	300

Spanner bushings should be ordered separately. See parts list page 94.

Pneumatic

FULL PNEUMATIC WHEELS

Full Pneumatic Wheels act on the same principle as an automobile tire: that is, the tires are air-inflated.* Accordingly, these wheels are shock-resistant and ideal for delicate and fragile loads.

*Foam filling available.



08300-UBW

FULL PNEUMATIC WHEELS											
WHEEL		CATALOG NUMBER			HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Roller, Ball Bearings	Cap. Each lbs.	Approx. Weight lbs.	Without Spanner inches	With Spanner inches	Without Bearing inches	With Bearing inches	Axle Dia. w/spanner inches	Bore Variations inches	Used in Caster Series
6	2	06200-BW	260	2½	2½		–	¾	½	–	190, 200
8	2.80-4	08300-UBW	320	4½	3¼	3¾	–	1	¾	–	400
10	3.50-4	10400-UW	550	8	4¼	3¾	–	1	¾	–	400
12	4.00-6	12400-UW	700	12	4¼	4¾	–	1	¾	–	400

*Capacities for Full Pneumatic Wheels are for 50lbs, tire inflation and operation under 5mph. Spanner bushings should be ordered separately. See parts list page 94.

Components/Parts



► BUSHINGS & AXLES

A. Straight Axles:

If lubrication is through the hub, a plain axle is used. However, if greased through the axle, then specify a zerk type axle.

B. Spanner Bushings:

Spanners are standard on all casters with roller bearing wheels and with most straight axles. The spanner is drilled if the axle is drilled.

C. Shouldered Axles:

The wheel rides directly on the shouldered part of the axle, except with roller bearing wheels, in which spanners are necessary. When used with an antifriction bearing wheel, the axle is drilled.

SPANNER BUSHINGS		
O.D. x I.D. x Length	CATALOG NUMBER	Fits Caster Size
	Drilled Spanners	
$\frac{1}{2} \times \frac{3}{8} \times 1\frac{1}{8}$	080626-SH	760-3, 050-3 to 6, 060-3 to 6
$\frac{1}{2} \times \frac{3}{8} \times 1\frac{1}{16}$	080629-SH	070-4, 760-4
$\frac{1}{2} \times \frac{3}{8} \times 1\frac{5}{32}$	080624-SH	050, 060-WK
$\frac{5}{8} \times \frac{1}{2} \times 1\frac{1}{8}$	100830-SH	070-5 and 6-WK
$\frac{5}{8} \times \frac{1}{2} \times 2$	100832-SH	080-3, 070-5, 070-6
$\frac{3}{4} \times \frac{1}{2} \times 2\frac{5}{16}$	120837-SH	190, 200, 290
$\frac{3}{4} \times \frac{1}{2} \times 2\frac{1}{16}$	120833-SH	190, 200, 290-WK

SPANNER BUSHINGS		
O.D. x I.D. x Length	CATALOG NUMBER	Fits Caster Size
	Plain Spanners	
$\frac{5}{16} \times \frac{1}{4} \times 1\frac{1}{32}$	050417-SP	020-3 TG
$\frac{5}{16} \times \frac{1}{4} \times 1\frac{1}{16}$	050423-SP	760-2½ TG, 050-2½ TG
$\frac{3}{8} \times \frac{5}{16} \times 1\frac{1}{16}$	060527-SP	760-3 TG, 050-3 TG
$1 \times \frac{3}{4} \times 2\frac{1}{16}$	161245-SP	300
$1 \times \frac{3}{4} \times 3\frac{3}{8}$	161254-SP	400
$1\frac{1}{4} \times 1 \times 3\frac{3}{8}$	201654-SP	500, 600, 700
$1 \times \frac{3}{4} \times 4\frac{3}{8}$	161270-SP	10, 12" Full Pneumatic
$1\frac{1}{2} \times 1\frac{1}{4} \times 4\frac{3}{8}$	242074-SP	800, 900
$1 \times \frac{3}{4} \times 3\frac{3}{32}$	161251-SP	400-TK/TT

SHOULDERED AXLES		
Shoulder x Length	CATALOG NUMBER	Fits Caster Size
$\frac{1}{4} \times \frac{5}{16} \times 1\frac{1}{8}$	040518-AP	020-2 & 3"
$\frac{1}{4} \times \frac{5}{16} \times 1\frac{1}{32}$	040521-AP	020-4, 5"
$\frac{1}{4} \times \frac{5}{16} \times 1\frac{1}{32}$	040526-AP	760-2½, 050-2½
$\frac{1}{4} \times \frac{5}{16} \times 2\frac{5}{32}$	040535-AP	020-2, 3"-DW
$\frac{5}{16} \times \frac{3}{8} \times 3\frac{2}{16}$	050654-AP	050-4-DW, 060-3-DW
$\frac{1}{4} \times \frac{5}{16} \times 2.47$	040640-AP	020-2, 3-DW-WK
$\frac{3}{4} \times \frac{5}{16} \times 1\frac{2}{32}$	040528-AP	760-2½, 050-2½

SHOULDERED AXLES			
Shoulder x Length	CATALOG NUMBER		Fits Caster Size
	Plain Axles	Zerk Axles	
$\frac{5}{16} - \frac{3}{8} \times 1\frac{2}{32}$	050628-AP	050628-AZ	760-3, 050-3 to 6, 060-3 to 6"
$\frac{5}{16} - \frac{3}{8} \times 1\frac{1}{16}$	050629-AP	050629-AZ	061-3 to 6"

STRAIGHT AXLES			
O.D. x Length	CATALOG NUMBER		Fits Caster Size
	Plain Axles	Zerk Axles	
$\frac{3}{8} \times 2\frac{1}{2}$	060040-AP	060040-AZ	760-4, 070-4
$\frac{1}{2} \times 2\frac{1}{16}$	080043-AP	080043-AZ	070-5, 6", 080-3
$\frac{1}{2} \times 3\frac{1}{16}$	080049-AP	080049-AZ	200, 290
$\frac{3}{4} \times 3\frac{3}{4}$	120060-AP		300

STRAIGHT AXLES		
O.D. x Length	CATALOG NUMBER	Fits Caster Size
	Plain Axles	
$\frac{3}{4} - 10 \times 3\frac{3}{4}$	120060-AP	300
$\frac{3}{4} - 10 \times 4\frac{1}{2}$	120072-AP	400, 400-8UW
$\frac{3}{4} - 10 \times 5\frac{1}{2}$	120088-AP	10, 12" Full Pneumatic
$1\frac{1}{4} - 12 \times 6\frac{1}{2}$	200104-AP	800, 900
$1 - 8 \times 5$	160080-AP	500, 600, 700



▶ BEARINGS

- A. Roller Bearing
- B. Ball Bearing
- C. Delrin Bearing

ROLLER BEARINGS		
O.D. x I.D. x Length	CATALOG NUMBER	Fits Caster Size
1 ⁵ / ₁₆ x 1/2 x 1 1/4	1300-RB	760-3, 050, 060
1 ⁵ / ₁₆ x 1/2 x 1 1/2	1301-RB	070-4, 760-4
1 1/8 x 5/8 x 1 1/2	1303-RB	Z04150-5/8 wheel
1 1/8 x 5/8 x 1 3/4	1304-RB	070-5 & 6, 080-3
1 3/8 x 3/4 x 2	1305-RB	190, 200, 290
1 7/16 x 1 x 2	1306-RB	Z04200-08200-1 wheel
1 3/8 x 3/8 x 2	1308-RB	Z04200-08200-5/8 wheel
1 7/16 x 7/8 x 2	1309-RB	Z04200-08200-7/8 wheel
1 9/16 x 1 x 2 1/2	1310-RB	300
1 5/8 x 1 1/4 x 3	1312-RB	500, 600, 700
1 5/8 x 1 x 2 1/2	1314-RB	Z06250-10250-1 wheel
1 5/8 x 1 x 3	1315-RB	400
2 7/16 x 1 1/2 x 4	1316-RB	800, 900

WK WHEEL BRAKES		
Specifications	CATALOG NUMBER	Fits Caster Size
Same Brake Kit	WK-F/760-2	760-2"
	WK-F/020-2	020-2"
	WK-F/010-2	010-2"
	WK-F/020-2-3-DW	020-2"-3" DW
	WK-F/010-3	010-3"
Same Brake Kit	WK-F/760-2 1/2	760-2 1/2"
	WK-F/760-2 1/2	050-2 1/2"
	WK-F/020-3	020-3"
	WK-F/760-3	760-3"
For Roller Bearing Wheels	WK-F/760-3-U	760-3"
	WK-F/020-4-5	020-4"-5"
Same Brake Kit	WK-F/050-3-6	050-3"-6"
	WK-F/060-3-6	060-3"-6"
Same Brake Kit For Ball Bearing Wheels Only	WK-F/050-3-6-B	050-3"-6"
	WK-F/060-3-6-B	060-3"-6"
Same Brake Kit For Roller Bearing Wheels Only	WK-F/050-3-6-U	050-3"-6"
	WK-F/060-3-6-U	060-3"-6"
Same Brake Kit	WK-F/760-4	760-4"
	WK-F/070-4	070-4"
Same Brake Kit	WK-F/070-5-6	070-5-6"
	WK-F/080+3	080-3"
Same Brake Kit	WK-F/200-4-8	200-4"-8"
	WK-F/290-4-8	290-4"-8"
	WK-F/060-8	060-8"

BALL BEARINGS		
O.D. x I.D. x Length	CATALOG NUMBER	Fits Caster Size
2 x 7/8	1500-BF	300, 400
2 x 1	1501-BF	300, 400
1 3/8 x 3/4	1503-BF	190, 200, 290
1 3/8 x 1/2	1505-BF	190, 200, 290
1 3/8 x 5/8	1506-BF	190, 200, 290
2 9/32 x 3/8	1507-BF	050, 060

DELRIN BEARINGS		
O.D. x I.D. x Length	CATALOG NUMBER	Fits Caster Size
5/16 x 1/2 x 1 3/4	1400-DB	760-4, 070-4
1 1/8 x 5/8 x 1 5/16	1401-DB	070-5 & 6, 080-3
1 3/8 x 3/4 x 2 1/4	1402-DB	190, 200, 290
3/8 x 3/8 x 7/8	1404-DB	050, 060
7/16 x 3/16 x 1 5/16	1406-DB	020-2 & 3
7/16 x 5/16 x 1 1/8	1407-DB	020-4 & 5

SK SWIVEL/WHEEL BRAKE KITS		
Specifications	CATALOG NUMBER	Fits Caster Size
Same Brake Kit	SK-F/050-3 1/2	050-3 1/2"
	SK-F/060-3 1/2	060-3 1/2"
Same Brake Kit	SK-F/050-4-6	050-4"-6"
	SK-F/060-4-6	060-4"-6"
Same Brake Kit	SK-F/070-5-6	070-5"-6"
	SK-F/200-5-8	200-5"-8"

▶ BASE & BRACKET ASSEMBLIES

Each standard caster series has its own base and bracket assembly, which can be ordered as a separate item. If, in addition to the base and bracket assemblies, you require spanners or axles, they should be ordered as separate part numbers. See price list and the particular series for more information.



A. Typical Base & Bracket Assembly
(If you already have the components, you will be able to assemble easily.)



B. Rigid Base & Bracket Assembly
(If you require other components, remember to order separately.)

Conversion Chart

INCHES, DECIMALS, AND MILLIMETERS

INCHES	DECIMALS	MILLIMETERS
$\frac{1}{64}$	.0156	0.396
$\frac{1}{32}$	.0312	0.793
$\frac{3}{64}$	.0468	1.190
$\frac{1}{16}$	.0625	1.587
$\frac{5}{64}$	.0781	1.984
$\frac{3}{32}$	.0937	2.381
$\frac{7}{64}$	.1093	2.778
$\frac{1}{8}$	.1250	3.175

$\frac{17}{64}$	.2656	6.746
$\frac{9}{32}$	.2812	7.143
$\frac{19}{64}$	.2968	7.540
$\frac{5}{16}$	.3125	7.937
$\frac{21}{64}$	.3281	8.334
$\frac{11}{32}$	.3437	8.731
$\frac{23}{64}$	.3593	9.128
$\frac{3}{8}$	.3750	9.525

$\frac{33}{64}$	.5156	13.096
$\frac{17}{32}$	.5312	13.493
$\frac{35}{64}$	.5468	13.890
$\frac{7}{16}$	.5625	14.287
$\frac{37}{64}$	.5781	14.684
$\frac{19}{32}$	.5937	15.081
$\frac{39}{64}$	.6093	15.478
$\frac{5}{8}$	.6250	15.875

$\frac{49}{64}$	.7656	19.446
$\frac{25}{32}$	.7812	19.843
$\frac{51}{64}$	.7968	20.240
$\frac{13}{16}$	.8125	20.637
$\frac{53}{64}$	.8281	21.034
$\frac{27}{32}$	.8437	21.431
$\frac{55}{64}$	.8593	21.828
$\frac{7}{8}$	.8750	22.225

2	2.000	50.800
3	3.000	76.200
4	4.000	101.600
5	5.000	127.000
6	6.000	152.400
7	7.000	177.800
8	8.000	203.200
9	9.000	228.600

INCHES	DECIMALS	MILLIMETERS
$\frac{9}{64}$	.1406	3.571
$\frac{5}{32}$	.1562	3.968
$\frac{11}{64}$	.1718	4.365
$\frac{3}{16}$	.1875	4.762
$\frac{13}{64}$	.2031	5.159
$\frac{7}{32}$	.2187	5.556
$\frac{15}{64}$	.2343	5.953
$\frac{1}{4}$	.2500	6.350

$\frac{25}{64}$	.3906	9.921
$\frac{13}{32}$	.4062	10.318
$\frac{27}{64}$	.4218	10.715
$\frac{7}{16}$	.4375	11.112
$\frac{29}{64}$	.4531	11.509
$\frac{15}{32}$	.4687	11.906
$\frac{31}{64}$	.4843	12.303
$\frac{1}{2}$	.5000	12.700

$\frac{41}{64}$	.6406	16.271
$\frac{21}{32}$	.6562	16.668
$\frac{43}{64}$	.6718	17.065
$\frac{11}{16}$	.6875	17.462
$\frac{45}{64}$	.7031	17.859
$\frac{23}{32}$	.7187	18.256
$\frac{47}{64}$	.7343	18.653
$\frac{3}{4}$	.7500	19.050

$\frac{57}{64}$	.8906	22.621
$\frac{29}{32}$	.9062	23.018
$\frac{59}{64}$	.9218	23.415
$\frac{15}{16}$	.9375	23.812
$\frac{61}{64}$	.9531	24.209
$\frac{31}{32}$	.9687	24.606
$\frac{63}{64}$	.9843	25.003
1	1.0000	25.400

10	10.0000	254.000
11	11.0000	279.400
12	12.0000	304.800
13	13.0000	330.200
14	14.0000	355.600
15	15.0000	381.000
16	16.0000	406.400
17	17.0000	431.800



Powder Coating Services

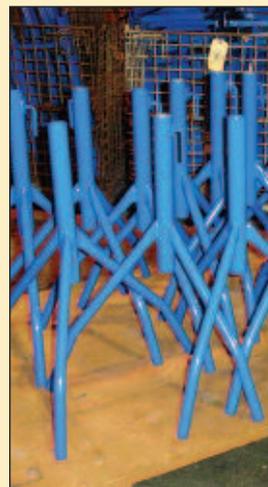
STATE-OF-THE-ART TECHNOLOGY

Since 1873, Payson Casters has been dedicated to producing the most complete selection of casters in the world. Today, Payson adds powder coating services to its impressive list of capabilities.

The powder coating machine, pictured above, is mainly used by our subsidiary, Roll-A-Way Conveyors. We will do powder coating painting for other companies and invite them to have us quote the parts they need painted.

Features & Benefits:

The state-of-the-art powder coating system consists of a three-stage pretreatment washer and a combination dry-off and cure oven that can reach temperatures of 500 degrees. Roll-A-Way can coat parts up to 3.5' wide and 6' in height in any high volume. The system is entirely automated with American Overhead's Cableway System, carrying the load at 4.5' per minute over a 457' path.



Payson Casters

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