

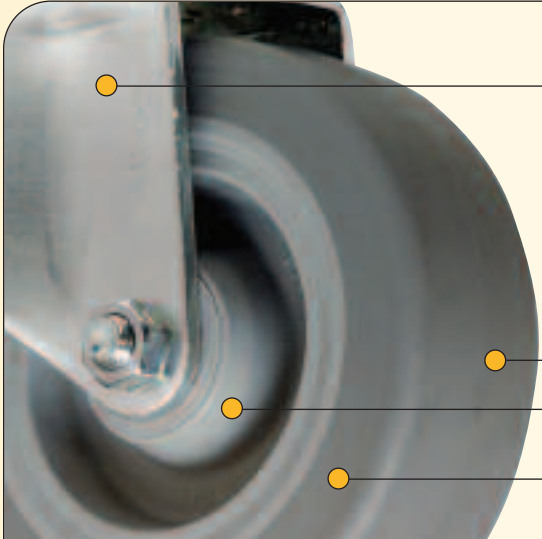


Payson Casters



MANUFACTURERS OF QUALITY CASTERS SINCE 1873

► HOW TO ORDER



SERIES DESIGNATION

200 - 6 U E

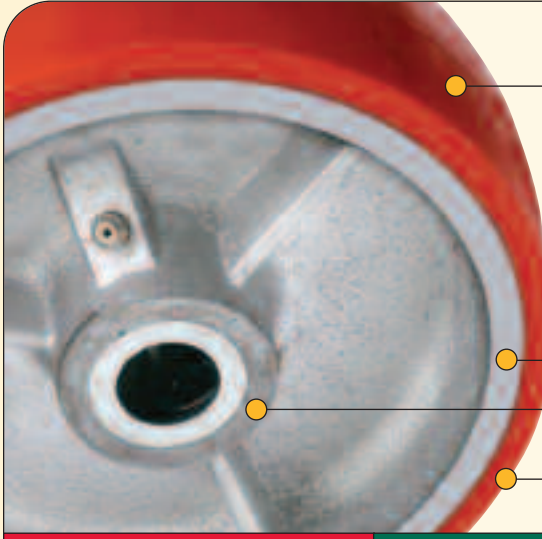
WHEEL DIAMETER

BEARING TYPE

WHEEL TYPE

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.



WHEEL DIAMETER

TREAD WIDTH

BEARING TYPE

WHEEL TYPE

06 200 - U L

WHEELS ONLY

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

► SYMBOLS

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

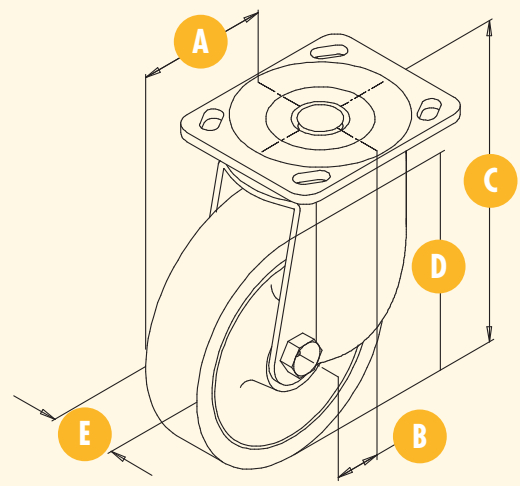
Floor Surfaces
A most important consideration. If your floors require maximum protection, select a resilient wheel. If you desire capacity only, choose a metal wheel. If you want capacity and floor protection, we recommend a Plexite and/or Polyurethane wheel.

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.



A. Swivel Radius

The distance measured horizontally from the center of the kingpin to the trailing edge of the wheel.

B. Offset

The horizontal distance from the center of the kingpin to the center of the axle.

C. Over-All Height

The vertical distance from the floor to the top of the mounting plate.

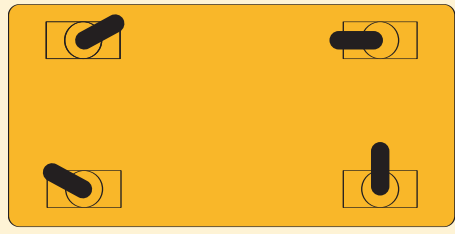
D. Caster Size

Determined by wheel diameter.

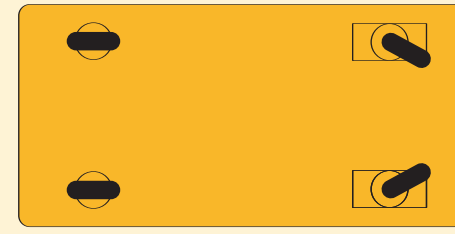
E. Tread Width

Wheel width at tread.

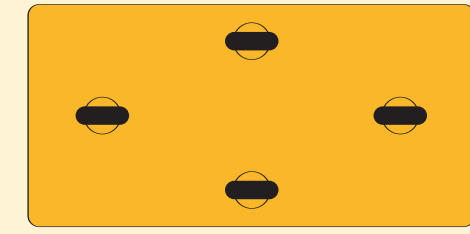
► MOUNTING ARRANGEMENTS



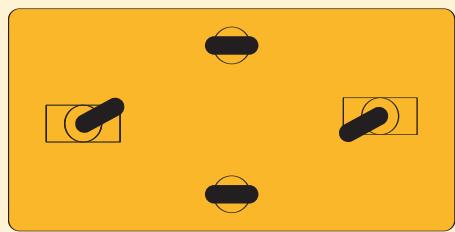
4 Swivel Great Maneuverability.
Ideal for confined areas.



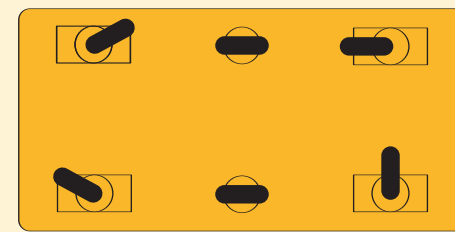
2 Swivel, 2 Rigid Super Steering.
Trails well and corners easily.



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.

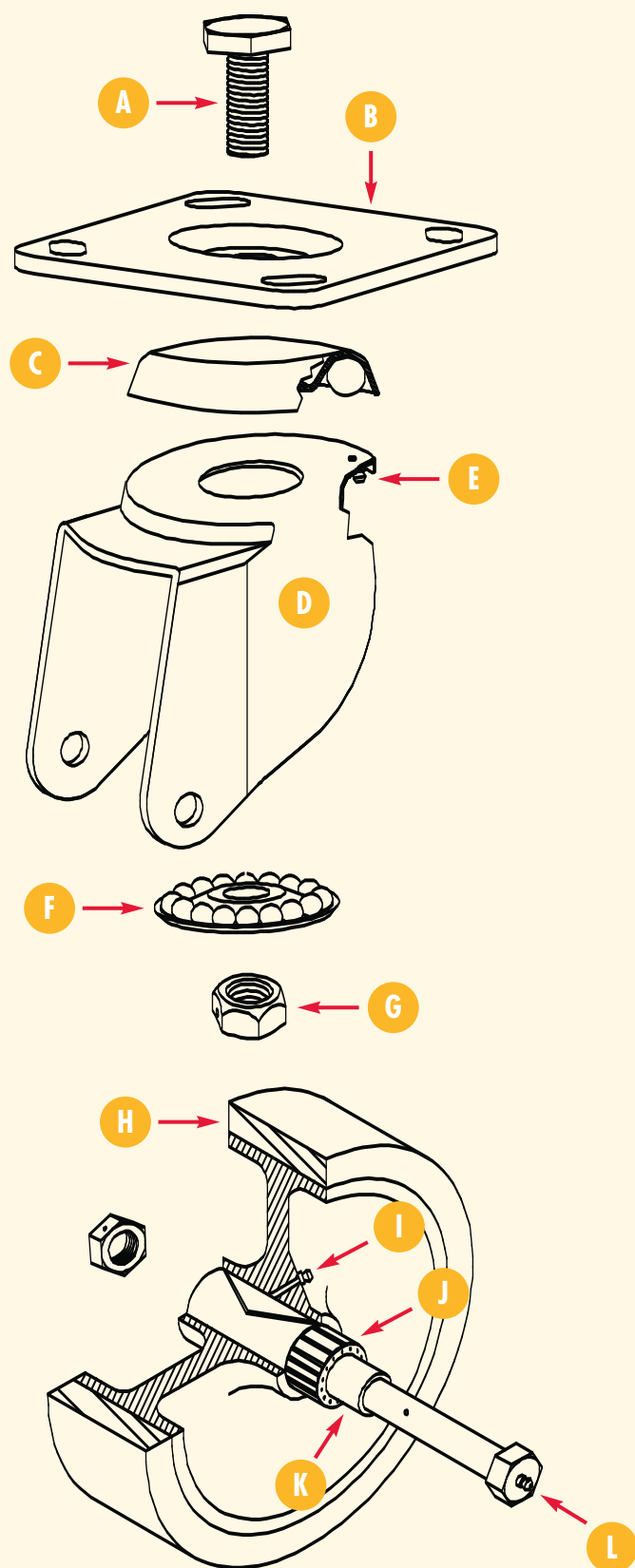


6 Wheeler (4 Swivel, 2 Rigid)
Ideal for heavy loads. Turns on a dime.



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. King Pin

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. King Pin 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, 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.

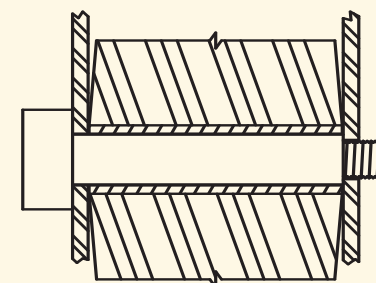
L. Lubrication Axle

If desired, lubrication can be applied through the axle, through the spanner, and into the antifriction bearing.

AXLE ASSEMBLY

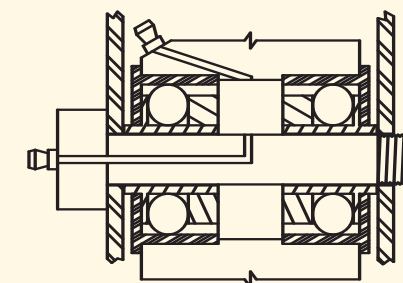
Nut and bolt axles can be replaced. Shouldered types do not necessarily require a spanner.

► AXLE BEARING ASSEMBLY INSTRUCTIONS



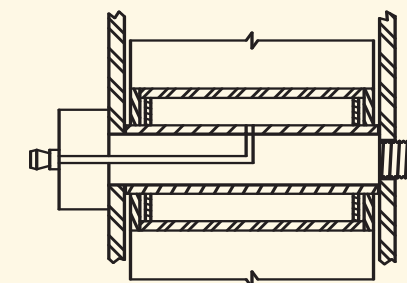
Shouldered With Plain, Delrin, Or Oilite Bearings

Shouldered part provides its own spanner.



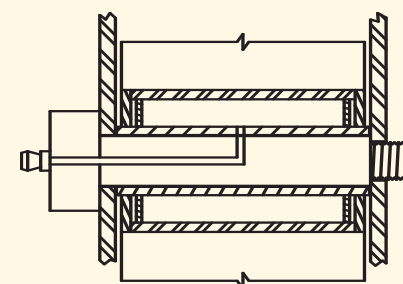
Straight Axle For Flange Ball Bearings

No spanner necessary.
Zerk through hub or axle.



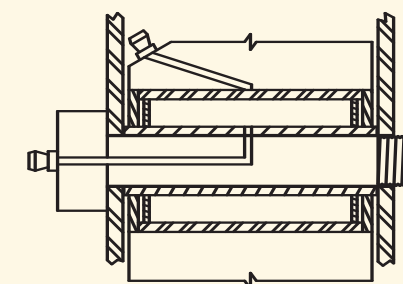
Shouldered For Butt Ball Bearings

Has self-contained spanner.
Grease through axle only.



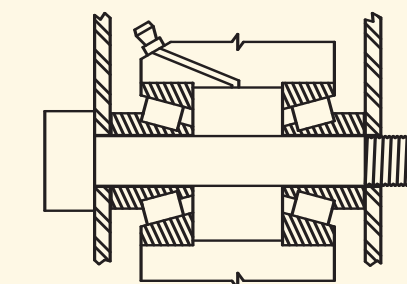
Shouldered With Roller Bearings

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 advise 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, 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 insure 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
ECONOMY

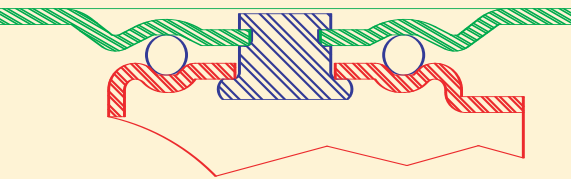
The 360 is an economical caster of single ball race construction. Originally designed for light duty tool carts, the 360 also has a wide range of applications which require a low-priced caster. The embossed steel construction, with a fully formed raceway, is designed to permit free swiveling for those 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.
- 5/16” riveted axle.

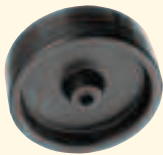
Raceway Construction:



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 Over-All 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 1/8	3 1/8	Width by Length: 2 1/8 x 1 23/32 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 3/8	4 1/8	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 dol-lies, box and platform trucks, bakery racks, laundry and linen baskets, and other equipment on which applications require an economical single ball race caster.

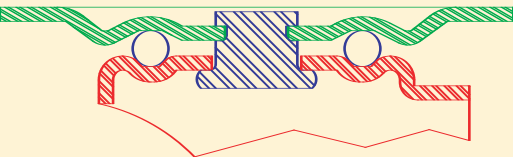
Engineering Data:

- 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.

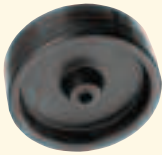
Raceway Construction:



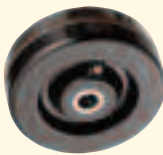
Wheels & Optional Extras:



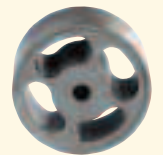
Payrock Hard Tread
rubber fibrous compound



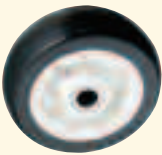
Peejay
polyolefin plastic



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 Over-All 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							
1 5/8	3/4	Payflex	50	760-1 5/8OX		1/4	1 1/4	2	1 5/8 x 2 3/16	1 x 1 5/8	1 1/64	
		Payrock	60	760-1 5/8OH								
2	7/8	Payron	100	760-2PS		3/4	2	2 5/8	1 15/16 x 2 5/8	1 x 2 1/8	1 7/64	
		Payflex	75	760-2OX								
		Payrock	100	760-2OH		5/8						
		Peejay	100	760-2PJ								
2 1/2	1	Payron	200	760-2 1/2PS		1 1/2	2 1/16	3 5/16	2 1 1/16 x 3 5/8	1 3/4 x 3	2 1/64	
	1 1/8	Payflex	110	760-2 1/2OX		1						
		Payrock	175	760-2 1/2OH								
3	1 1/4	Payron	210	760-3PS	760-3US	2 1/4	2 1/2	3 7/8	3 1/8 x 4 1/8	2 3/8 x 3 7/16	2 1/64	
	1 3/8	Payflex	125	760-3OX		1 1/2						
		Payrock	225	760-3OH								
	1 1/4	Plexite	210		760-3UM							
		Peejay	210	760-3PJ								
4	1 5/8	Payron	375	760-4PS	760-4US	4 1/2	3 1/2	5	4 x 5	3 x 4	2 5/64	
	1 1/2	Payflex	200	760-4OX		3						
		Payrock	300	760-4OH								
		Plexite	375	760-4DM	760-4UM							
		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						
Diameter inches	Width inches	Type	Cap Each lbs	Rigid Plain, Oilite, Delrin Bearings	Roller Bearings	Approx. Weight lbs	Height Over-All inches	Width by Length inches	Bolt Holes Spacing inches	Size of Bolt Holes inches
2	7⁄8	Payron	100	761-2PS		5⁄8	2¾	1¾ x 1⅛	1 x 2¼	1⅞⁄₄
		Payflex	75	761-2OX		½				
		Payrock	100	761-2OH						
		Peejay	100	761-2PJ						
2½	1	Payron	200	761-2½PS		1½	3⅝	2¾ x 3¾	1¾ x 2⅞ -3	2⅞⁄₄
	1⅛	Payflex	110	761-2½OX		1				
		Payrock	160	761-2½OH						
3	1¼	Payron	210	761-3PS	761-3US	2	3⅞	2½ x 5	1¾ x 4	2⅞⁄₄
	1⅝	Payflex	125	761-3OX		1¼				
		Payrock	210	761-3OH						
	1¼	Plexite	210		761-3UM					
		Peejay	210	761-3PJ						
4	1⅝	Payron	375	761-4PS	761-4US	3½	5	3⅝ x 6¼	1¾ x 5	2⅝⁄₄
	1½	Payflex	200	761-4OX		2½				
		Payrock	300	761-4OX						
		Plexite	375	761-4DM	761-4UM					
		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

010-017
LIGHT DUTY

SANITARY
CASTERS

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 3/8" king pin, the 3/16" ball bearings, and the 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.

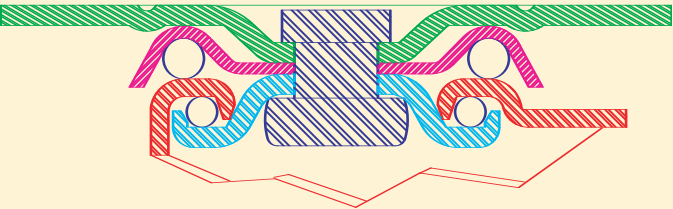
A variety of stem and plate sizes listed makes the 010 Series truly a versatile caster. An economical price results from an automated production line with the finest tooling. Payflex and Mirakush wheels afford complete floor protection, while the Payrock and Peejay add up to higher capacities and carpet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

Finishes Available:

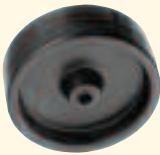
The ZP (Zinc Plated) finish is standard. Please use suffix letters to specify the proper finish.

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

Raceway Construction:



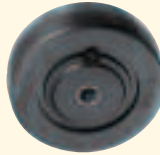
Wheels & Optional Extras:



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

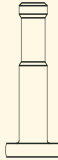


WK Brake
locks wheel, not used with
Thread Guards, nut & bolt
axle furnished

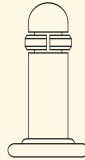
Plate & Stems:



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



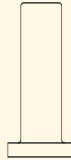
012 Grip Neck
5/16 x 1 1/2"



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:

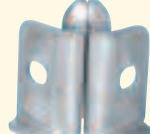


"HI" Socket
For use with "012" Stem in
wood with 3/8" I.D. hole

Use with 012 Grip Neck



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

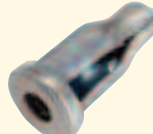


00437-PB Inside 90
Socket with 2 each .295
holes. Bolt or weld to attach.

Use with 013 Ring Ret.

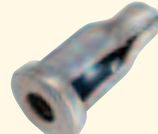


00437-PB-Outside 90
Socket with 2 each .295
holes. Bolt or weld to attach.



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

Use with 017 Plain Round



00906 - PS
Socket for 1 x 18" gauge
tubing of 7/8" 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 1/8 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 1/2	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 1/2OX	012-2 1/2OX	013-2 1/2OX	Z013-2 1/2OX	014-2 1/2OX	Z014-2 1/2OX	017-2 1/2OX
		Peejay	110		010-2 1/2PJ	012-2 1/2PJ	013-2 1/2PJ	Z013-2 1/2PJ	014-2 1/2PJ	Z014-2 1/2PJ	017-2 1/2PJ
3	7/8	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
	1 5/16	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. Over-All 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 64-71.

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.

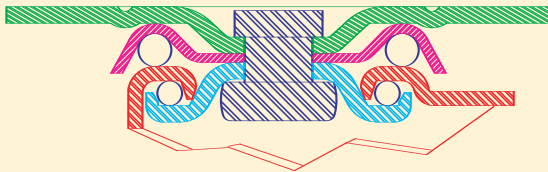
Engineering Data:

- Larger diameter raceways.
- 3/8" hydraulically upset kingpin.
- Heat treated wrap-around brackets.
- Vibratory finish means smart, bright appearance.

Standard Features/Components:

- Zinc plated.
- 5/16" shouldered nut and bolt axles for wheel replacement.
- Lock nuts for security.

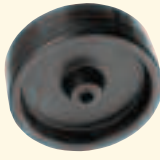
Raceway Construction:



Wheels & Optional Extras:



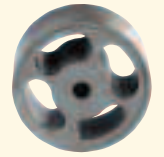
Payrock Hard Tread
rubber fibrous compound



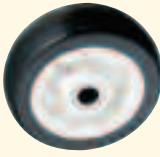
Peejay
polyolefin plastic



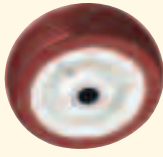
Payflex Soft Rubber
non-marking tread



Payron Semi-Steel
high tensile sintered iron



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane

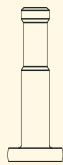


TG Thread Guards
cannot be used with WK brakes



WK Brake
locks wheel, not used with Thread Guards

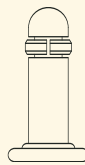
020 Swivel Stems Available:



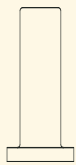
022 Grip Neck
5/16 x 1 1/2" use with "HI" Socket



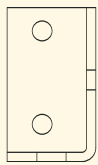
"HI" Grip Neck Socket
automatically supplied with "022" order



023 Friction Ring
7/16 x 1 7/8"; 3/8 x 1"



027 Plain Round
7/16 x 1 7/8" use with "PS" Sockets



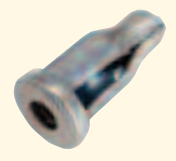
028 Angle Iron
1 x 2 1/16"



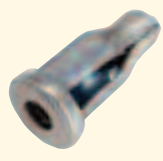
026 Octagon
3/4 x 2 1/16"



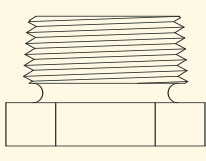
024 Threaded
5/16 - 18 x 1 1/2"
3/8 - 16 x 1 1/2"
7/16 - 14 x 1 1/2"
1/2 - 13 x 1 1/2"



"PS" Grip Ring Sockets: 000870-PS
May be ordered with 027 stem caster for use with 1" x 16 metal gauge tubing or 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 23/32" I.D.



025 Pipe Tapered Thread
3/4 NPT, 1 NPT (National Pipe Thread, Nominal Dimen.)



029 Expandable
7/8" x 1 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 3/8 - 16 x 1/2 threaded stem by replacing the 020 with 024 and adding the stem size, i.e. 024 - 40X - 3/8 - 16 x 1 1/2. No Rigid Stem Casters Available.

020 SWIVEL & 021 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Delrin Bearings	Olite Bearings	Rigid Plain, Delrin Bearings	Olite Bearings	Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
2	7⁄8	Payron	150	020-2PS		021-2PS		1	2	2 7⁄8	Width by Length: 1 3⁄4 x 3
		Payflex	90		020-20X		021-20X				
		Payrock	150		020-20H		021-20H				
		Peejay	100	020-2PJ		021-2PJ					
2 1⁄2	7⁄8	Payflex	90		020-2 1⁄2OX		021-2 1⁄2OX	3⁄4	2 1⁄2	3 3⁄8	Bolt Hole Spacing: 1 x 2 1⁄4
		Peejay	110	020-2 1⁄2PJ		021-2 1⁄2PJ					
3	1 3⁄16	Payflex	100		020-30X		021-30X	1	2 3⁄4	3 1 3⁄8	Size of Bolt Holes: 1 7⁄16
		Payrock	150		020-30H		021-30H				
	7⁄8	Peejay	125	020-3PJ		021-3PJ					
		Mirakush	125	020-3DR		021-3DR					
		Miratek	145	020-3DF		021-3DF					
4	3 1⁄2	Payflex	120		020-40X		021-40X	1 1⁄2	3 3⁄8	4 3⁄4	Width by Length: 2 1⁄2 x 3 3⁄4
		Payrock	150		020-40H		011-40H				
	1 5⁄8	Mirakush	135	020-4DR		021-4DR					
		Miratek	145	020-4DF		021-4DF					
5	3 1⁄2	Payflex	130		020-50X		021-50X	2	4 1⁄8	5 3⁄4	Bolt Hole Spacing: 1 3⁄4 x 2 7⁄8 - 3
		Payrock	150		020-50H		021-50H				
	1 5⁄8	Mirakush	145	020-5DR		021-5DR					
		Miratek	165	020-5DF		021-5DF					

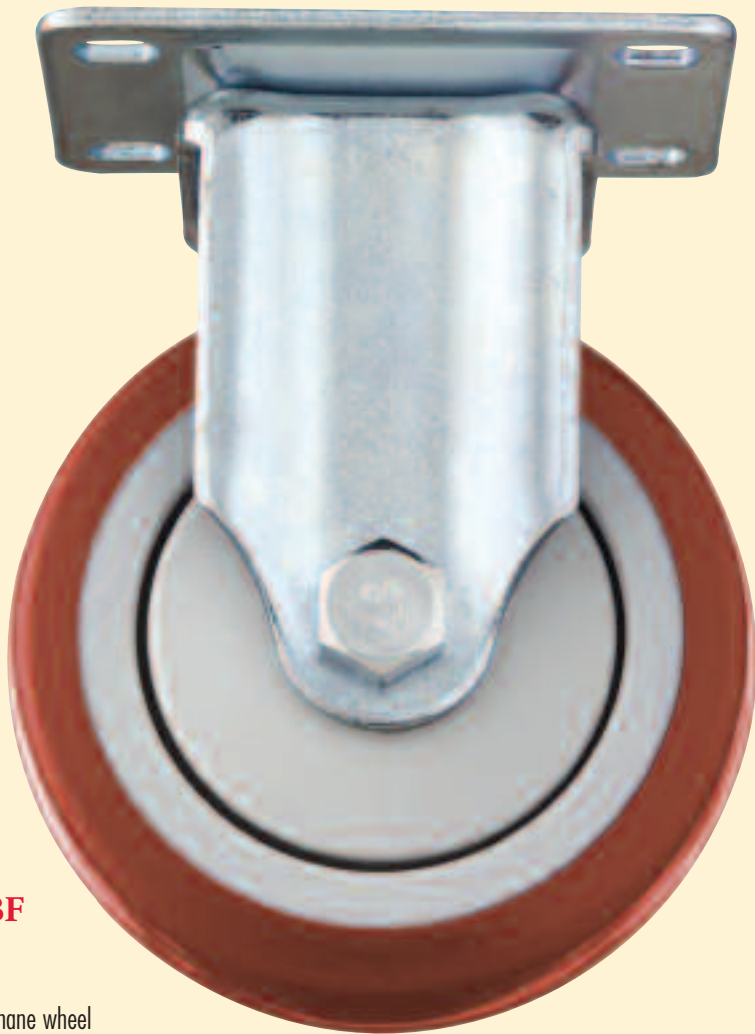
- Weights shown represent swivels, rigid casters weigh approximately 15% less.
- Large Top Plate, standard with 4" and 5" models; Is available with 2 1/2" and 3" Swivel Models.

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



X040-4BE-WK

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



X041-4BF

- 4" rigid
- Ball bearings
- Miratek polyurethane wheel

X040/X041

ECONOMY 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.

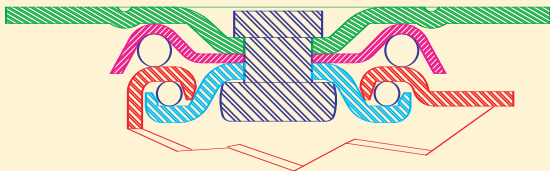
Standard Features / Components:

- Zinc plated.
- All models come with thread guards.
- 3/8" Shouldered axles.

Companion "X041" Rigid:

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

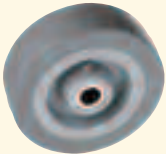
Raceway Construction:



Wheels & Optional Extras:



Miratek
95 duro. red polyurethane



Durakush
thermo-plastic elastomer



TG Thread Guards
can be used with WK brakes



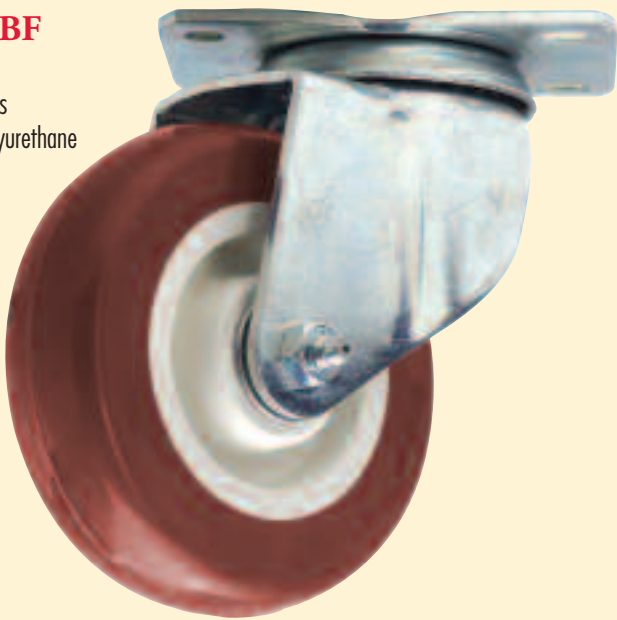
WK Brake
locks wheel

040 SWIVEL & 041 RIGID SPECIFICATIONS										
WHEEL SPECIFICATIONS				CATALOG NUMBER			Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate Over-All 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 5/16	4 1 5/16	Width by Length: 2 5/8 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 3/8	5 1/8	Bolt Hole Spacing: 1 3/4 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 7/8	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.

050-4BF

- 4" swivel
- Ball bearings
- Miratek polyurethane wheel



051-40X

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



050/051
LIGHT MEDIUM

SANITARY
CASTERS

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.

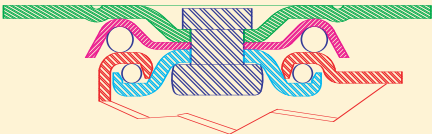
Standard Features/Components:

- 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 64-71.

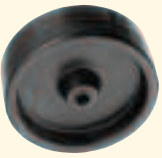
Raceway Construction:



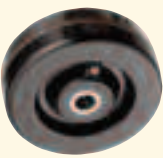
Wheels & Optional Extras:



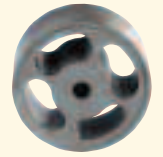
Payrock Hard Tread
rubber fibrous compound



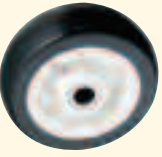
Peejay
polyolefin plastic



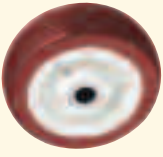
Plexite Phenolic
macerated canvas



Payron Semi-Steel
high tensile sintered iron



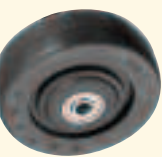
Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Payflex Soft Rubber
non-marking tread



Broncushion
60 duro. gray rubber



WS Wheel Seals
locks out foreign matter



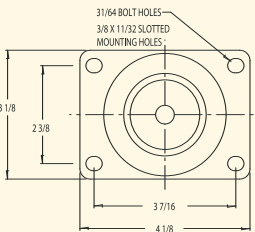
SK Brake
locks wheel & swivel simultaneously. Available: 3 1/2, 4, 5, 6" wheels only



TG Thread Guards
cannot be used with WK brakes



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

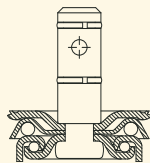


"B" Top Plate
3-5" models

050 Swivel Stems Available:



056 Octagon
3/4 x 2 1/8"
See page 79.



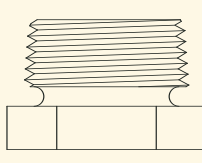
053 SK
See page 73 for available sizes.



059 Expandable
7/8" to 1 1/8"
See page 53 for available sizes.



053 Plain Round
5/8 x 2"; 3/4 x 2 1/2"
See page 65.



055 Pipe Tapered Thread
Thread: 3/4 NPT, 1 NPT
(National Pipe Thread, Nominal Dimen.) See page 69.



054 Threaded
7/16 - 14 x 1 1/2"
1/2 - 13 x 1 1/2"
5/8 - 11 x 2"
See page 67.

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.

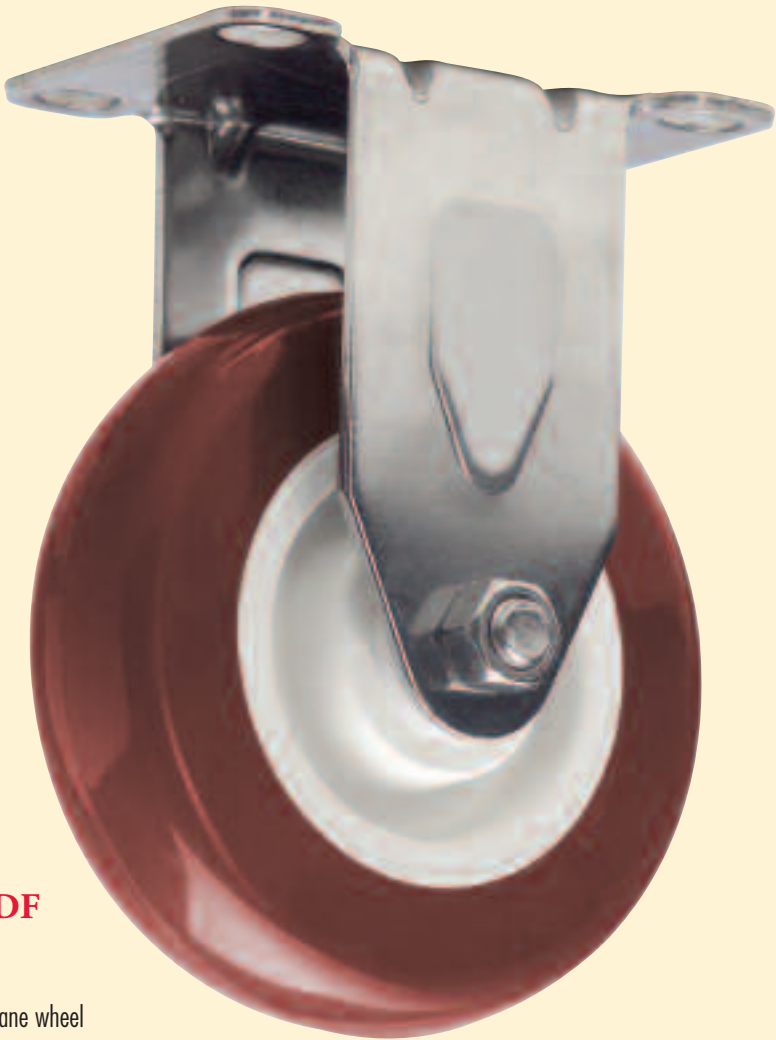
050 SWIVEL & 051 RIGID SPECIFICATIONS													
WHEEL SPECIFICATIONS				CATALOG NUMBER									
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Roller, Ball Bearings	Rigid Plain, Oilite, Delrin Bearings	Roller, Ball Bearings	Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches		
2½	1	Payron	300	050-2½PS		051-2½PS		1¾	2%	3⅞			
	1⅝	Payflex	140	050-2½OX		051-2½OX		1¾					
		Payrock	200	050-2½OH		051-2½OH		1¾					
3	1¼	Payron	300	050-3PS	050-3US	051-3PS	051-3US	2½	2⅞	4			
	1⅜	Payflex	150	050-3OX		051-3OX		1¾					
		Payrock	270	050-3OH		051-3OH							
	1¼	Plexite	300		050-3UM		051-3UM	1¾					
		Peejay	225	050-3PJ		051-3PJ							
3½	1¼	Payflex	200	050-3½OX		051-3½OX		2¼	3⅞	4¾			
		Payrock	280	050-3½OH		051-3½OH		2					
	1⅝	Mirakush	200	050-3½DR	050-3½BR	051-3½DR	051-3½BR						2
		Miratek	250	050-3½DF	050-3½BF	051-3½DF	051-3½BF						
4	1¼	Broncushion	150		050-4BN		051-4BN	2½	3⅞	5			
		Payflex	200	050-4OX		051-4OX							
		Payrock	290	050-4OH		051-4OH							
	1⅜	Plexite	300		050-4UM		051-4UM	2⅝					
		Mirakush	200	050-4DR	050-4BR	051-4DR	051-4BR						
	1⅝	Miratek	240	050-4DF	050-4BF	051-4DF	051-4BF						
Peejay		275	050-4PJ		051-4PJ		2⅝						
5	1¼	Broncushion	170		050-5BN		051-5BN	3	4⅞	6⅞			
		Payflex	200	050-5OX		051-5OX							
		Payrock	300	050-5OH		051-5OH							
	1⅜	Plexite	325		050-5UM		051-5UM	2½					
		Mirakush	200	050-5DR	050-5BR	051-5DR	051-5BR						
	1⅝	Miratek	240	050-5DF	050-5BF	051-5DF	051-5BF						
Peejay		280	050-5PJ		051-5PJ		2½						
6	1⅜	Payflex	240	050-6OX		051-6OX		3½	4⅞	7⅞			
		Payrock	320	050-6OH		051-6OH		2¾					
	1¼	Mirakush	275	050-6DR	050-6BR	051-6DR	051-6BR						2¾
		Miratek	325	050-6DF	050-6BF	051-6DF	051-6BF						

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



ST050-4DR

- 4" swivel
- Delrin bearing
- Mirakush polyurethane wheel



ST051-4DF

- 4" rigid
- Delrin bearing
- Miratek polyurethane wheel

ST050/ST051

STAINLESS LIGHT 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.

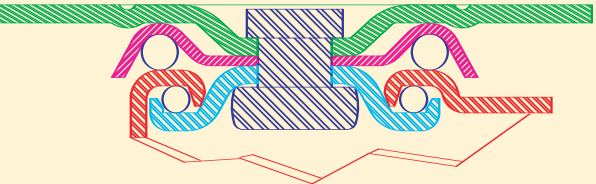
Standard Features/Components:

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

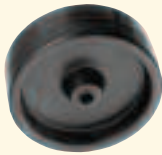
Companion "051 Stainless" Rigid:

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

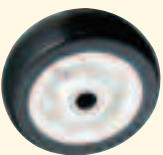
Raceway Construction:



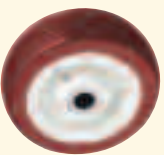
Wheels & Optional Extras:



Peejay
polyolefin plastic



Mirakush
85 duro. gray polyurethane



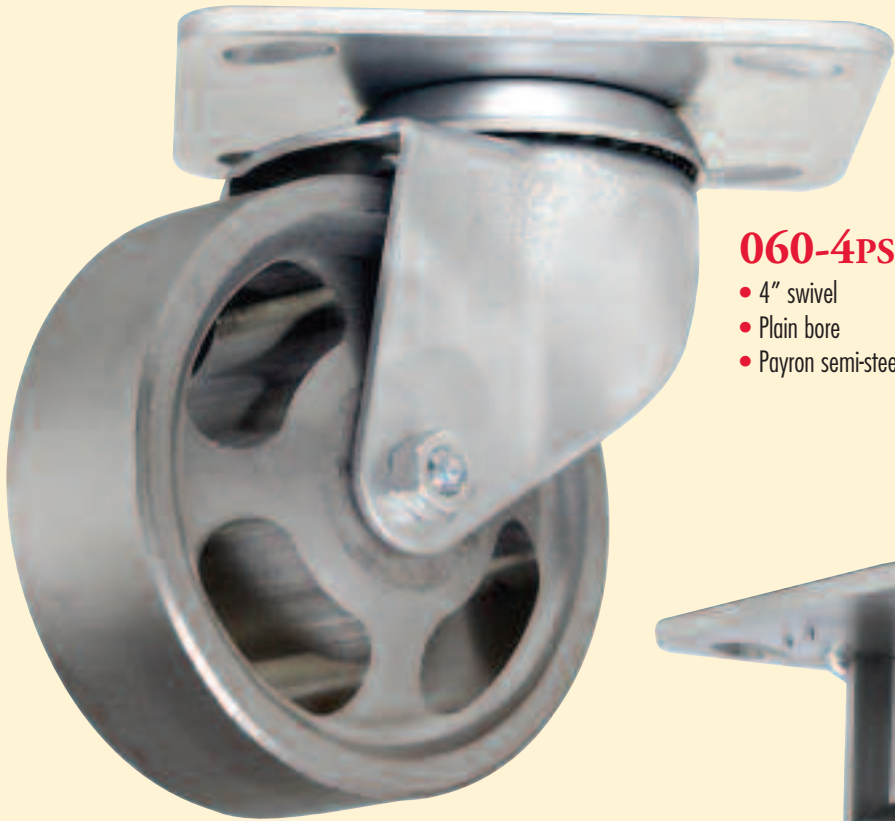
Miratek
95 duro. red polyurethane



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

ST050 SWIVEL & ST051 RIGID SPECIFICATIONS									
WHEEL SPECIFICATIONS				CATALOG NUMBER					
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Delrin Bearings	Rigid Plain, Delrin Bearings	Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
3	1¼	Peejay	225	ST050-3PJ	ST051-3PJ	1¾	3	4¼	Width by Length: 2½ x 3⅝ Bolt Hole Spacing: 1¾ x 2⅞ - 3 Size of Bolt Holes: ⅝₆
4	1¼	Mirakush	200	ST050-4DR	ST051-4DR	2⅞	3½	5⅞	
		Miratek	240	ST050-4DF	ST051-4DF				
		Peejay	275	ST050-4PJ	ST051-4PJ				
5	1¼	Mirakush	200	ST050-5DR	ST051-5DR	2½	4	6⅝₃₂	
		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.



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

LIGHT 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.

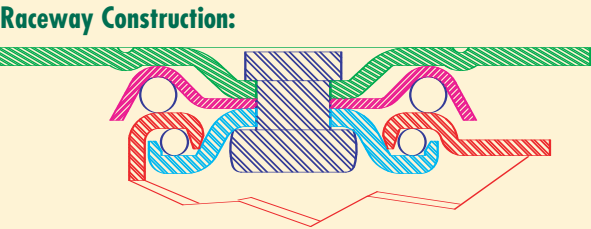
Engineering Data:

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

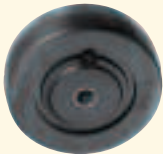
Standard Features/Components:

- Zinc plated finish.
- ¾" shoulder bolt axle.
- Roller bearing wheels have ½ x ¾ x 1 ½" spanner.

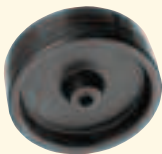
Companion "060" Rigid:
Embossed legs welded to top plate.



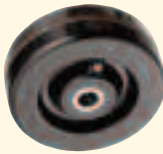
Wheels & Optional Extras:



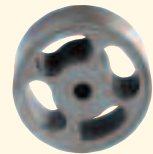
Payrock Hard Tread
rubber fibrous compound



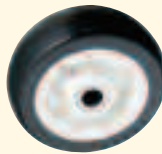
Peejay
polyolefin plastic



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

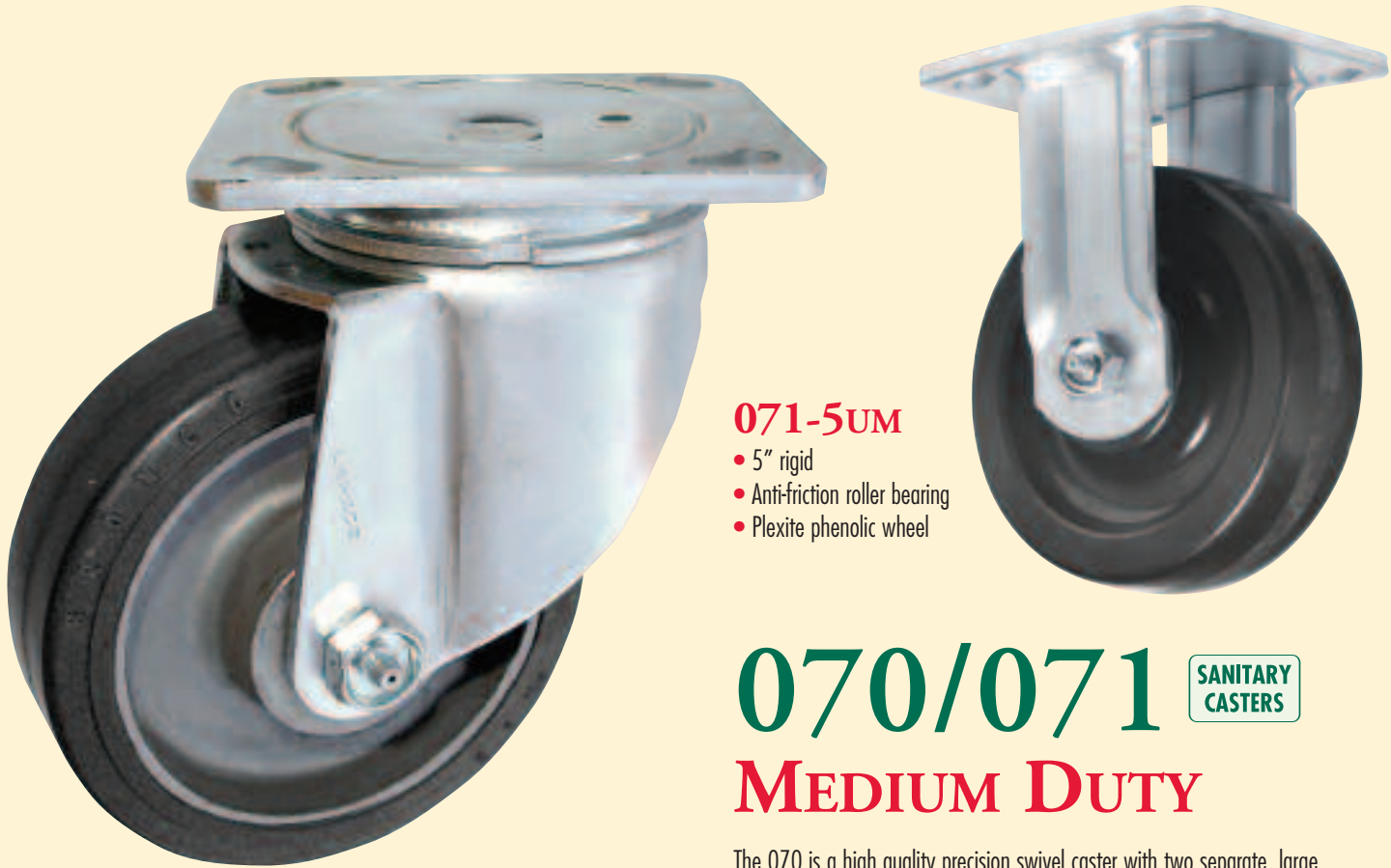


SK Brake
locks wheel & swivel simultaneously. Available: 3½, 4, 5, 6" wheels only



TG Thread Guards
cannot be used with WK brakes

060 SWIVEL & 061 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings	Roller, Ball Bearings	Rigid Plain, Oilite, Delrin Bearings	Roller, Ball Bearings	Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
3	1¼	Payron	300	060-3PS	060-3US	061-3PS	061-3US	2¾	2	2⅞	4⅞
	1⅝	Payflex	150	060-3OX		061-3OX					
		Payrock	270	060-3OH		061-3OH					
		Plexite	300		060-3UM		061-3UM				
	1¼	Peejay	225	060-3PJ		061-3PJ					
3½	1¼	Payflex	200	060-3½OX		061-3½OX		2½	3⅝	4⅞	Width by Length: 3¾ x 4⅝ Bolt Hole Spacing: 2⅝ x 3⅝ slotted to 3 x 3
		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	
	1¼	Payflex	200	060-4OX		061-4OX		2¾			
		Payrock	290	060-4OH		061-4OH					
	1⅝	Plexite	375		060-4UM		061-4UM	2⅝			
	1⅝	Mirakush	200	060-4DR	060-4BR	061-4DR	061-4BR				
		Miratek	240	060-4DF	060-4BF	061-4DF	061-4BF				
	1¼	Peejay	275	060-4PJ		061-4PJ					
5	1½	Payflex	220	060-5OX		061-5OX		3⅝	4⅞	6⅞	
		Payrock	310	060-5OH		061-5OH					
	1⅝	Plexite	350		060-5UM		061-5UM	2¾			
	1⅝	Mirakush	200	060-5DR	060-5BR	061-5DR	061-5BR				
		Miratek	240	060-5DF	060-5BF	061-5DF	061-5BF				
	1¼	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				



071-5UM

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

070/071 SANITARY CASTERS
MEDIUM DUTY

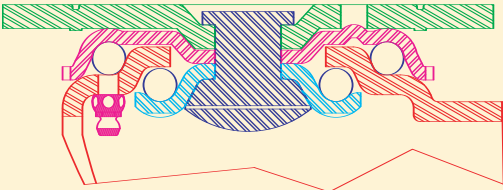
The 070 is a high quality precision swivel caster with two separate, large diameter ball bearing raceways. Construction is of heavy gauge cold-rolled steel, embossed for additional strength and style.

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.
 - 5/8" hydraulically upset kingpin.
 - .149 bottom cup.
 - Case hardened.

- Standard Features/Components:**
- Zinc plated finish.
 - Lubrication fittings for swivel and wheel.
 - 1/2" axles for 5 & 6" models.
 - 3/8" axles for 4" models.
 - 5/8 x 1/2 x 2" hardened spanners for 5 & 6" models.
 - 1/2 x 3/8 x 1 13/16" hardened spanners for 4" models.

Raceway Construction:



070-5UV

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

070 Swivel Stems:

073 Round Stem
3/4 x 2 1/2"
See page 65.

074 Threaded
3/4 - 10 x 2 1/2"
5/8 - 11 x 2" option
See page 67.

076 Octagon
3/4 x 2 1/4"
See page 71.

075 Pipe Tapered Thread
1/4 NPT, 1 NPT
(National Pipe Thread, Nominal Dimen.) See page 69.

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

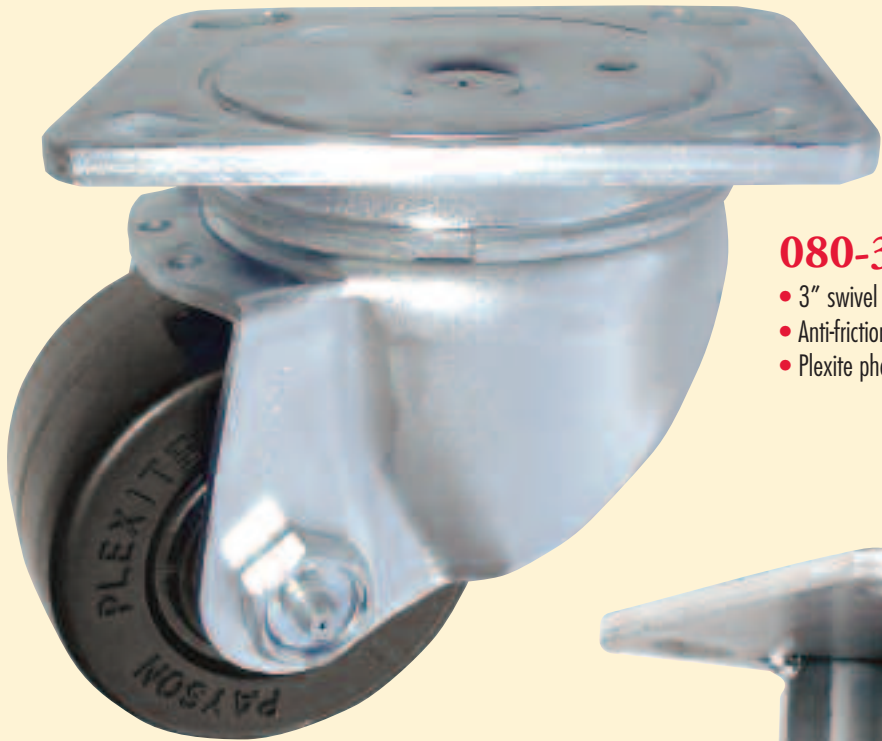
WS Wheel Seals
locks out foreign matter

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							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings		Rigid Plain, Oilite, Delrin Bearings		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
4	1 3/8	Payron	600	070-4PS	070-4US	071-4PS	071-4US	4 3/4	3 1/16	5 1/4	Width by Length: 3 3/4 x 4 5/8
	1 1/2	Payflex	250	070-40X		071-40X		3 3/4			
		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	5 3/4	4 5/16	6 5/16	Bolt Hole Spacing: 2 5/8 x 3 5/8 slotted to 3 x 3 Size of Bolt Holes: 2 5/16
		Payflex	270	070-50X		071-50X		4 1/2			
		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 7/16	
		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)



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
MEDIUM HEAVY

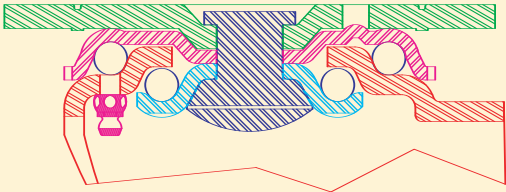
SANITARY
CASTERS

The 080 has been especially designed to carry heavy loads in which a low over-all 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:



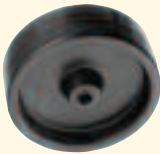
Standard Engineering Data:

- .225 top plate.
- 5/16" hydraulically upset kingpin.
- One-piece .149 wrap-around bracket staked to .165 top cup.
- .149 bottom cup.
- Case hardened.
- 1/2" axle.
- Zinc plated.
- Lubrication fittings.

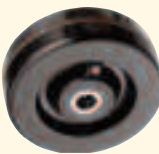
Companion "081" Rigid:

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

Wheels & Optional Extras:



Peejay
polyolefin plastic



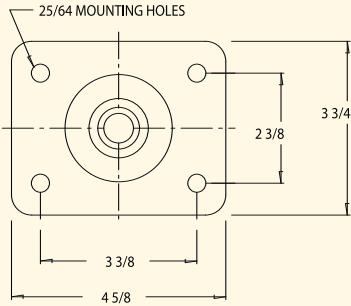
Plexite Phenolic
macerated canvas



Paythane
solid polyurethane



WS Wheel Seals
locks out foreign matter



"B" Top Plate
Suffix-B



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

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

L080 LIGHT DUTY SPECIFICATIONS										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel	Rigid				Standard, 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

Wheels & Optional Extras:



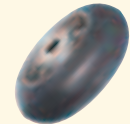
Peejay
polyolefin plastic



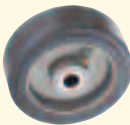
Plexite Phenolic
macerated canvas



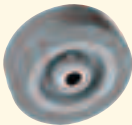
Payvulc
mold-on rubber



Broncushion
60 duro. rubber



Bronco Mold-On
rubber bonded to
aluminum center



Durakush
thermo-plastic
elastomer



Payrock Hard Tread
rubber fibrous
compound



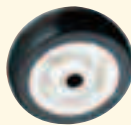
Payflex Soft
Rubber
non-marking tread



Payron Semi-Steel
high tensile
sintered iron



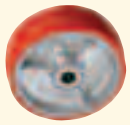
Miratuff
95 duro. red
polyurethane



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

190/191
MEDIUM HEAVY
DUTY ECONOMY

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

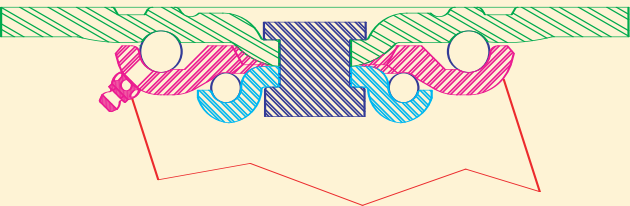
Applications:

Refuse containers, industrial carts, platform trucks, etc.

Engineering Data:

- ¼" balls for lower raceway.
- 5/16" load balls.
- ¼" cold-forged top plate.
- ¼" upper and lower raceways.
- 5/16" integral kingpin.

Raceway Construction:



190 SWIVEL & 191 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
				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	6½	5	3½	5%
		Payflex	300	190-40X		191-40X					
		Payrock	300	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	6			
5	2	Payron	700	190-50S	190-5US	191-50S	191-5US	7½	5½	4%	6½
		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	6½			
6	2	Payron	850	190-60S	190-6US	191-60S	191-6US	9	7	4¾	7½
		Payflex	400	190-60X		191-60X					
		Payrock	510	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	8¼			
		Broncushion	350	190-6BN	190-6UN	191-6BN	191-6UN	7			
		V-Groove	850		190-6USG		191-6USG				
		8	2	Payron	1050	190-80S	190-8US	191-80S			
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	11			
Broncushion	450			190-8BN	190-8UN	191-8BN	191-8UN				
V-Groove	1050				190-8USG		191-8USG	12½			

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



ST190-6DK

- 6" swivel
- Delrin bearing
- Mirakush polyurethane wheel



ST191-8DM

- 8" rigid
- Delrin bearing
- Plexite phenolic wheel

ST190/ST191

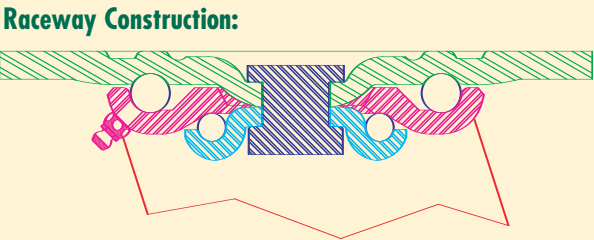
MEDIUM HEAVY STAINLESS

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.

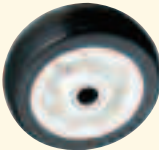
Companion 191 Stainless Rigid:
Solid construction, embossed legs for extra strength.



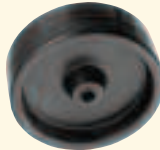
Wheels & Optional Extras:



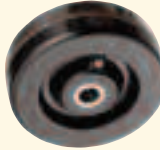
Miratek
95 duro. red polyurethane



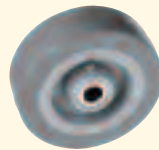
Mirakush
85 duro. gray polyurethane



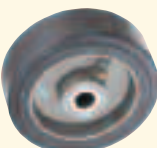
Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Durakush
thermo-plastic elastomer



Bronco Mold-On
rubber bonded to aluminum center



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

ST190 SWIVEL & DT191 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain BearingsDelrin Bearings		Rigid Plain BearingsDelrin Bearings		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
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 / ₁₆
		Miratek	300		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 ³ / 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 / ₃₂	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

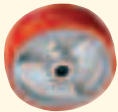
- 6" rigid
- Anti-friction roller bearings
- Plexite phenolic wheel
- Standard top plate



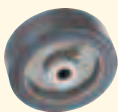
200-6UT

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

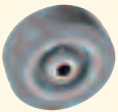
Wheels & Optional Extras:



Paythane
polyurethane bonded to a metal center



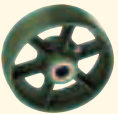
Bronco Mold-On
rubber bonded to aluminum center



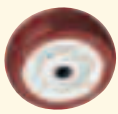
Durakush
thermo-plastic elastomer



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



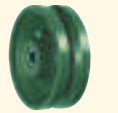
Peejay
polyolefin plastic



Plexite Phenolic
macerated canvas



Payvulc
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



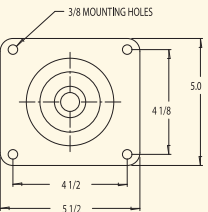
WS Wheel Seals
locks out foreign matter



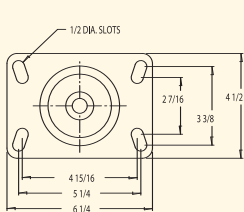
SL 4-Position Swivel Lock
plunger engages at 90° angles



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



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.
- 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.
- 1/2" nut and bolt axles.
- 3/4 x 1/2 x 2 5/16" hardened spanners.

Raceway Construction:



200 SWIVEL & 201 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER				Approx. Weight lbs	Swivel Radius inches	Height Over-All 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	5	3%	5%
		Payflex	300	200-40X		201-40X					
		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	700		200-4UL		201-4UL	6			
		Peejay	450	200-4PJ	200-4UJ	201-4PJ	201-4UJ	4¼			
		Payvulc	350		200-4UP		201-4UP	6½			
5	2	Payron	900	200-50S	200-5US	201-50S	201-5US	7½	5½	4⅝	6½
		Payflex	330	200-50X		201-50X					
		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	7	4⅞	7½
		Payflex	400	200-60X		201-60X					
		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	8½	6⅜	9½
		Durakush	450	200-8BE	200-8UE	201-8BE	201-8UE				
		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	9			
		V-Groove	1200		200-8USG		201-8USG	12			
		Peejay	750	200-8PJ	200-8UT	201-8PJ	201-8UJ	7			

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

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



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.

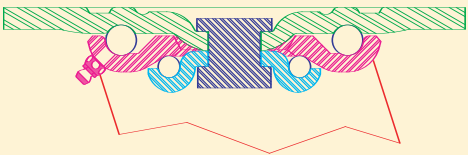
Applications:
For equipment in the range of 1500 to 5000 lbs. Large wheel selection allows for a variety of general applications. Especially suited for rugged conditions.

- Engineering Data:**
- ¾" hydraulically upset kingpin.
 - ⅝" thick cold-forged top plate.
 - ¼" cold-forged top cup with ⅝" balls.
 - .194 embossed legs welded to top cup.
 - All parts case hardened.

- Standard Features/Components:**
- Zinc plated finish.
 - Lubrication fittings for swivel and wheel.
 - ½" nut and bolt axles.
 - ¾ x ½ x 2⅝" hardened spanners.

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

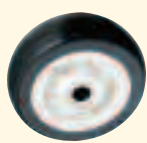
Raceway Construction:



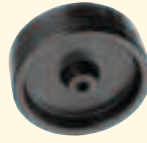
Wheels & Optional Extras:



Miratek
95 duro. red polyurethane



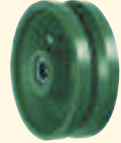
Mirakush
85 duro. gray polyurethane



Peejay
polyolefin plastic



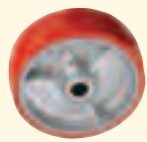
Payron Semi-Steel
high tensile sintered iron



V-groove
machine grooved steel



Plexite Phenolic
macerated canvas



Paythane
polyurethane bonded to a metal center



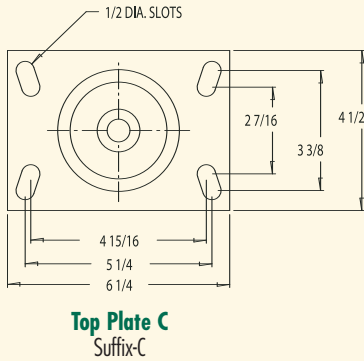
WS Wheel Seals
locks out foreign matter



TG Thread Guards
cannot be used with WK brakes

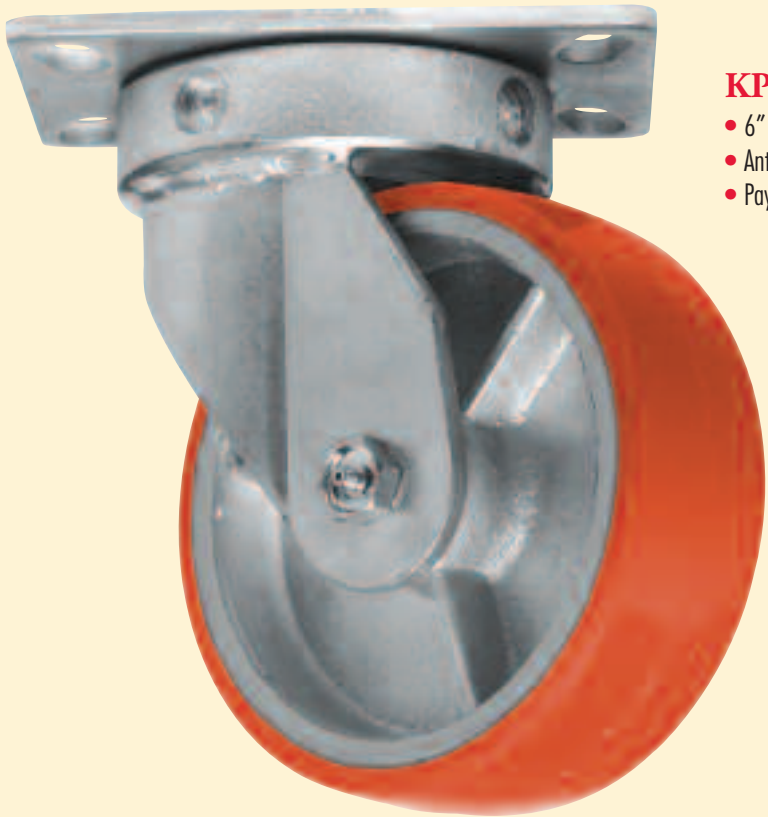


WK Brake
locks wheel, not used with Thread Guards



290 SWIVEL & 291 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite, Delrin Bearings		Rigid Plain, Oilite, Delrin Bearings		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
4	2	Payron	850	290-40S	290-4US	291-40S	291-4US	7	5½	3¾	5⅝
		Plexite	900	290-4DM	290-4UM	291-4DM	291-4UM				
		Miratek	500	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	6	4¼	6½
		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	9½	7½	5	7½
		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	9	6⅞	9½
		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 king pins, 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.

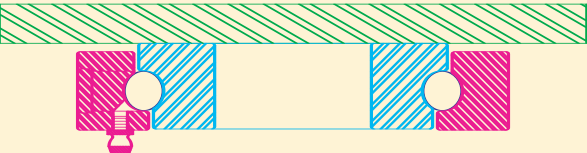
Applications:

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:

- 3/8" hot forged steel top plate.
- 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:



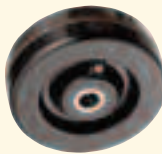
KP291-6UM

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

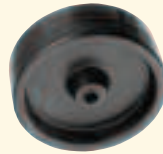
Wheels & Optional Extras:



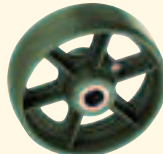
Miratek
95 duro. red polyurethane



Plexite Phenolic
macerated canvas backing



Peejay
polyolefin plastic



Payron Semi-Steel
high tensile sintered iron



V-groove
machine grooved steel



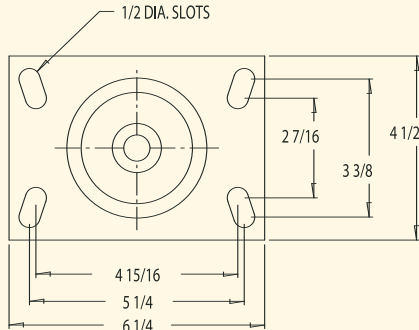
Paythane
polyurethane bonded to a metal center



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



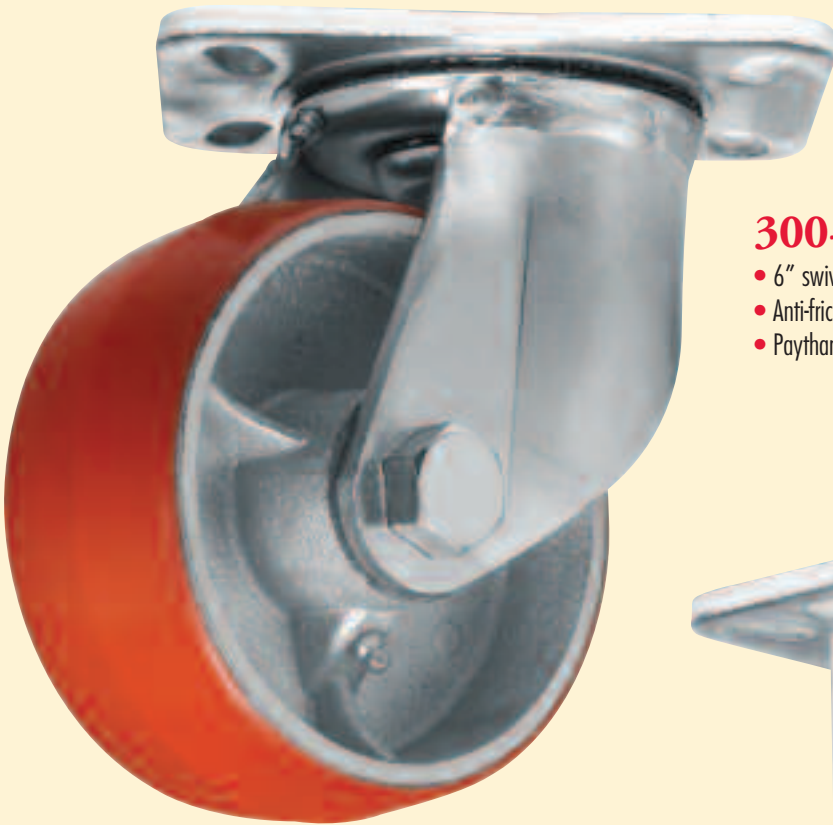
WS Wheel Seals
locks out foreign matter



Top Plate C
Suffix-C

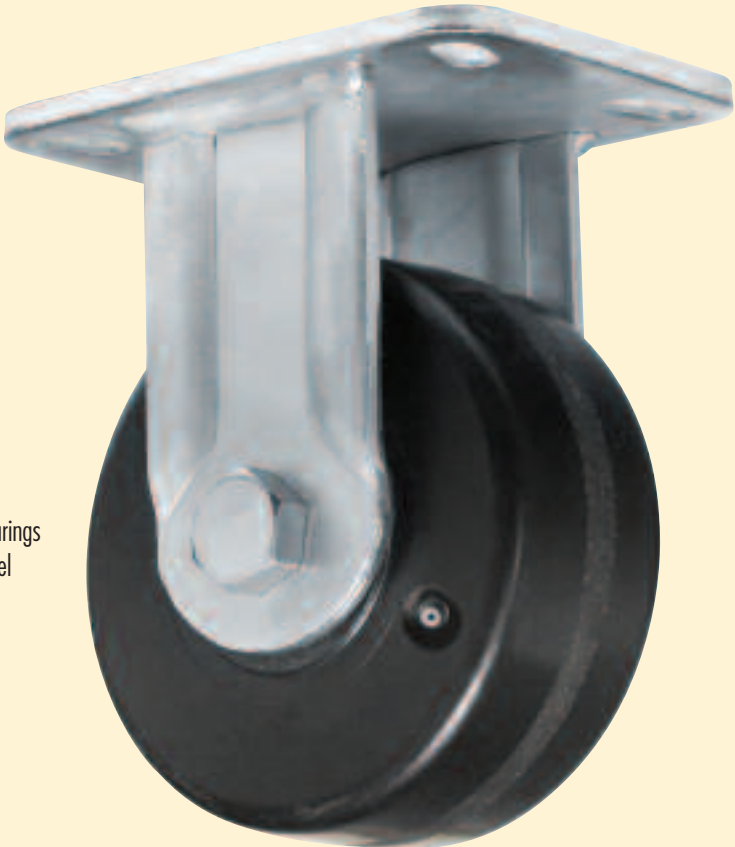
KP290 SWIVEL & KP291 RIGID SPECIFICATIONS												
WHEEL SPECIFICATIONS				CATALOG NUMBER								
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Oilite Bearings		Rigid Plain, Oilite Bearings		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches	
4	2	Payron	850	KP290-4OS	KP290-4US	KP291-4OS	KP291-4US	6½	3%	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		KP291-4UV	6				
		Peejay	550	KP290-4PJ	KP290-4UJ	KP291-4PJ	KP291-4UJ	4¼				
5	2	Payron	1050	KP290-5OS	KP290-5US	KP291-5OS	KP291-5US	7½	4%	6½		Bolt Hole Spacing: 2⅝ x 3% slotted to 3 x 3"
		Plexite	1000		KP290-5UM		KP291-5UM	5½				
		Miratek	700		KP290-5UT		KP291-5UT	7				
		Paythane	1000		KP290-5UL		KP291-5UV	7				
		Peejay	650	KP290-5PJ	KP290-5UJ	KP291-5PJ	KP291-5UJ	4½				
6	2	Payron	1100	KP290-6OS	KP290-6US	291-6OS	KP291-6US	9	4¾	7½	Size of Bolt Holes: ¾	
		Plexite	1050		KP290-6UM		KP291-6UM	7				
		Miratek	820		KP290-6UT		KP291-6UT	7				
		Paythane	1100		KP290-6UL		KP291-6UV	6				
		Peejay	1200	KP290-6PJ	KP290-6UL	KP291-6PJ	KP291-6UJ	6				
		V-Groove	1100		KP290-6USG		KP291-6USG	11				
8	2	Payron	1200	KP290-8OS	KP290-8US	KP291-8OS	KP291-8US	12½	5%	9½		
		Plexite	1200		KP290-8UM		KP291-8UM	8½				
		Miratek	1000		KP290-8UT		KP291-8UT	8½				
		Paythane	1200		KP290-8UL		KP291-8UV	8½				
		Peejay	1000	KP290-8PJ	KP290-8UJ	KP291-8PJ	KP291-8UJ	7				
		V-Groove	1200		KP290-8USG		KP291-8USG	13½				

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



300-6UL

- 6" swivel
- Anti-friction roller bearings
- Paythane 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:

- 5/16" cold-forged top plate.
- 1/4" legs welded to 1/4" top cup with 7/16" balls.
- 1/4" bottom cup with 5/16" balls.
- Hydraulically upset kingpin.

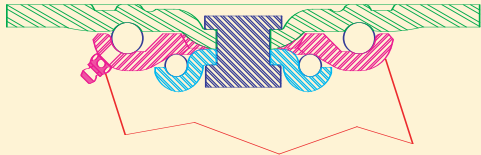
Standard Features/Components:

- Zinc plated finish.
- Lubrication fittings for swivel and wheel.
- 3/4" nut and bolt axles.
- 1 x 3/4 x 2 13/16" hardened spanners.

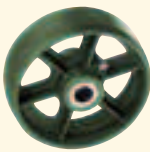
Companion 301 Rigid:

1/4" embossed legs welded to a 5/16" top plate.

Raceway Construction:



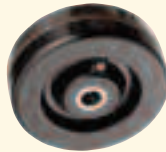
Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



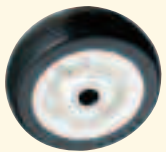
Payductile Steel
cast high tensile ductile iron



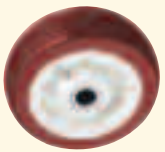
Plexite Phenolic
macerated canvas



Payvulc
mold-on rubber



Mirakush
85 duro. gray polyurethane



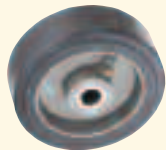
Miratek
95 duro. red polyurethane



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

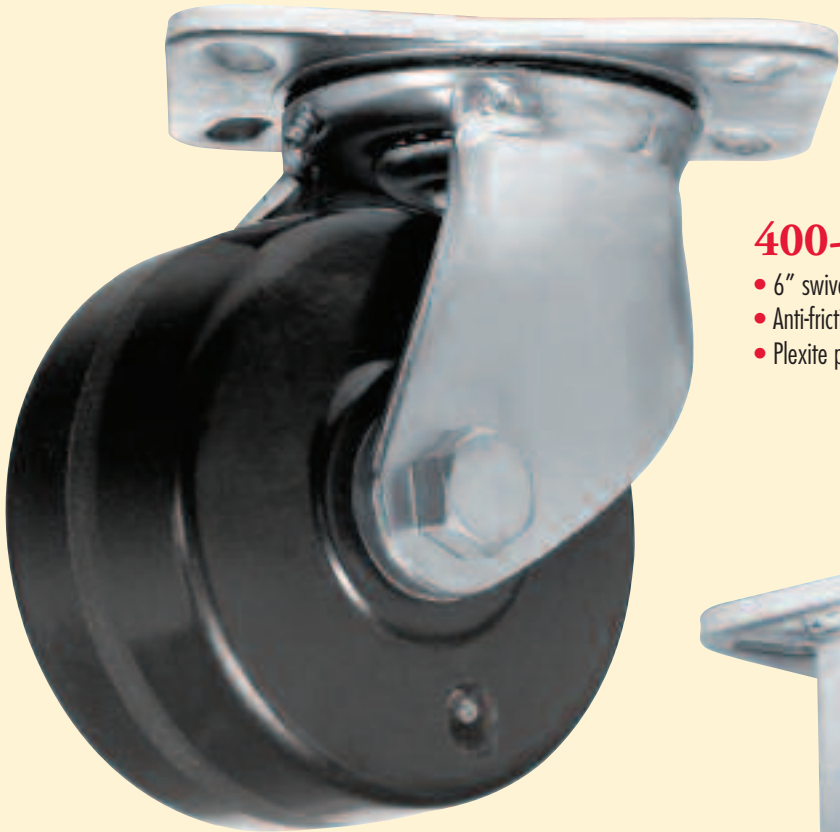


SL 4-Position
Swivel Lock
plunger engages at 90° angles

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 Over-All inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	2½	Payron	1500	300-6US		301-6US		17	5⅛	7¾	Width by Length: 4¾ x 6⅝
		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 4¹⁵⁄₁₆ slotted to 3⅝ x 5¼
		Payductile	1850	300-8UD		301-8UD		15			
		Bronco	700	300-8UV	300-8TV	301-8UV	301-8TV				
		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		27			
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					

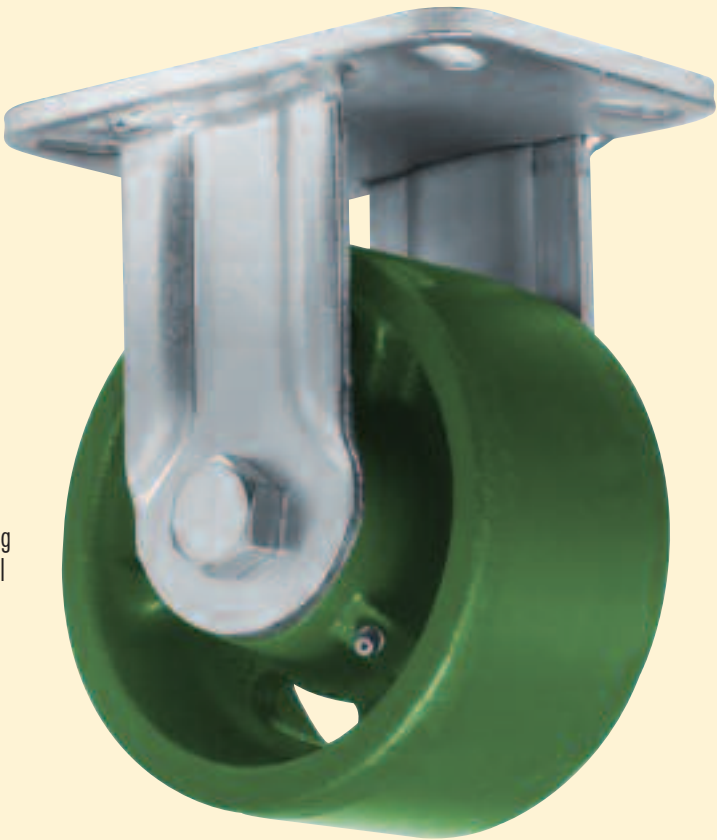
• Weights shown represent swivels; Rigid casters weigh approximately 15% less.

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



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 sever 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 units drawn occasionally by power. Will withstand punishing and continuous service, including severe shock loads.

Engineering Data:

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

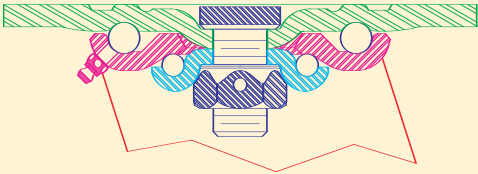
Standard Features/Components:

- Zinc plated vibratory finish.
- Lubrication fittings for swivel and wheel.
- 3/4" nut and bolt axles.
- 1 x 3/4 x 3 3/8" hardened spanners.

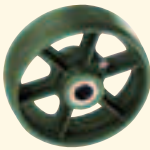
Companion 401 Rigid:

1/4" embossed legs welded to a 5/16" top plate.

Raceway Construction:



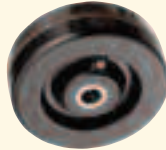
Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



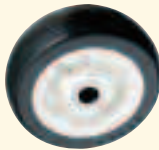
Payductile Steel
cast high tensile ductile iron



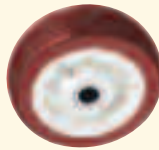
Plexite Phenolic
macerated canvas



Full Pneumatic
air inflated wheel



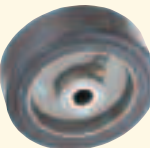
Mirakush
85 duro. gray polyurethane



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



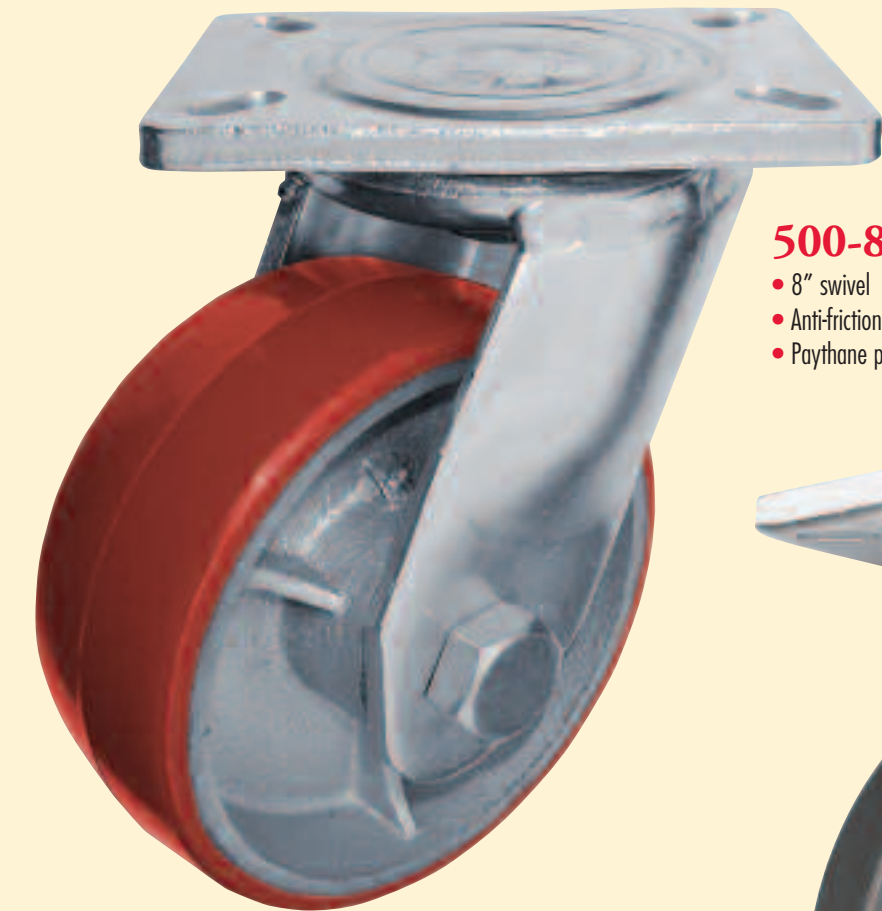
WB Brake
shoe locks wheel



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

400 SWIVEL & 401 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	3	Payron	1850	400-6US		401-6US		22	4 7/8	7 3/4	Width by Length: 4 3/4 x 6 5/8 Bolt Hole Spacing: 2 7/16 x 4 15/16 slotted to 3 3/8 x 5 1/4 Size of Bolt Holes: 33/64
		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 7/8	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 7/8	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, and offers 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.

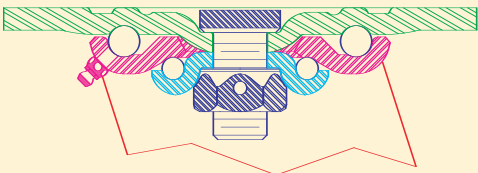
Standard Features/Components:

- Zinc plated finish.
- 1" axle.
- 1 ¼ x 1 x 3 ¾" hardened spanners.
- Grease fittings in swivel and wheel.

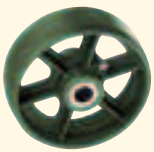
Companion 501 Rigid:

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

Raceway Construction:



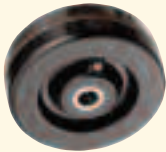
Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



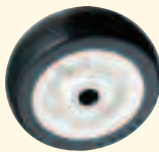
Payductile Steel
cast high tensile ductile iron



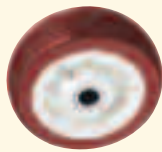
Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



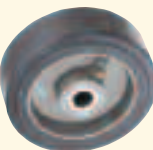
Mirakush
85 duro. gray polyurethane



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							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Plain, Roller Bearings		Rigid Plain, Roller Bearings		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
					Timken Bearings		Timken Bearings				
6	3	Payron	2500	500-6US	500-6TS	501-6US	501-6TS	30½	5¼	8¼	Width by Length: 5½ x 7½ Bolt Hole Spacing: 3¾ x 5¼ slotted to 4¼ x 6½ Size of Bolt Holes: 33/64
		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				
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	7⅝	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)



500-8UM

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



KP501-8UV

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

KP500/KP501

HEAVY DUTY KINGPINLESS

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 14,000 lbs.

Engineering Data:

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

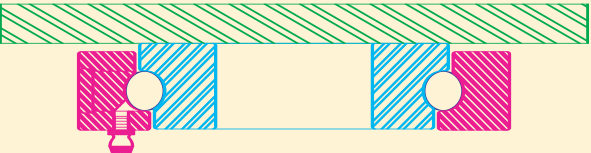
Standard Features/Components:

- Zinc plated finish.
- Optional powdercoat finish 1" axle.
- 1¼" x 1 x 3⅜" hardened spanner.
- Grease fittings in raceway and wheel.

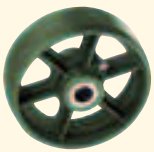
Companion 501 Rigid:

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

Raceway Construction:



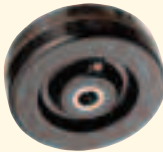
Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



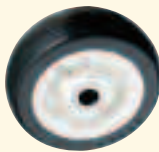
Payductile Steel
cast high tensile ductile iron



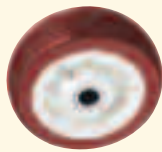
Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



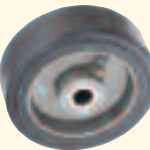
Mirakush
85 duro. gray polyurethane



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



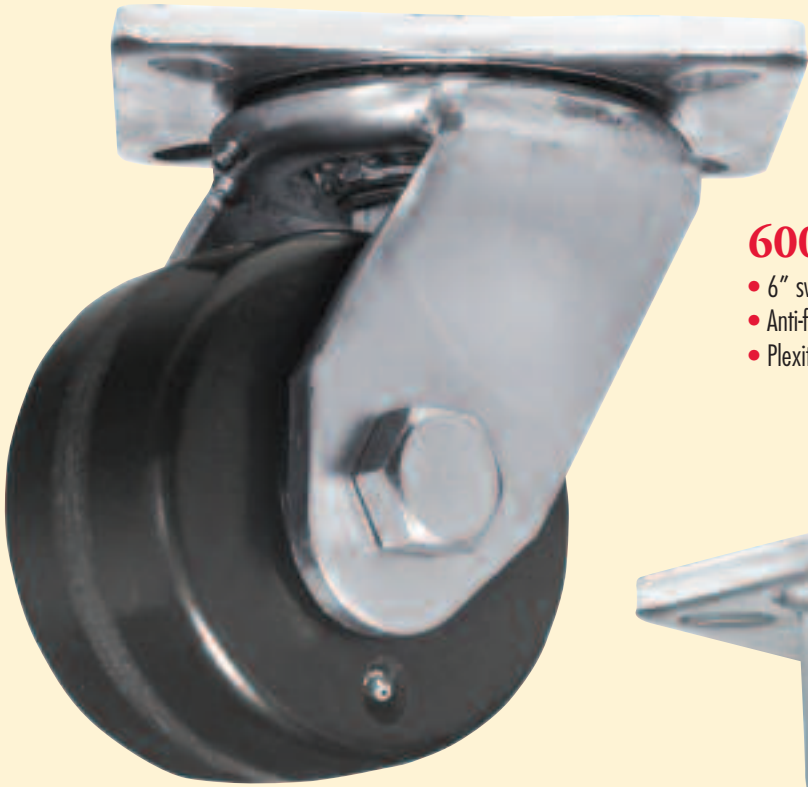
WB Brake
shoe locks wheel



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

KP500 SWIVEL & KP501 RIGID SPECIFICATIONS												
WHEEL SPECIFICATIONS				CATALOG NUMBER								
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches	
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings					
6	3	Payron	2500	KP500-6US	KP500-6TS	KP501-6US	KP501-6TS	30½	5⅝	8½	Width by Length: 5½ x 7½	
		Payductile	3000	KP500-6UD	KP500-6TD	KP501-6UD	KP501-6TD	34½				
		Plexite	2200	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	3000	KP500-8UL	KP500-8TL	KP501-8UL	KP501-8TL	35½				
		Bronco	840	KP500-8UV	KP500-8TV	KP501-8UV	KP501-8TV	23½				
		Paythane	2500	KP500-8UL	KP500-8TL	KP501-8UL	KP501-8TL					
		Plexite	2500	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	3000	KP500-8UDG	KP500-8TDG	KP501-8UDG	KP501-8TDG	26				
10	3	Payron	2700	KP500-10US	KP500-10TS	KP501-10US	KP501-10TS	37	7⅝	12½	Bolt Hole Spacing: 3⅝ x 5¼ slotted to 4⅝ x 6⅝	
		Payductile	3100	KP500-10UD	KP500-10TD	KP501-10UD	KP501-10TD	45				
		Bronco	1000	KP500-10UV	KP500-10TV	KP501-10UV	KP501-10TV	27				
		Paythane	2700	KP500-10UL	KP500-10TL	KP501-10UL	KP501-10TL					
		Plexite	2700	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					
1	3	Payron	2900	KP500-12US	KP500-12TS	KP501-12US	KP501-12TS	43	9⅝	14¾		Size of Bolt Holes: 3¾
		Bronco	1140	KP500-12UV	KP500-12TV	KP501-12UV	KP501-12TV	32				
		Paythane	3000	KP500-12UL	KP500-12TL	KP501-12UL	KP501-12TL					
		Plexite	2900	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.



600-6UM

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



601-6TD

- 6" rigid
- Tapered roller bearing
- Payductile cast iron wheel

600/601
HEAVY TIMKEN

The 600 is the ultimate in super heavy duty caster design. The watch-like swivel construction is incomparable. Each cold-forged steel component part is heat-treated for the most severe operating conditions imaginable. The word “indestructible” was meant for this series.

Applications:

For the most severe applications with capacities up to 14,000 pounds. Originally designed for the mobile home industry, the 600 is also ideal for the heaviest manually operated loads and power-driven equipment.

Engineering Data:

- ½" coined embossed cold-forged top plate.
- 1½" king bolt, welded in place.
- Thrust load carried by 1¼" timken roller bearing.
- 4" load bearing raceway with ½" balls.
- ¾" legs welded on both sides to the yoke base.

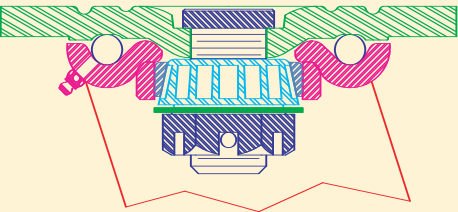
Standard Features/Components:

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

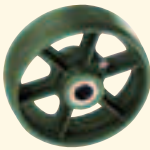
Companion 601 Rigid:

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

Raceway Construction:



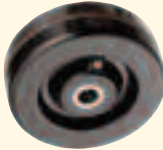
Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



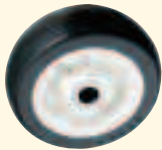
Payductile Steel
cast high tensile ductile iron



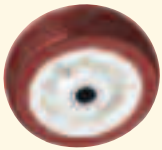
Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



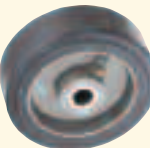
Mirakush
85 duro. gray polyurethane



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

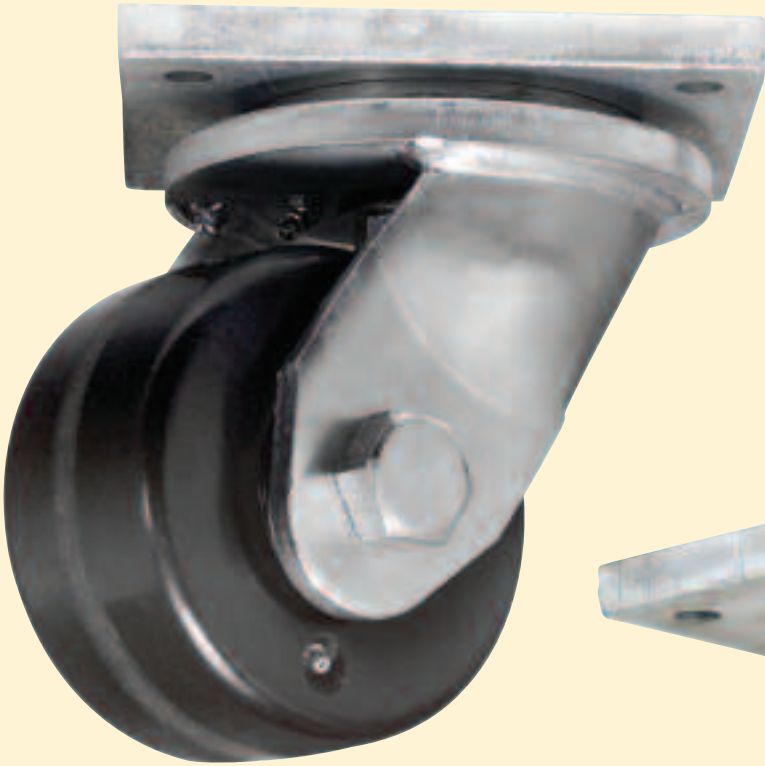


WB Brake
shoe locks wheel



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

600 SWIVEL & 601 RIGID SPECIFICATIONS												
WHEEL SPECIFICATIONS				CATALOG NUMBER								
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches	
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings					
6	3	Payron	2600	600-6US	600-6TS	601-6US	601-6TS	32	5¼	8¼	Width by Length: 5½ x 7½	
		Payductile	3500	600-6UD	600-6TD	601-6UD	601-6TD	36				
		Plexite	2500	600-6UM	600-6TM	601-6UM	601-6TM	21½				
		Mirakush	1200	600-6UK	600-6TK	601-6UK	601-6TK					
		Miratek	2500	600-6UT	600-6TT	601-6UT	601-6TT					
8	2½	V-Groove	3000	600-8UDG	600-8TDG	601-8UDG	601-8TDG	34½	6½	10¼		Bolt Hole Spacing: 3¾ x 5¼" slotted to 4¼ x 6½
	3	Payron	2900	600-8US	600-8TS	601-8US	601-8TS	37				
		Payductile	3500	600-8UD	600-8TD	601-8UD	601-8TD					
		Bronco	840	600-8UV	600-8TV	601-8UV	601-8TV					
		Paythane	2800	600-8UL	600-8TL	601-8UL	601-8TL	25				
		Plexite	2800	600-8UM	600-8TM	601-8UM	601-8TM					
		Mirakush	1360	600-8UK	600-8TK	601-8UK	601-8TK					
Miratek	2800	600-8UT	600-8TT	601-8UT	601-8TT	26						
10	3	Payron	3000	600-10US	600-10TS	601-10US	601-10TS	38½	7⅝	12¼	Size of Bolt Holes: 3¾/4	
		Payductile	3600	600-10UD	600-10TD	601-10UD	601-10TD	46½				
		Bronco	1000	600-10UV	600-10TV	601-10UV	601-10TV	30				
		Paythane	3000	600-10UL	600-10TL	601-10UL	601-10TL					
		Plexite	3000	600-10UM	600-10TM	601-10UM	601-10TM					
		Mirakush	1700	600-10UK	600-10TK	601-10UK	601-10TK					
		Miratek	2900	600-10TT	600-10TT	601-10OUT	601-10TT					
12	3	Payron	3300	600-12US	600-12TS	601-12US	601-12TS	44½	8¾	14½		
		Bronco	1140	600-12UV	600-12TV	601-12UV	601-12TV	33½				
		Paythane	3200	600-12UL	600-12TL	601-12UL	601-12TL					
		Plexite	3200	600-12UM	600-12TM	601-12UM	601-12TM					
		Mirakush	1900	600-12UK	600-12TK	601-12UK	601-12TK					
		Miratek	3000	600-12UT	600-12TT	601-12UT	601-12TT					



700-6UM

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



701-6UT

- 6" rigid
- Anti-friction roller bearing
- Miratek polyurethane wheel

700/701
HEAVIER TIMKEN

The 700 will carry loads up to 7,500 lbs. per caster. Constructed to withstand severe abuse.

Engineering Data:

- 5/8" steel top plate.
- 1 1/4" welded king bolt.
- 1 1/4" Timken thrust (bottom) raceway.
- 5" upper Timken raceway.
- 3/8" embossed legs welded inside and out to support base.

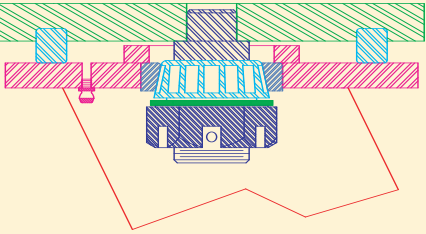
Standard Features/Components:

- Zinc plated finish.
- 1" axle.
- 1 1/4 x 1 x 3 3/8" hardened spanners.
- Grease fittings in swivel and wheel.
- Companion rigid.

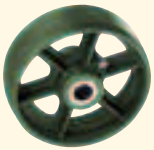
Companion "701" Rigid:

3/8" embossed legs welded to a 5/8" top plate.

Raceway Construction:



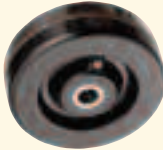
Wheels & Optional Extras:



Payron Semi-Steel
high tensile sintered iron



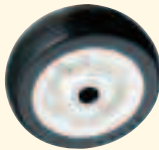
Payductile Steel
cast high tensile ductile iron



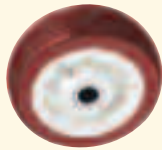
Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



Mirakush
85 duro. gray polyurethane



Miratek
95 duro. red polyurethane



Paythane
polyurethane bonded to a metal center



WB Brake
shoe locks wheel



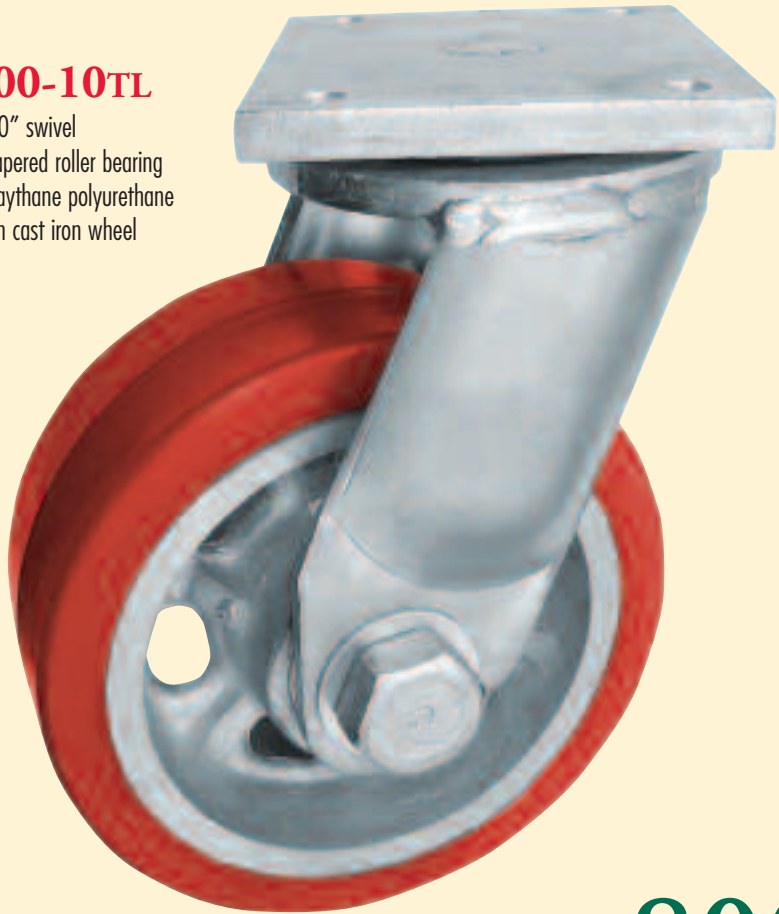
SL 4-Position Swivel Lock
plunger engages at 90° angles

700 SWIVEL & 701 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	3	Payron	2800	700-6US	700-6TS	701-6US	701-6TS	33	5¼	8⅝	Width by Length: 6½ x 7½
		Payductile	5500	700-6UD	700-6TD	701-6UD	701-6TD	37½			
		Plexite	2800	700-6UM	700-6TM	701-6UM	701-6TM	27½			
		Miratek	2700	700-6UT	700-6TT	701-6UT	701-6TT				
8	2½	V-Groove	3000	700-8UDG	700-8TDG	701-8USG	701-8TDG	32	6½	10⅞	Bolt Hole Spacing: 4½ x 6
	3	Payductile	6000	700-8UD	700-8TD	701-8UD	701-8TD	40½			
		Payron	3000	700-8US	700-8TS	701-8US	701-8TS	30			
		Plexite	3000	700-8UM	700-8TM	701-8UM	701-8TM				
		Miratek	2800	700-8UT	700-8TT	701-8UT	701-8TT				
		Paythane	3000	700-8UL	700-8TL	701-8UL	701-8TL	28			
10	3	Payron	3200	700-10US	700-10TS	701-10US	701-10TS	43	7⅝	12⅞	Size of Bolt Holes: ⅞
		Payductile	7500	700-10UD	700-10TD	701-10UD	701-10TD	49			
		Plexite	3200	700-10UM	700-10TM	701-10UM	701-10TM	32½			
		Miratek	2900	700-10UT	700-10TT	701-10UT	701-10TT				
		Paythane	3200	700-10UL	700-10TL	701-10UL	701-10TL				

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

800-10TL

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



801-6TD

- 6" rigid
- Tapered roller bearing
- Payductile cast iron wheel



800/801
EXTRA HEAVY

The 800 will carry the heaviest loads — 4 units up to 40,000 lbs.

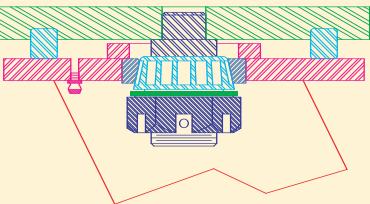
Engineering Data:

- 5/8" steel top plate.
- 1 1/4" welded king bolt.
- 1 1/4" Timken tapered thrust bearing.
- 5" sealed type Timken load raceway.
- 3/8" embossed legs welded inside and out to support base.

Standard Features/Components:

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

Raceway Construction:



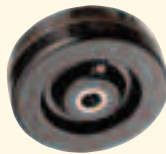
Wheels & Optional Extras:



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



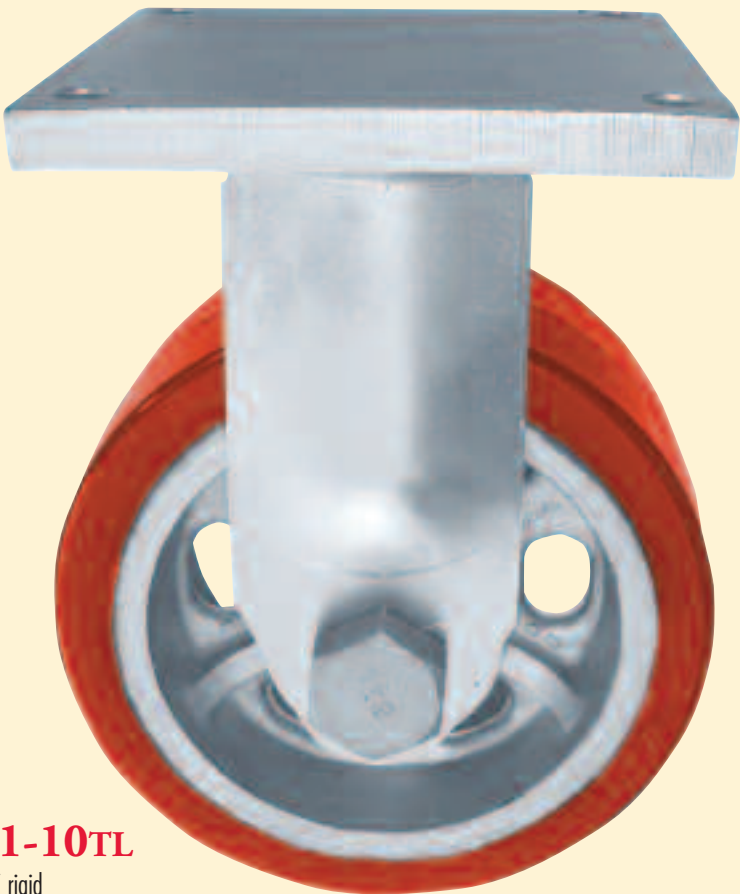
SL 4-Position Swivel Lock
plunger engages at 90° angles

800 SWIVEL & 801 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	4	Payductile	8000/10000	800-6UD	800-6TD	801-6UD	801-6TD	41	5¼	9	Width by Length: 6½ x 7½
		Paythane	4850	800-6UL	800-6TL	801-6UL	801-6TL	38			
8	4	Payductile	8000/10000	800-8UD	800-8TD	801-8UD	801-8TD	55	6½	11	
		Paythane	4850	800-8UL	800-8TL	801-8UL	801-8TL	47			
		V-Groove	10000	800-8UDG	800-8TDG	801-8UDG	801-8TDG	52			
10	4	Payductile	8000/10000	800-10UD	800-10TD	801-10UD	801-10TD	68	7¾	13	Bolt Hole Spacing: 4½ x 6
		Paythane	4850	800-10UL	800-10TL	801-10UL	801-10TL	59			
		V-Groove	10000	800-10UDG	800-10TDG	801-10UDG	801-10TDG	64			
12	4	Payductile	8000/10000	800-12UD	800-12TD	801-12UD	801-12TD	74	8¾	15	
		Paythane	4850	800-12UL	800-12TL	801-12UL	801-12TL	65			
	3½	Plexite	4000	800-12UM	800-12TM	801-12UM	801-12TM	45			

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

900-8TD

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



901-10TL

- 10" rigid
- Tapered roller bearing
- Paythane polyurethane on cast iron wheel

900/901
SUPER HEAVY

The 900 is constructed with indestructible features. For units up to 68,000 lbs.

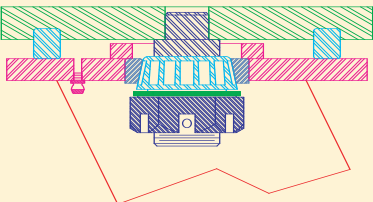
Engineering Data:

- ¾" steel top plate.
- 1½" welded king bolt.
- 1½" tapered thrust bearing.
- 7" sealed Timken load raceway.
- ½" embossed legs welded inside and out to support base.

Standard Features/Components:

- Zinc plated finish.
- 1¼" axle.
- 1½ x 1¼ x 4⅝" hardened spanners.
- Lubrication fittings.
- Companion Rigid.

Raceway Construction:



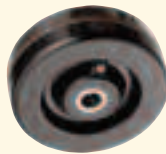
Wheels & Optional Extras:



Paythane
polyurethane bonded to a metal center



Payductile Steel
cast high tensile ductile iron



Plexite Phenolic
macerated canvas



V-groove
machine grooved steel



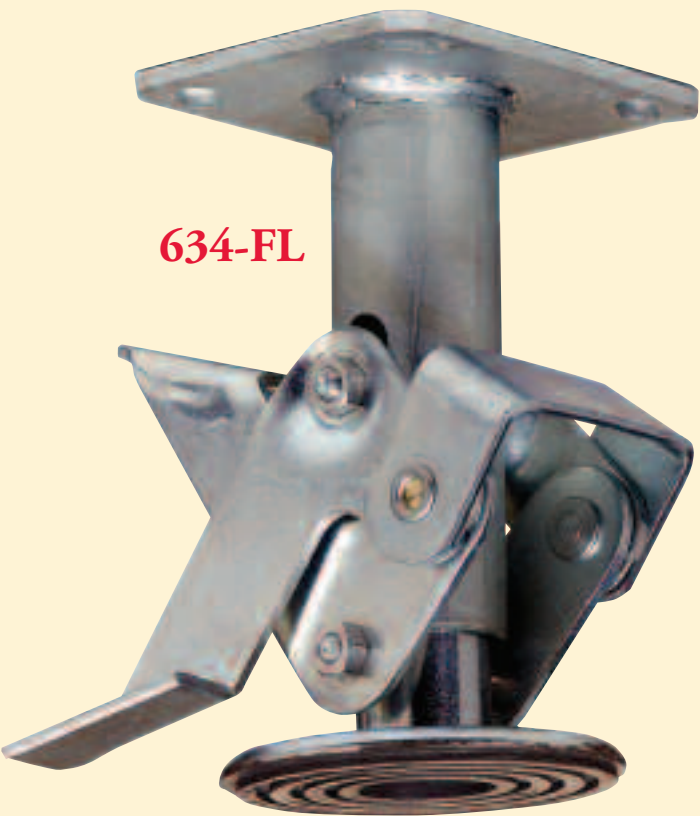
WB Brake
shoe locks wheel



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

900 SWIVEL & 901 RIGID SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER							
Diameter inches	Width inches	Type	Cap Each lbs	Swivel		Rigid		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Top Plate inches
				Roller Bearings	Timken Bearings	Roller Bearings	Timken Bearings				
6	4	Payductile	8000/17000	900-6UD	900-6TD	901-6UD	901-6TD	56	5¼	9¼	Width by Length: 8½ x 8½
		Paythane	5750	900-6UL	900-6TL	901-6TL	901-6TL	53			
8	4	Payductile	8000/17000	900-8UD	900-8TD	901-8UD	901-8TD	70	6½	11¼	
		Paythane	5750	900-8UL	900-8TL	901-8UL	901-8TL	62			
		V-Groove	15000	900-8UDG	900-8TDG	901-8UDG	901-8TDG	67			
10	4	Payductile	8000/17000	900-10UD	900-10TD	901-10UD	901-10TD	83	7⅝	13¼	Bolt Hole Spacing: 7 x 7
		Paythane	5750	900-10UL	900-10TL	901-10UL	901-10TL	74			
		V-Groove	15000	900-10UDG	900-10TDG	901-10UDG	901-10TDG	79			
12	4	Payductile	8000/17000	900-12UD	900-12TD	901-12UD	901-12TD	89	8¾	15¼	Size of Bolt Holes: 1⅞
		Paythane	5750	900-12UL	900-12TL	901-12UL	901-12TL	80			
	3¾	Plexite	4000	900-12UM	800-12TM	901-12UM	901-12TM	58			

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



Floor Locks

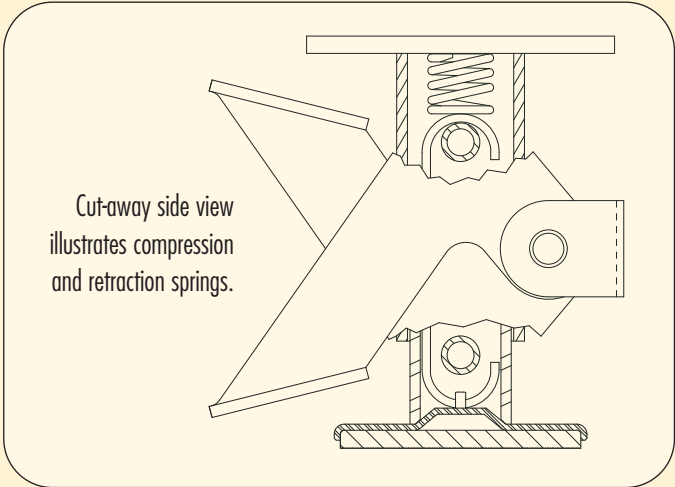
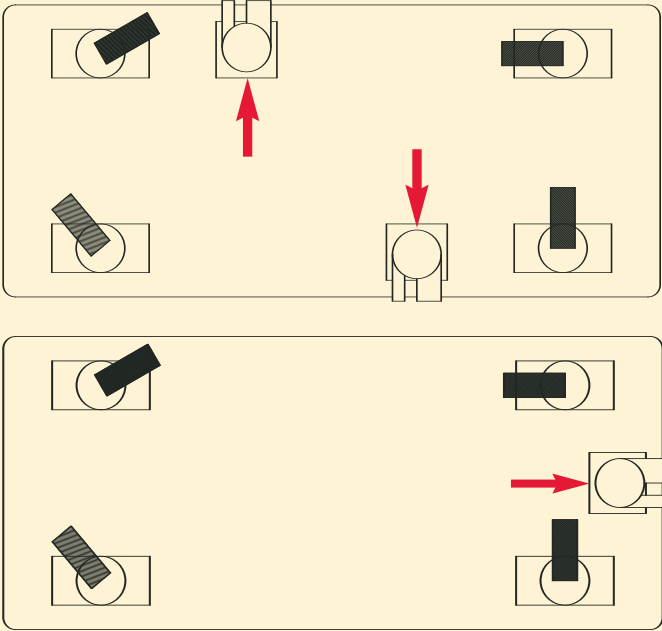
DOUBLE PEDAL DESIGN

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. Electro-plated 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.

Floor Lock Locations:



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

*Other sizes and mounting plates can be fabricated. Consult factory.
Note: Select floor lock with extended height slightly greater (1/8" to 3/8") than associated caster over-all 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 3/16	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 5/8	4 3/4
	Payrock	240	059-3 1/2OH			
4 x 3 1/2	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 5/8	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 5/8	6 1/8
	Payrock	260	059-50H			
5 x 1 1/8	Mirakush	200	059-5BR	2 1/2	4 5/8	6 1/8
	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 5/8	F = 1 1/2 to 1 3/4	H = 1 3/4 to 1 7/8

"WK" Brake available.

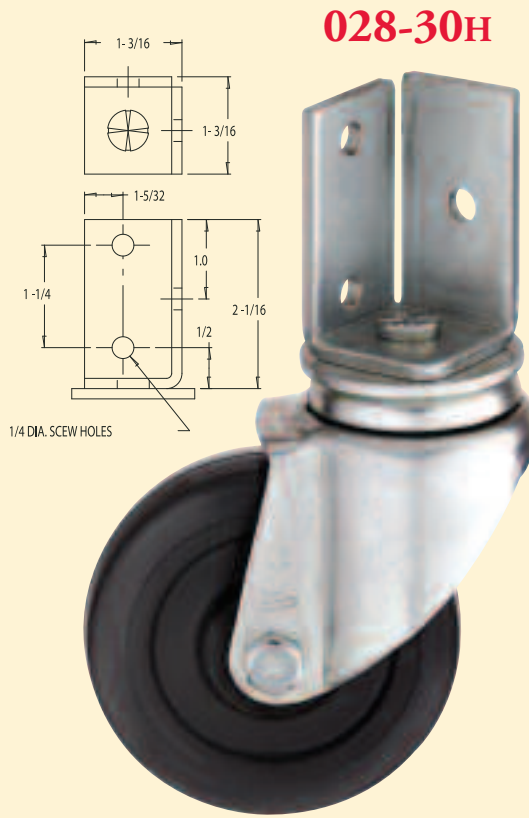
Angle Iron Stems

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 Lubrication 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 3/16	Payflex	75	028-30X	1	2 3/4	3 13/16
	Payrock	100	028-30H			
4 x 3 1/2	Payflex	110	028-40X	1 1/4	3 1/2	4 3/4
	Payrock	135	028-40H			
5 x 3 1/2	Payflex	125	028-50X	1 1/2	4 1/4	5 3/4
	Payrock	145	028-50H			

"WK" Brakes Available.



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



900-8TL-DW

- 8" swivel
- Two polyurethane molded to cast iron wheels
- Tapered roller wheel bearings

300/500/900

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 36-37 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 40-41 for engineering data. A middle leg is welded to the top cup for additional support.

900-DW Series:
The 900-DW series can be manufactured with either a pair of 3" tread wheels (total floor contact 6") or a pair of 4" tread wheels (total floor contact of 8"). The same construction applies with this dual wheel as our standard 900 series found on pages 50-51.

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 78-93)

300 DUAL WHEEL SWIVEL & RIGID SPECIFICATIONS										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Axle Size inches	Top Plate
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller Bearings	Rigid Roller Bearings					
4	3¾	Payron	1400	300-4US-DW	301-4US-DW	15	3¾	5½	½	Width by Length: 4¾ x 6⅝" Bolt Hole Spacing: 2⅞ x 4⅞" slotted to 3¾ x 5¼" Size of Bolt Holes: 33/64"
	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	4¾	6⅞	½	
		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	7⅞	½	
		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	6⅞	9⅞	½	
		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 Over-All 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	5¼	8¼	¾	Width by Length: 5½ x 7½"
		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	6½	10¼	¾	Bolt Hole Spacing: 3¾ x 5¼" slotted to 4⅞ x 6⅞"
		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	7⅞	12¼	¾	Size of Bolt Holes: 33/64"
		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				

900 DUAL WHEEL SWIVEL & RIGID SPECIFICATIONS										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Axle Size inches	Top Plate
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller, Timken Bearings	Rigid Roller, Timken Bearings					
6	6	Payductile	16000	900-6UD-DW	901-6UD-DW	74	5¼	9¼	1	Width by Length: 8½ x 8½" Bolt Hole Spacing: 7 x 7" Size of Bolt Holes: 1⅞"
		Plexite	5400	900-6UM-DW	901-6UM-DW	48				
		Paythane	11000	900-6X4UL-DW	901-6X4UL-DW	58				
8	6	Payductile	12000	900-8UD-DW	901-8UD-DW	90	6½	11¼	1	
		Plexite	5400	900-8UM-DW	901-8UM-DW	60				
		Paythane	6000	900-8UL-DW	901-8UL-DW	66				
	8	Paythane	11000	900-8X4UL-DW	901-8X4UL-DW	72				
10	6	Payductile	16000	900-10UD-DW	901-10UD-DW	114	7¾	13¼	1	
		Plexite	5800	900-10UM-DW	901-10UM-DW	73				
		Paythane	6000	900-10UL-DW	901-10UL-DW	76				
	8	Paythane	11000	900-10X4ULDW	901-10X4ULDW	84				
12	6	Plexite	7000	900-12UM-DW	901-12UM-DW	87	8¾	15¼	1	
	8	Paythane	11000	900-12X4UL-DW	901-12X4UL-DW	120				
		Payductile	17000	900-12X4UD-DW	901-12X4UD-DW	140				

Double Wheel Casters

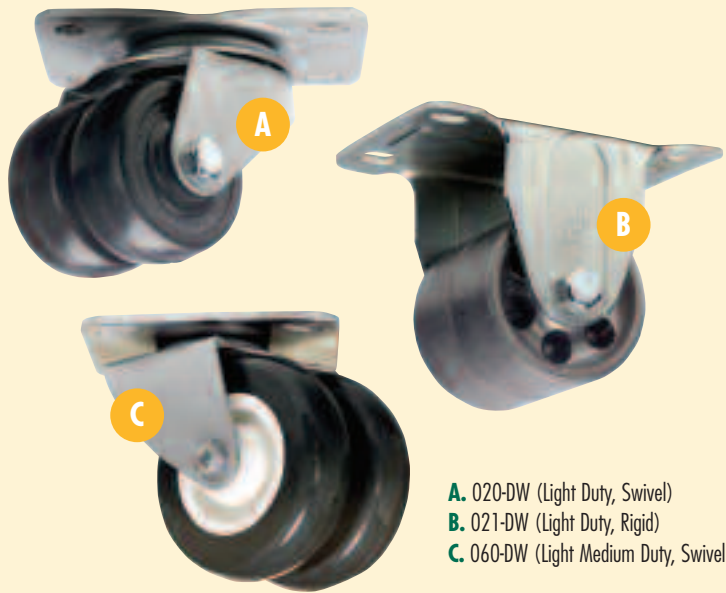
LIGHT & LIGHT MEDIUM DUTY

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 Over-All 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	Size of Bolt Holes
2	1¾	Payron	200	020-2PS-DW	021-2PS-DW	¾	2¼	2⅞	2½ x 3¾	1¾ x 2⅞-3	2¼
		Payflex	150	020-20X-DW	021-20X-DW						
		Payrock	200	020-20H-DW	021-20H-DW						
		Peejay	200	020-2PJ-DW	021-2PJ-DW						
3	1½	Payflex	250	020-30X-DW	021-30X-DW	1½	3¼	3⅜			
		Payrock	250	020-30H-DW	021-30H-DW						
	1¾	Peejay	250	020-3PJ-DW	021-3PJ-DW						
		Mirakush	290	020-3DR-DW	021-3DR-DW						
	1⅞	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 Over-All 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	Size of Bolt Holes			
3	2¾	Payron	300	060-3PS-DW		3	3¼	4⅞	3¾ x 4⅝	2⅝ x 3⅝ slotted to 3 x 3"	2⅝¼			
		Payflex	220	060-30X-DW										
		Payrock	300	060-30H-DW										
	2½	Peejay	300	060-3PJ-DW										
4	2½	Payflex	300	060-40X-DW		4½	3⅝	4⅞⅙						
		Payrock	375	060-40H-DW										
		Peejay	375	060-4PJ-DW										
	2¼	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-Pneumatic 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 Over-All inches	Width by Length inches	Bolt Hole Spacing	Size of Bolt Holes
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 ⅝	2⅞ x 4 1⅝ slotted to 3⅝ x 5¼	3¾
10	3.50—4	Pneumatic	515*	400-10UW	401-10UW	20	7⅞	12¼			
12	4.00—6	Pneumatic	700*	400-12UW	401-12UW	23	8⅞	14¼			

FULL PNEUMATIC MEDIUM DUTY CASTERS											
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Width by Length inches	Bolt Hole Spacing	Size of Bolt Holes
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 4⅝	2⅝ x 3⅝ slotted to 3 x 3"	2⅝
8	2.80—4	Pneumatic	300*	190-8UW	191-8UW	9¾	7½	10			
10	3.50—4	Pneumatic	400*	190-10UW	191-10UW	11	7⅞	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 Over-All inches	Width by Length inches	Bolt Hole Spacing	Size of Bolt Holes
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	3⅞	5	2½ x 3¾	1¾ x 2⅞-3	2¼
5	1¼	Broncushion	170	050-5BN	051-5BN	3	4⅞	6⅞			
6	2	Broncushion	350	200-6UN	201-6UN	6½	5	7½	3¾ x 4⅝	2⅝ x 3⅝ slotted to 3 x 3"	2¼
8	2	Broncushion	450	200-8UN	201-8UN	8	6⅞	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.

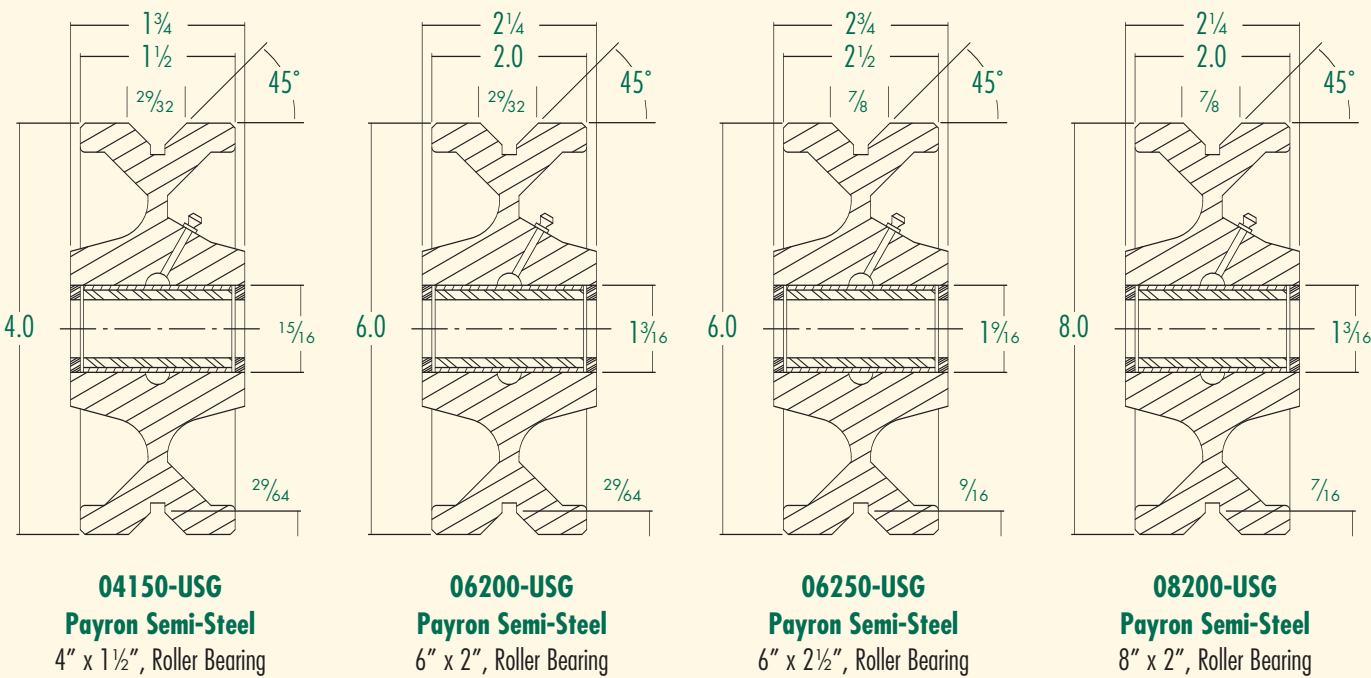


V-GROOVED SWIVEL SPECIFICATIONS											
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Swivel Radius inches	Height Over-All inches	Width by Length inches	Bolt Hole Spacing	Size of Bolt Holes
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Roller Bearings	Timken Bearings						
4	1½	Payron	425	760-4USG		4	3½	5	4 x 5	4 x 5	25/64
		Payron	800	070-4USG		4½	3¾	5½	3¾ x 4½	2½ x 3½ slotted to 3 x 3	25/64
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 4¾ x 6½	33/64
	4	Payductile	10000	800-8UDG	800-8TDG	52	6½	11	6½ x 7½	4½ x 6	9/16
	4	Payductile	15000	900-8UDG	900-8TDG	67	6½	11¼	8½ x 8½	7 x 7	11/16
10	4	Payductile	10000	800-10UDG	800-10TDG	64	7½	13	6½ x 7½	4½ x 6	9/16
	4	Payductile	15000	900-10UDG	900-10TDG	79	7½	13¼	8½ x 8½	7 x 7	11/16

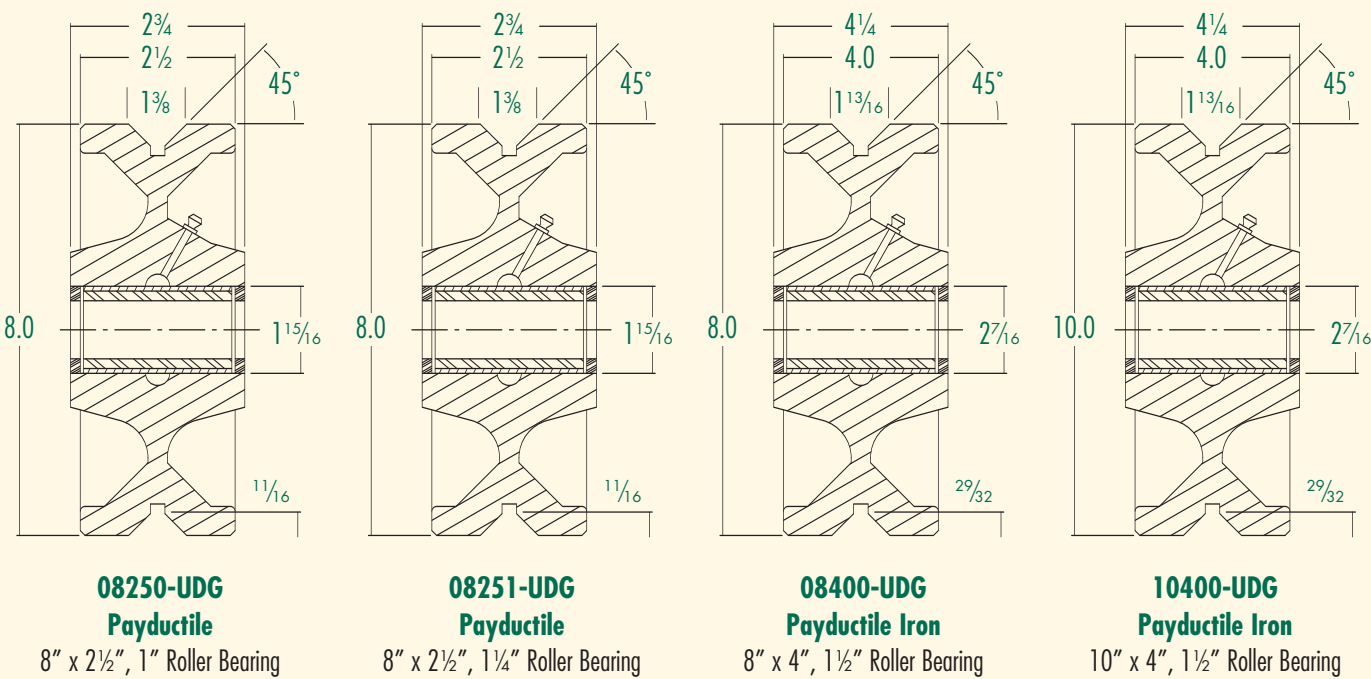
V-GROOVED RIGID SPECIFICATIONS										
WHEEL SPECIFICATIONS				CATALOG NUMBER		Approx. Weight lbs	Height Over-All inches	Width by Length inches	Bolt Hole Spacing	Size of Bolt Holes
Diameter inches	Width inches	Type	Cap Each lbs	Rigid Roller Bearings	Timken Bearings					
4	1½	Payron	425	761-4USG		3¼	5	3 ⅜ x 6 ¼	1¾ x 5	25/64
		Payron	800	071-4USG		3½	5⅝	3¾ x 4 ⅝	2⅝ x 3⅝ slotted to 3 x 3	25/64
6	2	Payron	1000	201-6USG		9½	7½	3¾ x 4 ⅝	2⅝ x 3⅝ slotted to 3 x 3	25/64
	2½	Payron	2000	301-6USG		19½	7⅝	4¾ x 6 ⅝	2⅞ x 4 1⅞ slotted to 3⅝ x 5¼	33/64
8	2	Payron	1200	201-8USG		12	9½	3¾ x 4 ⅝	2 ⅝ x 3⅝ slotted to 3 x 3	25/64
	2½	Payductile	2350	301-8UDG	301-8TDG	20½	10¼	4¾ x 6 ⅝	2 7/16 x 4 1⅞ slotted to 3⅝ x 5¼	33/64
	2½	Payductile	3000	501-8UDG	501-8TDG	22	10½	5¼ x 7 ¼	3⅝ x 5¼ slotted to 4 ⅞ x 6 ⅞	33/64
	4	Payductile	10000	801-8UDG	801-8TDG	44	11	6½ x 7 ½	4 ½ x 6	9/16
	4	Payductile	15000	901-8UDG	901-8TDG	57	11¼	8½ x 8 ½	7 x 7	11/16
10	4	Payductile	10000	801-10UDG	801-10TDG	56	13	6½ x 7 ½	4 ½ x 6	9/16
	4	Payductile	15000	901-10UDG	901-10TDG	69	13¼	8½ x 8 ½	7 x 7	11/16

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

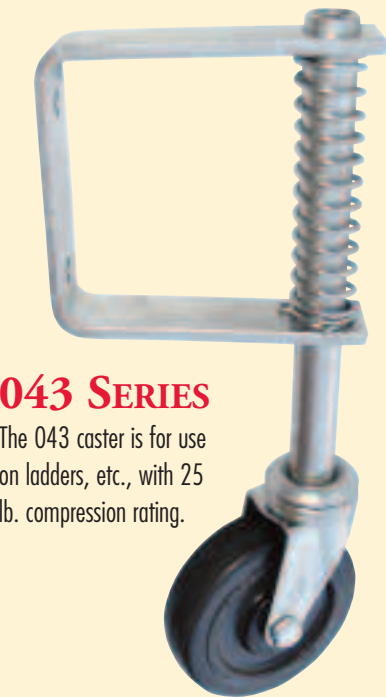
► PAYRON SEMI-STEEL: ROLLER BEARINGS



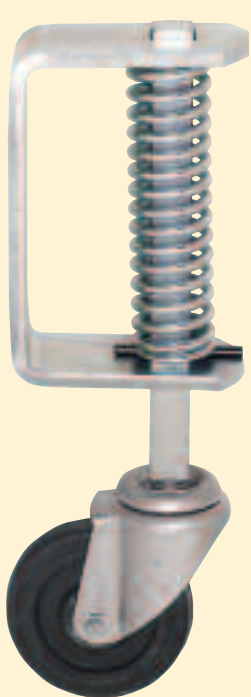
► PAYDUCTILE: ROLLER BEARINGS



Door/Ladder Casters



043 SERIES
The 043 caster is for use on ladders, etc., with 25 lb. compression rating.



182 SERIES
Has heavy compression spring (100 lbs. rated for door support).



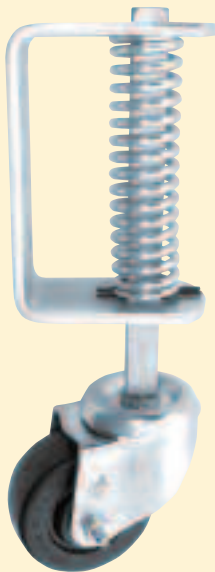
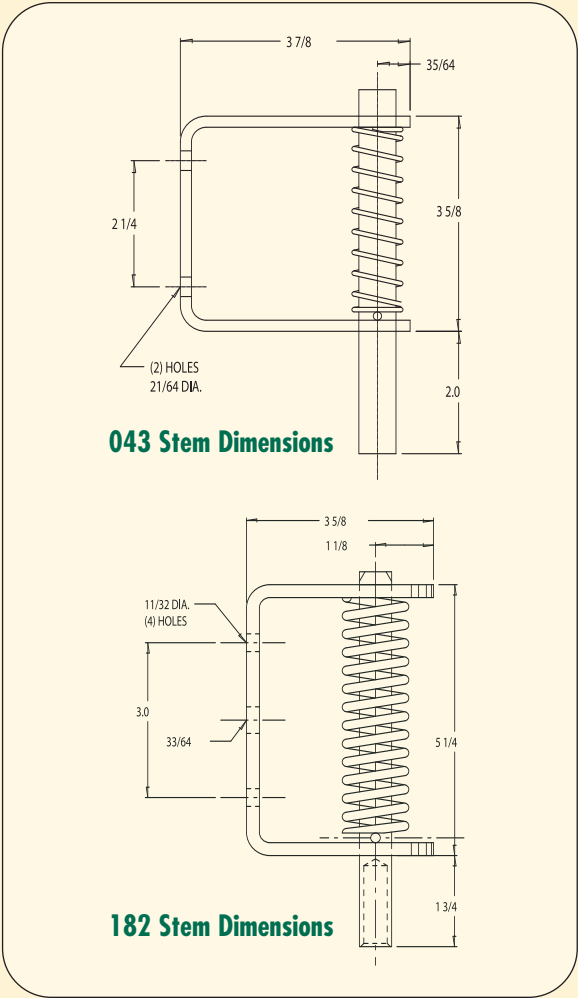
142 SERIES
The 142 caster with optional spring and lock nut is ideal for rolling ladders.

043 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Mounting Plate
Diameter inches	Type	Cap Each lbs			
3	Payflex	75	043-30X	3 11/16	1 x 3 3/8, 2 holes, 2 1/8 spacing
	Payrock	100	043-30H		

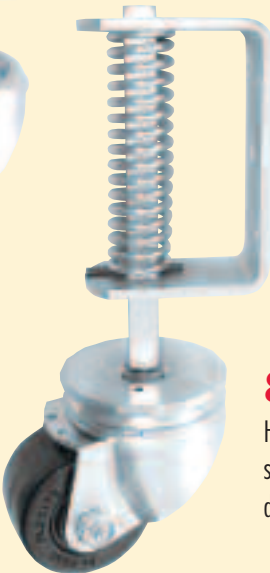
182 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Stem Dimensions
Diameter inches	Type	Cap Each lbs			
2	Payron	100	182-2PS	2¾	2 X 5½ Plate 4 Holes, 1¼ x 3
	Payflex	75	182-20X		
	Payrock	100	182-20H		
2½	Payflex	75	182-2½OX	3⅞	
	Peejay	100	182-2½PJ		
3	Payflex	100	182-30X	3⅞	
	Payrock	125	182-30H		

142 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Stem Dimensions
Diameter inches	Type	Cap Each lbs			
2	Payflex	75	142-20X	2¾	⅝ x 2 Base ⅝ – 18 x 3 Upper Stem
	Payrock	100	142-20H		
2¼	Payflex	75	142-2½OX	3¼	
	Peejay	100	142-2½PJ		
3	Payflex	100	142-30X	3½	
	Payrock	125	142-30H		

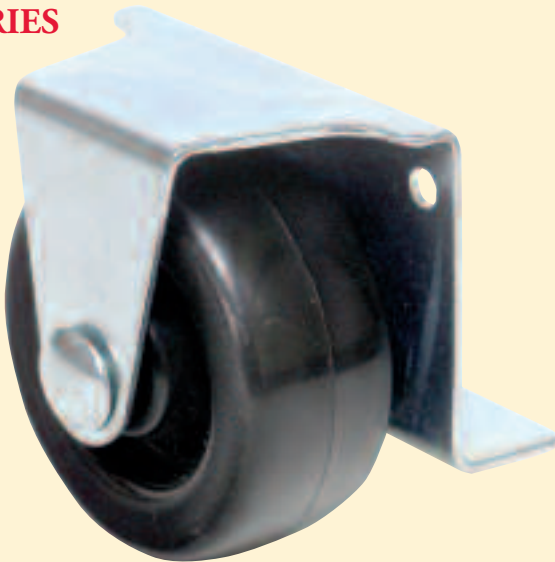
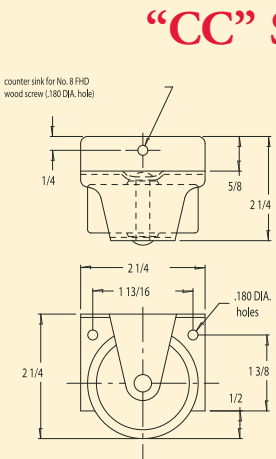
*Optional Extras: Spring and lock nut kit available.



582 SERIES
Has heavy compression spring (200 lbs. rated for door support).



882 SERIES
Has heavy compression spring (300 lbs. rated for door support).



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 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
Diameter inches	Diameter inches	Type	Cap Each lbs	
2	7/8	Peejay	100	CC-141-2PJ

582 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Mounting Plate
Diameter inches	Type	Cap Each lbs			
2½	Payron	150	582-2½PS	3⅞	2 X 5½ Plate 4 Holes, 1¼ x 3
	Payflex	150	582-2½OX		
	Payrock	200	582-2½OH		
3	Payron	210	582-3PS	4	
	Payflex	150	582-3OX		
	Payrock	210	582-3OH		

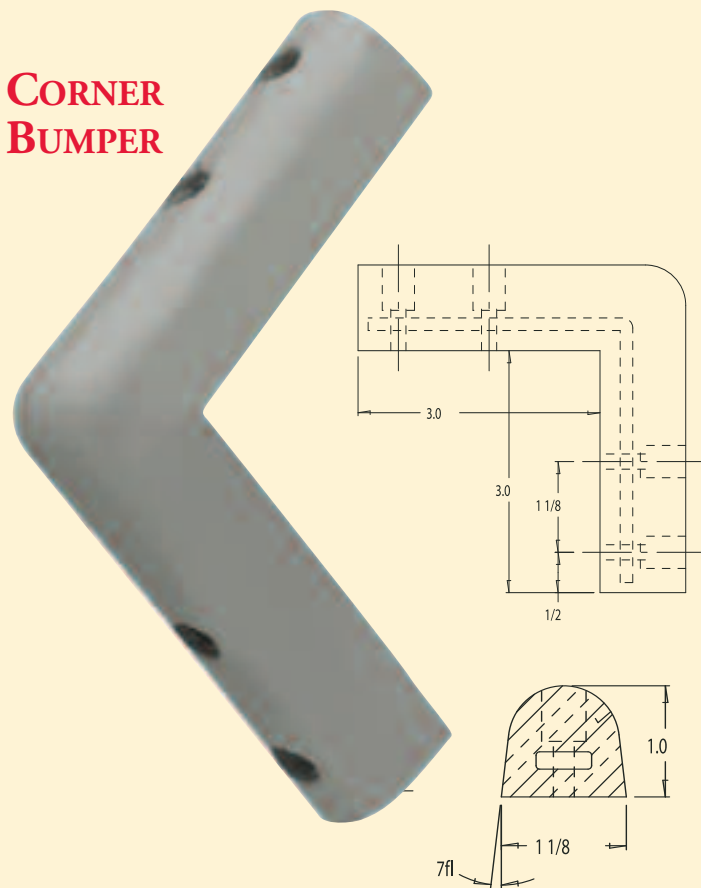
882 SERIES					
WHEEL SPECIFICATIONS			Catalog Number	Height Less Stem inches	Mounting Plate
Diameter inches	Type	Cap Each lbs			
3	Plexite	500	882-3UM	4 5/16	2 x 5 1/8 Plate 4 Holes, 1 1/4 x 3

ALL PURPOSE DOLLY					
WHEEL SPECIFICATIONS			Catalog Number	Approx Weight lbs	Casting Dimensions
Diameter inches	Type	Cap Each lbs			
2	Payflex	225	640-20X	6¾	9½ x 9½ x 9½ with 3½ O.D. recessed triangular center
	Payrock	300	640-20H		
2½	Payflex	300	640-2½OX	6⅞	
	Payrock	400	640-2½OH		
3	Payflex	375	640-30X	7	
	Payrock	630	640-30H		

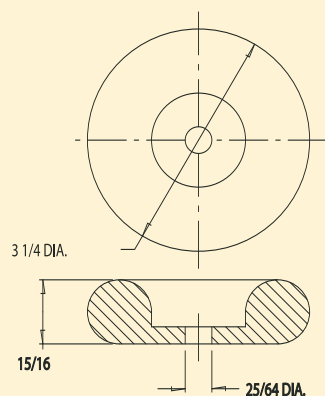
ALL PURPOSE DOLLY



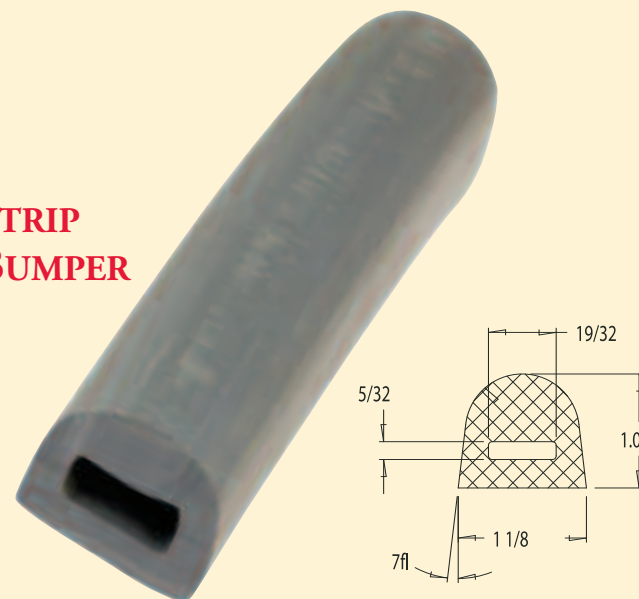
CORNER BUMPER



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 is provided around the entire unit.

CB-331 CORNER BUMPER		
Catalog Number	Approx Weight lbs	Specifications
CB-331	3½	(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	½	(See Line Drawing)
SB-333-MS	¾	¾ 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:

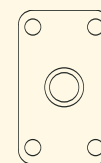
Extra large diameter double ball bearing raceways for greater strength and easier swiveling. Larger diameter ball-type wheel for greater distribution of load and easy rolling.

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:



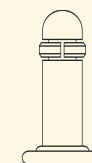
000 Plate
1 x 2¼ Spacing, 17/64 holes



002 Grip Neck
5/16 x 1 1/2



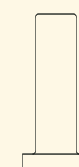
"HI" Socket
For use with 002 Stem in
wood $\frac{3}{8}$ I.D. Hole



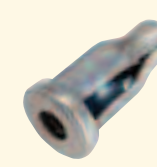
003 Ring Ret
 $\frac{7}{16} \times 1\frac{1}{2}$
 $\frac{3}{8} \times 1$



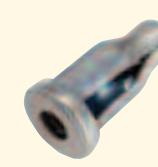
004 Threaded
 $\frac{5}{16}$ - 18 x 1½
 $\frac{3}{8}$ - 16 x 1½



007 Plain Round
 $\frac{7}{16} \times 1\frac{7}{8}$
 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 $29/31$ I.D.

000-007 SERIES SWIVEL											
WHEEL SPECIFICATIONS					CATALOG NUMBER						
Diameter inches	Type	Cap Each lbs	Height (less stem)	Approx Weight lbs	1½ x 3 plate 1 x 2¼ holes 1¼	5⁄₁₆ x 1½ Grip Neck Stem	7⁄₁₆ x 1½ Ring Ret. Stem	¾ x 1 Ring Ret. Stem	5⁄₁₆ - 18 x 1½ Threaded Stem	¾ - 16 x 1½ Threaded Stem	7⁄₁₆ x 17½ Round Stem
2	Payflex	75	2¾	¼	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
2½	Payflex	110	3¼	7⁄₈	000-2½OX	002-2½OX	003-2½OX	Z003-2½OX	004-2½OX	Z004-2½OX	007-2½OX
	Payrock	140			000-2½OH	002-2½OH	003-2½OH	Z003-2½OH	004-2½OH	Z004-2½OH	007-2½OH
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	½	2	2¾	7⁄16 x 1½" Ring Retention	¾ x 1" Ring Retention		
		Payflex	75	023-20X							
		Payrock	100	023-20H							
2½	7⁄8	Payflex	75	023-2½OX	¾	2½	37⁄16				
		Peejay	100	023-2½PJ							
3	3½⁄2	Payflex	100	023-30X	1	2¾	31¼⁄16	7⁄16 x 1½" Ring Retention	7⁄16 x 17⁄8" Plain Round		
		Payrock	125	023-30H							
4	3½⁄2	Payflex	110	023-40X	1¼	3⅜	4⅝				
		Payrock	135	023-40H							
5	3½⁄2	Payflex	125	023-50X	1½	4⅛	5⅝				
		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	2⅞	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	3⅝	4⅞		
	1⅝	Payrock	255	053-40H		2⅞				
		Mirakush	200	053-4DR	053-4BR					
		Miratek	240	053-4DF	053-4BF					
5	1¼	Payron	190	053-50X		3	4⅝	5⅝		
	1⅝	Payrock	260	053-50H		2½				
		Mirakush	200	053-5DR	053-5BR					
		Payrock	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	3⅝	5⅝	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	4⅝	6⅝		
		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; 22-23.

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, 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. 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	½	2	2¾	5⁄16 – 18 X 1 ½	3⁄8 – 16 X 1 ½ 7⁄16 – 14 X 1 ½ 7⁄16 – 14 X 2 ½ ½ – 13 X 1 ½			
		Payflex	75	024-2OX								
		Payrock	100	024-2OH								
2½	7⁄8	Payflex	75	024-2½OX	¾	2½	3⅞	3⁄8 – 16 X 1 ½				
		Peejay	110	024-2½PJ								
3	3⅓2	Payflex	100	024-3OX	1	2¾	3⅞			3⁄8 – 16 X 1 ½		
		Peejay	125	024-3OH								
4	3⅓2	Payflex	110	024-4OX	1¼	3⅝	4⅝				3⁄8 – 16 X 1 ½	
		Peejay	135	024-4OH								
5	3⅓2	Payflex	125	024-5OX	1½	4⅞	5⅝					3⁄8 – 16 X 1 ½
		Peejay	145	024-5OH								

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
2½	1	Payron	200	054-2'½PS		1¾	2½	3⅝	⅞-14 x 1½	½-13 x 1½ ⅝-11 x 2
	1⅝	Payflex	125	054-2'½OX		1¼				
		Payrock	175	054-2'½OH						
3	1¼	Payron	210	054-3PS	054-3US	2½	2⅞	4	½-13 x 1½	¾-10 x 4 ⅝-11 x 2
	1⅜	Peejay	125	054-3OX		1¼				
		Payrock	210	054-3OH						
4	1¼	Payflex	165	054-4OX		2½	3⅝	4⅞		
		Payrock	255	054-4OH						
	1⅝	Mirakush	200	054-4DR	054-4BR	2⅞				
		Miratek	240	054-4DF	054-4BF					
5	1¼	Payflex	165	054-5OX		3	4⅝	6⅝		
		Payrock	255	054-5OH						
	1⅝	Mirakush	200	054-5DR	054-5BR	2½				
		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	1¾	Payron	425	074-4PS	074-4US	5	3¾	5⅝	¾ – 10 x 2½	⅝ – 11 x 2 & Consult Factory
	1½	Payflex	200	074-40X		3¾				
		Payrock	30	074-40H						
		Mirakush	300	074-4DK	074-4UK					
5	1½	Payron	500	074-50S		6	4⅝	6⅝		
		Payflex	240	074-50X		4¾				
		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 22-23.

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

055-4OX

- 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 Lubrication Bearings				Standard in	Variations Available in		
2	7⁄8	Payron	100	025-2PS	½	2	2¾	¾ Tapered Thread NPT	1 Tapered Thread NPT		
		Payflex	75	025-20X							
		Payrock	100	025-20H							
2½	7⁄8	Payflex	75	025-2½OX	¾	2½	3⅞				
		Peejay	100	025-2½PJ							
3	3¹⁄₃₂	Payflex	100	025-30X	1	2¾	3⅞				
		Peejay	125	025-30H							
4	3¹⁄₃₂	Payflex	110	025-40X	1¼	3⅝	4⅝				
		Payrock	135	025-40H							
5	3¹⁄₃₂	Payflex	125	025-50X	1½	4⅞	5⅝				
		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	1¼	Payron	210	055-3PS	055-3US	2½	2⅞	4	¾ Tapered Thread NPT	1 Tapered Thread NPT		
	1⅝	Payflex	125	055-30X		1¼						
		Payrock	210	055-30H								
4	1¼	Payflex	165	055-40X		2½	3⅞	5				
		Payrock	265	055-40H								
	1⅝	Mirakush	200	055-4DR	055-4BR	2⅞						
		Miratek	240	055-4DF	055-4BF							
5	1¼	Payflex	190	055-50X		3	4⅝	6⅞				
		Payrock	260	055-50H								
	1⅝	Mirakush	200	055-5DR	055-5BR	2½						
		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	1⅝	Payron	425	075-4PS	075-4US	5	3¾	5%	¾ Tapered Thread NPT	1 Tapered Thread NPT		
	1½	Payflex	200	075-40X		3¾						
		Payrock	300	075-40H								
		Mirakush	300	075-4DK	075-4UK							
5	1½	Payron	500	075-50S	075-5US	6	4⅞	6%				
		Payflex	240	075-50X		4¾						
		Payrock	350	075-50H								
		Mirakush	350	075-5DK	075-5UK							

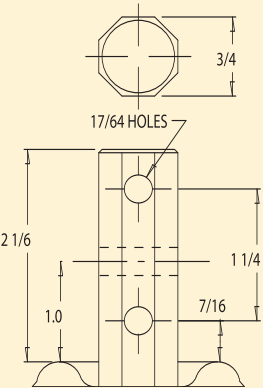
Rigid Models are available. To order, use Swivel Catalog Number and add Suffix “R”, as “075-5US-R”. Standard Stem sizes will be furnished unless otherwise specified. Additional Wheels and other options are available. See 070 Series; pages 22-23.

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 axes, 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:



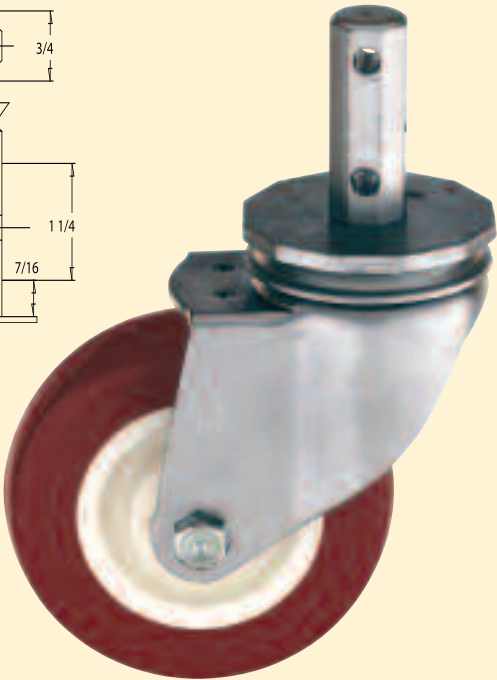
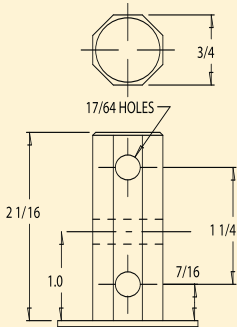
TG Thread Guards
cannot be used with WK brakes



WK Brake
locks wheel, not used with Thread Guards

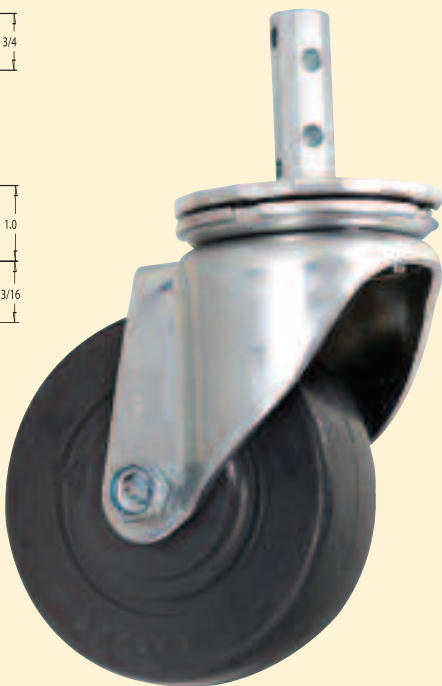
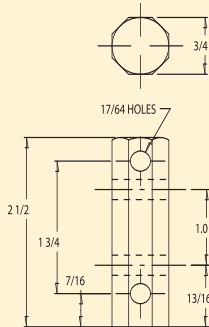


WS Wheel Seals
locks out foreign matter



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

LIGHT DUTY: 026 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 Lubrication Bearings				Standard in	Variations Available in								
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 1/2OX	3/4	2 1/2	3 7/16			3/4 x 2 1/16 (See line Drawing)	Consult Factory						
		Payrock	110	026-2 1/2PJ													
3	3 1/32	Payflex	100	026-30X	1	2 3/4	3 1 1/16					3/4 x 2 1/16 (See line Drawing)	Consult Factory				
		Payrock	125	026-30H													
4	3 1/32	Payflex	110	026-40X	1 1/4	3 3/8	4 5/8							3/4 x 2 1/16 (See line Drawing)	Consult Factory		
		Payrock	135	026-40H													
5	3 1/32	Payflex	125	026-50X	1 1/2	4 1/8	5 5/8									3/4 x 2 1/16 (See line Drawing)	Consult Factory
		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.

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	1¼	Payron	210	056-3PS	056-3PS	2½	2⅞	3⅞	¾ x 2⅛ (See line Drawing)	Consult Factory
	1⅜	Payflex	125	056-30X		1¼				
		Payrock	210	056-30H						
4	1¼	Payflex	165	056-40X		2½	3⅝	4⅞		
		Payrock	255	056-40H						
	1⅝	Mirakush	200	056-4DR	056-4BR	2⅞				
		Miratek	240	056-4DF	056-4BF					
5	1¼	Payflex	190	056-50X		3	4⅝	5⅝		
		Payrock	2690	056-50H						
	1⅝	Mirakush	200	056-5DR	056-5BR	2½				
		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	1¾	Payron	600	076-4PS	076-4US	5	3¾	5⅝	¾ x 2½ (See line Drawing)	Consult Factory
	1½	Payflex	200	076-40X		3¾				
		Payrock	300	076-40H						
		Mirakush	300	076-4DK	076-74UK					
5	1½	Payron	600	076-50S	076-5US	6	4⅝	6⅝		
		Payflex	240	076-50X		4¾				
		Payrock	350	076-50H						
		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 22-23.

Scaffold Casters

STANDARD & LIGHT SERIES

203-SK Standard Series:

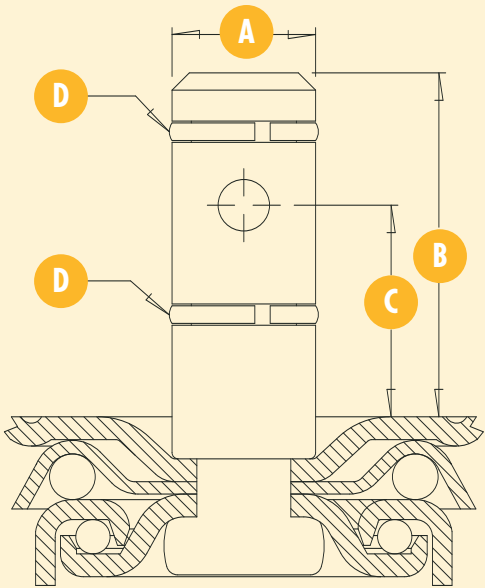
The latest technology that Payson has to offer in smooth, double breaking action. The upper spring steel clip locks the serrated bottom cup while the lower spring steel engages the wheel.

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	1⅜	4	⅝ up 2⅝	-
C	1⅞	4	⅝ up 2⅝	-
E	1⅝	4	⅝ up 2¼	-
F	1¼	4	⅞ up 2⅝	-
G	1	4	⅞ up 2⅝	-
H	1⅞	4	-	2
I	1¼	4	⅞ up 2½	-
J	1⅝	4	⅞ up 3	-
K	1⅝	4	⅞ up 2	-
L	1⅞	4	⅞ up 2¼	-

053-SK STEMS AVAILABLE

Stem #	A: Diameter	B: Length	C: Pin Hole	D: Rings
A	1	4	-	1
B	.845	2½	-	1
C	.875	2½	-	1
D	1.047	2¾	-	1
E	1¼	2⅞	⅞ up 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 Over-All 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		9½	4⅝	6½	The A Stem, 1⅜ x 4 with ⅝ pin hole, 2⅞ 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		10½	5	7½		
		Bronco	410	203-6UV-SK						
		Mirakush	550	203-6DK-SK						
		Payvulc	410	203-6UP-SK						
8	2	Bronco	500	203-8UV-SK		12	6⅝	9½		
		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 Over-All inches	STEM DIMENSIONS*
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Oilite, Delrin Bearings	Roller Bearings				
8	2	Payvulc	500		193-8UP-SB-A	12	6⅝	9½	"A" Standard Stem Only

*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 Over-All inches	STEM DIMENSIONS*	
Diameter inches	Width inches	Type	Cap Each lbs	Swivel Oilite Bearings	Ball Bearings				Standard Size inches	Top Plate
5	1¼	Payflex	190	053-50X-SK		6	4⅝	6⅝	The A Stem, 1 x 4 with friction ring.	See Stem Table above. Consult Factory for additional sizes.
	1⅝	Mirakush	200	053-5BR-SK						
		Miratek	240	053-5BF-SK						
16	1⅝	Payflex	240	053-60X-SK		6½	4⅜	7⅝		
	1⅝	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.

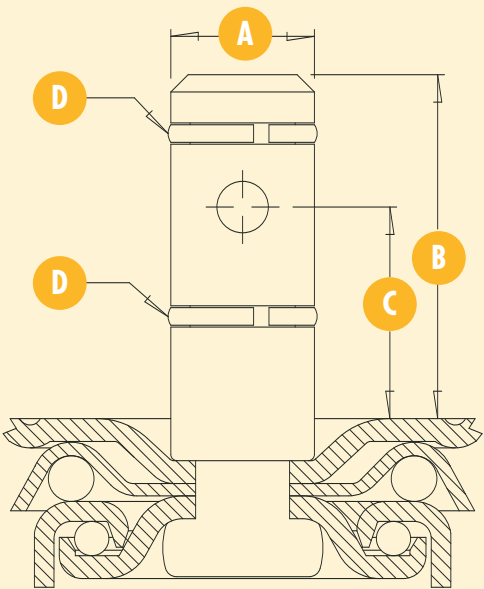
WARNING

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 3/16	4	7/16 up 2 1/16	-
C	1 7/16	4	7/16 up 2 1/16	-
E	1 3/8	4	7/16 up 2 1/4	-
F	1 1/4	4	7/16 up 2 5/8	-
G	1	4	7/16 up 2 5/8	-
H	1 7/16	4	-	2
I	1 1/4	4	7/16 up 2 1/2	-
J	1 3/8	4	7/16 up 3	-
K	1 3/8	4	7/16 up 2	-
L	1 7/16	4	7/16 up 2 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	17½	6½	10¼	See Stem Table Above. The A Stem is Standard, 1⅝ x 4, with ⅞ hole 2⅞ 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	7⅞	12¼		
		Mirakush	1280	403-10UK-SB					
		Miratek	1500	403-10UT-SB					
	3½	Full Pneumatic	515**	403-10UW-SB					
12	3	Bronco	1140	403-12UV-SB	24	8⅞	14½		
		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. Electro-plated 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.

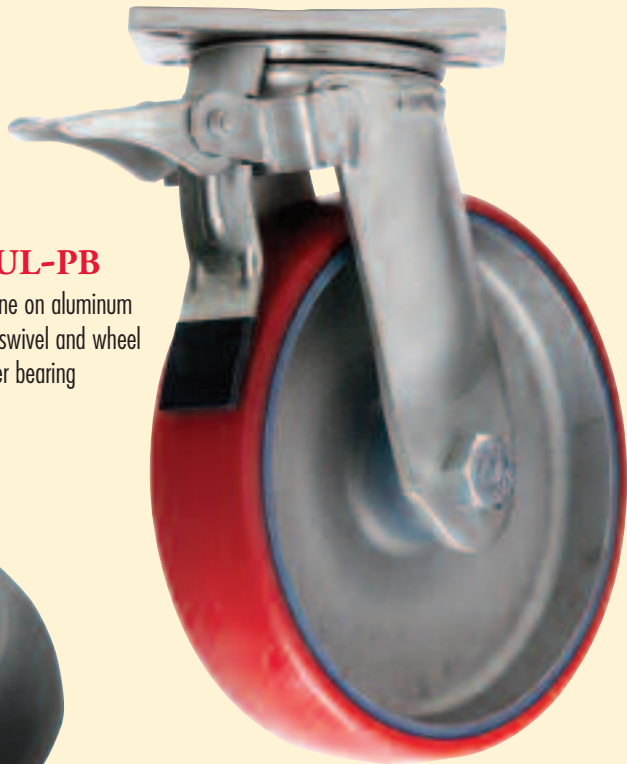
200-6UN-SK-B

- 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 Over-All 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	2005UV-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	4 ³ / ₄ x 6 ³ / ₈	2 ⁷ / ₁₆ x 4 ¹⁵ / ₁₆ slotted to 3 ³ / ₈ x 5 ¹ / ₄	3 ³ / ₄	
		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				
		Miratek	2100	400-12UT-PB							
	4	Full Pneumatic	700*	400-12UW-PB							

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

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



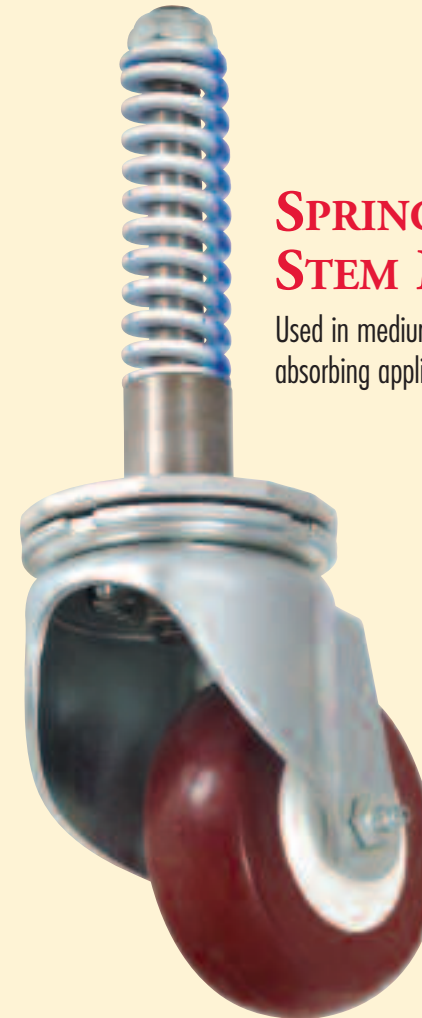
SOLID POLYURETHANE WHEEL

Used for high capacity with
floor protection



SPRING LOADED STEM MODEL

Used in medium-duty shock
absorbing applications



KINGPINLESS SPRING LOADED

Used in heavy-duty shock absorbing applications



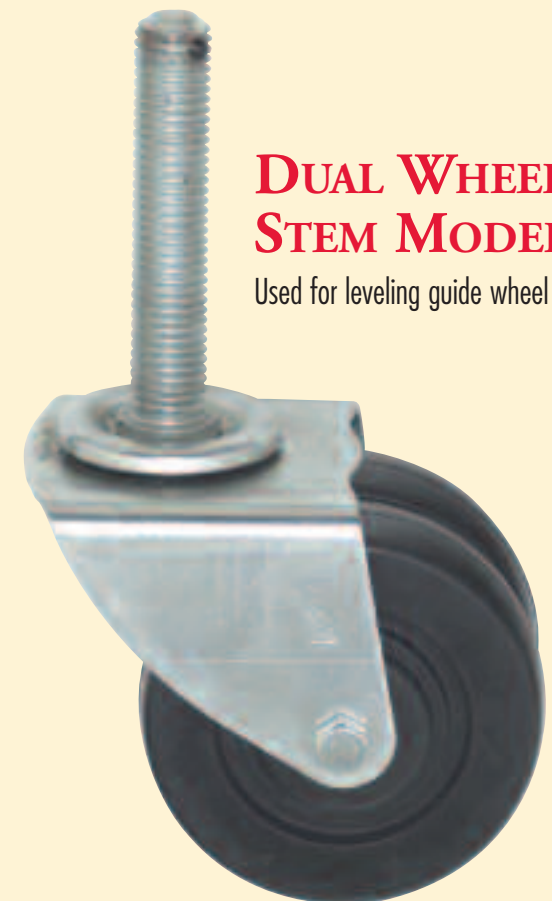
LEVELING CASTER

Used in laboratory
equipment and
computer environments



DUAL WHEEL STEM MODEL

Used for leveling guide wheel



INVERTED CASTER TABLE

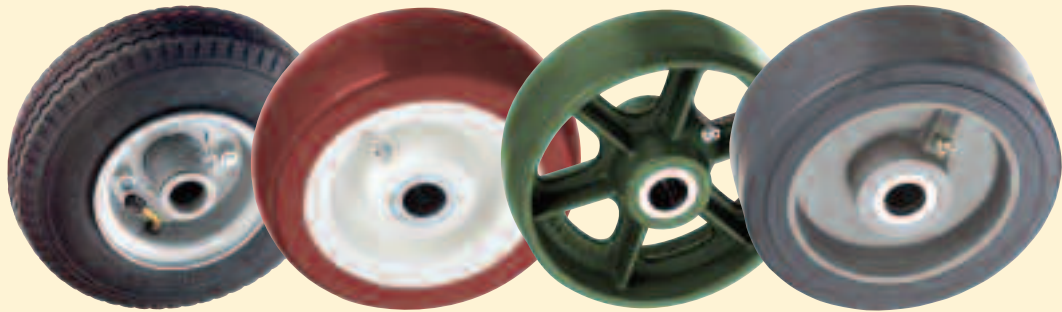
Used for shipping lines and aircraft
cargo; Made with caster 024-20H-DW
or 024-2PS-DW. See page 56.



Wheel Selection

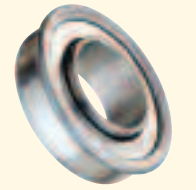
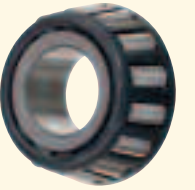
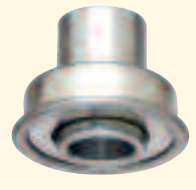
A wide range of Payson wheel types and sizes is available to suit every conceivable application and floor condition.

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.

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	2⅝	1⅜	¾	½	1, ⅞, ⅝	190, 200, 290
5	2	05200-UL		05200-XL	1000	5	2¼	2⅝	1⅜	¾	½	1, ⅞, ⅝	190, 200, 290
6	2	06200-UL		06200-XL	1100	6	2¼	2⅝	1⅜	¾	½	1, ⅞, ⅝	190, 200, 290
	2½	06250-UL	06250-TL	06250-XL	1400	8	2¾	2⅞	1⅞	1	¾	⅞	300
	4	06400-UL	06400-TL	06400-XL	5750	18	4¼	4⅝	2⅞	1½	1¼	—	800, 900
8	2	08200-UL		08200-XL	1200	7½	2¼	2⅝	1⅜	¾	½	1, ⅞, ⅝	190, 200, 290
	2½	08250-UL	08250-TL	08250-XL	1600	11	2¾	2⅞	1⅞	1	¾	1¼, ⅞	300
	3	08300-UL	08300-TL	08300-XL	2800	14	3¼	3⅝	1⅝	1	¾	—	400
		08301-UL	08301-TL	08301-XL	2800	14	3¼	3⅝	1⅝	1¼	1	—	500, 600
	4	08400-UL	08400-TL	08400-XL	5750	22	4¼	4⅝	2⅞	1½	1¼	—	800, 900
10	2½	10250-UL	10250-TL	10250-XL	1800	8	2¾	2⅞	1⅞	1	¾	1¼, ⅞	300
	3	10300-UL	10300-TL	10300-XL	3000	10	3¼	3⅝	1⅝	1	¾	—	400
		10301-UL	10301-TL	10301-XL	3000	10	3¼	3⅝	1⅝	1¼	1	—	500, 600
		10400-UL	10400-TL	10400-XL	5750	30	4¼	4⅝	2⅞	1½	1¼	—	800, 900
12	3	12300-UL	12300-TL	12300-XL	3000	12	3¼	3⅝	1⅝	1	¾	—	400
		12301-UL	12301-TL	12301-XL	3000	12	3¼	3⅝	1⅝	1¼	1	—	500, 600
		12400-UL	12400-TL	12400-XL	5750	36	4¼	4⅝	2⅞	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					HUB LENGTH		BORE DIMENSIONS				Used in Caster Series
Diameter inches	Tread Width inches	Delrin 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 with Bearing inches	
3	1¼		03125-UM	03125-XM	300	½	1⅙	1⅝	1⅙	½	¾	—	760,050,060
	1⅜		03182-UM		700	¾	1⅙	2	1⅙	⅝	½	—	080
4	1⅝		04138-UM	04138-XM	375	¾	1⅙	1⅝	1⅙	½	¾	—	050,060
	1½	04150-DM	04150-UM	04150-XM	600	¾	1¼	1⅜	1⅙	½	¾	—	760,070
	2	04200-DM	04200-UM	04200-XM	900	1	2¼	2⅝	1⅙	¾	½	1, ⅞, ⅝	200,290
5	1⅝		05138-UM	05138-XM	440	1	1⅙	1⅝	1⅙	½	¾	—	050,060
	1½	05150-DM	05150-UM	05150-XM	600	1	1⅙	2	1⅙	⅝	½	¾	760,070
	2	05200-DM	05200-UM	05200-XM	1000	1½	2¼	2⅝	1⅙	¾	½	1, ⅞, ⅝	200,290
6	1½	06150-DM	06150-UM	06150-XM	800	1¼	1⅙	2	1⅙	⅝	½	¾	070
	2	06200-DM	06200-UM	06200-XM	1200	2	2¼	2⅝	1⅙	¾	½	1, ⅞, ⅝	200,290
	2½	06250-TM	06250-UM	06250-XM	1500	3	2¾	2⅜	1⅙	1	¾	1¼, ⅞	300
	3	06301-TM	06301-UM	06301-XM	2400	4	3¼	3⅝	1⅙	1¼	1	1	500,600,700
8	2	08200-DM	08200-UM	08200-XM	1200	3¾	2¼	2⅝	1⅙	¾	½	1, ⅞, ⅝	200,290
	2½	08250-TM	08250-UM	08250-XM	1600	4¼	2¼	2⅜	1⅙	1	¾	1¼, ⅞	300
	3	08300-TM	08300-UM	08300-XM	2500	5	3¼	3⅝	1⅙	1	¾	—	400
		08301-TM	08301-UM	08301-XM		5	3¼	3⅝	1⅙	1¼	1	—	500,600,700
10	2½	10250-TM	10250-UM	10250-XM	1800	7	2¾	2⅜	1⅙	1	¾	1¼, ⅞	300
	3	10300-TM	10300-UM	10300-XM	3000	8	3¼	3⅝	1⅙	1	¾	—	400
		10301-TM	10301-UM	10301-XM		8	3¼	3⅝	1⅙	1¼	1	—	500,600,700
12	3	12300-TM	12300-UM	12300XM	3200	12	3¼	3⅝	1⅙	1	¾	—	400
		12301-TM	12301-UM	12301-XM		12	3¼	3⅝	1⅙	1¼	1	—	500,600
	3½	12350-TM	12350-UM	12350-XM	4000	12	4¼	4⅝	2⅙	1½	1¼	—	800,900
16	3	16300-TM	16300-UM	16300-XM	4000	25	4¼	4⅝	2⅙	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 1231-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 cushion 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						HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Delrin Bearings	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 with Bearing inches	Used in Caster Series
4	2	04200-DE	04200-BE	04200-UE	04200-XE	350	1	2⅓	2⅝	1⅓	¾	½	⅝	190, 200, 290
5	2	05200-DE	05200-BE	05200-UE	05200-XE	375	1¼	2⅓	2⅝	1⅓	¾	½	⅝	190, 200, 290
6	2	06200-DE	06200-BE	06200-UE	06200-XE	450	1¾	2¼	2⅝	1⅓	¾	½	⅝	190, 200, 290
8	2	08200-DE	08200-BE	08200-UE	08200-XE	450	2½	2⅓	2⅝	1⅓	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			HUB LENGTH		BORE DIMENSIONS						
Diameter inches	Tread Width inches	Plain 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
2	7⁄8	02087-PJ			100	1⁄8	1	1 1⁄32	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 9⁄16	—	3⁄8	3⁄8	3⁄8	—	750,050,060
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 15⁄16	—	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 9⁄16	—	3⁄8	3⁄8	3⁄8	—	050, 060
	1 1⁄2	05150-PJ			450	1	1 5⁄16	—	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	

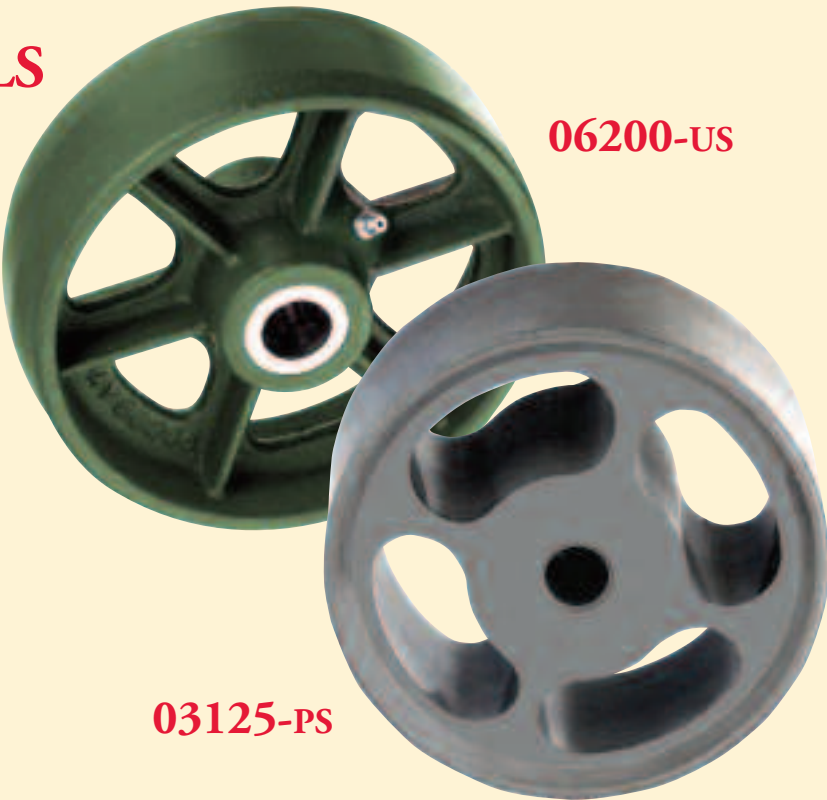
Payron

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					HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Plain, Oilite, 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
2	7⁄8	02087-PS			150	1⁄3	1	—	5⁄16	5⁄16	—	—	760, 020
2½	1	25100-PS			300	¾	1⅜	—	5⁄16	5⁄16	—	—	760, 050
3	1¼	03125-PS			300	1¼	1⅞	—	3⁄8	3⁄8	—	—	760,050,060
			03125-US	03125-XS				1⅝	1⅝	½	3⁄8	—	760,050,060
4	1⅜	04138-PS			600	2¼	1⅜	—	½	—	3⁄8	—	760,060,070
	1⅜		04138-US	04138-XS				1⅝	½	—	—	—	760,060,070
	2	04200-OS	04200-US	04200-XS				850	3½	2¼	2⅝	1⅜	¾
5	1½	05150-OS	05150-US	05150-XS	600	4	1⅝	2	1⅜	⅝	½	⅝	070
	2	05200-OS	05200-US	05200-XS	1050	4½	2¼	2⅝	1⅜	¾	½	⅝	190,200,290
6	2	06200-OS	06200-US	06200-XS	1100	5¾	2¼	2⅝	1⅜	¾	½	⅝	190,200,290
	2½		06250-US	06250-XS	1400	9	2¾	2⅜	1⅜	1	¾	⅞	300
	3	06301-TS	06301-US	06301-XS	2500	12	3¼	3⅝	1⅝	1¼	1	1	500, 600
8	2	08200-OS	08200-US	08200-XS	1200	9	2¼	2⅝	1⅜	¾	½	⅝	190,200,290
	2½		08250-US	08250-XS	1600	13	2¾	2⅜	1⅜	1	¾	⅞	300
	3	08300-TS	08300-US	08300-XS	2500	19	3¼	3⅝	1⅝	1	¾	—	400
		08301-TS	08301-US						1⅝	1¼	1	—	500, 600
10	2½	10250-TS	10250-US	10250-XS	2500	21	2¾	2⅜	1⅜	1	¾	1¼, ⅞	300
	3	10300-TS	10300-US	10300-XS		23	3¼	3⅝	1⅝	1	¾	—	400
	3	10301-TS	10301-US						1⅝	1¼	1	—	500, 600
12	3	12300-TS	12300-US	12300-XS	2500	27	3¼	3⅝	1⅝	1	¾	—	400
		12301-TS	12301-US						1⅝	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 Mikakush 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	1¼	1⅜ ₆	1⅝ ₆	½	¾	⅝ ₈	760, 070
	2		04200-UV	04200-XV	350	1½	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	190, 200, 290
		04200-BV						—	1⅜ ₈				
5	1½		05150-UV	05150-XV	325	1¾	1⅝ ₆	2	1⅞ ₆	⅝ ₈		¾ ₈	070
		05150-BV					1¾	—	1⅝ ₈			⅝ ₈ , ½	
	2		05200-UV	05200-XV	400	2	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	190, 200, 290
		05200-BV						—	1⅜ ₈				
6	1½		06150-UV	06150-XV	350	2	1⅝ ₆	2	1⅞ ₆	⅝ ₈		¾ ₈	070
		06150-BV					1¾	—	1⅝ ₈			⅝ ₈ , ½	
	2		06200-UV	06200-XV	450	2½	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	190, 200, 290
		06200-BV						—	1⅝ ₈				
	2½		06250-TV	06250-UV	540	4	2¾	2⅜ ₆	1⅞ ₆	1	¾	7⁄8	300
8	1⅝		08162-UV	08162-XV	450	3¼	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	190, 200, 290
		08162-BV						—	1⅝ ₈		—		
	2		08200-UV	08200-XV	500	4	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	300
		08200-BV						—	1⅝ ₈				
	2½		08250-TV	08250-UV	670	3¼	2¾	2⅜ ₆	1⅞ ₆	1	¾	1¼, 7⁄8	400
		08250-BV						—	2	1	—	7⁄8	
	3		08300-TV	08300-UV	840	4	3¼	3⅝	1⅝ ₆	1	¾	—	400
		08301-TV	08301-UV						1¼	1			500, 600
9	2¼		09225-BV		650	5¼	2¾		2	1	—	7⁄8	
10	2		10200-UV	10200-XV	700	6	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	300
		10200-BV						—	1⅝ ₈				
	2½		10250-TV	10250-UV	790	8	2¾	2⅝ ₆	1⅞ ₆	1	¾	1¼, 7⁄8	400
		10250-BV						—	2	1	—	7⁄8	
	3		10300-TV	10300-UV	1000	9	3¼	3⅝	1⅝ ₆	1	¾	—	400
		10301-TV	10301-UV						1¼	1			500, 600
12	3		12300-TV	12300-UV	1140	11	3¼	3⅝	1⅝ ₆	1	¾	—	400
		12301-TV	12301-UV						1¼	1			500, 600
14	3		14301-TV	14301-UV	1280	15	3¼	3⅝	1⅝ ₆	1¼	1	1	—
16	3		16300-TV	16300-UV	1420	19	3¼	3⅝	2⅞ ₆	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	1⅝	—	—	¾	—	—	050
5	1¼	05125-BN			170	1¼	1⅝	—	—	¾	—	—	050
6	2		06200-UN	06200-XN	350	3	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	190, 200, 290
		06200-BN						—	1⅝ ₈				
8	2		08200-UN	08200-XN	450	4¼	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	190, 200, 290
		08200-BN						—	1⅝ ₈				
10	2		10200-UN	10200-XN	550	6	2¼	2⅝ ₆	1⅜ ₆	¾	½	1, 7⁄8, ⅝ ₈ ⅝ ₈ , ½	
		10200-BN						—	1⅝ ₈				

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.

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
1½	¾	01062-OH	75	⅙	¾	—	—	⅜	—	—	760
2	⅞	02087-OH	150	⅛	1	—	—	—	—	—	760,010,020
	—	02000-OH			1⅜	—	—	⅝	—	—	000-009
2½	⅞	25000-OH	110	⅙	2⅝	—	—	—	—	—	000-009
	1⅞	25112-OH	200	¼	1⅝	—	—	⅝	—	—	760,050
3	⅜	03082-OH	150	¼	1	—	—	⅝	—	—	010,020
	1⅝	03137-OH	270	½	1⅞	—	—	⅞	—	—	760,050,060
3½	1¼	03125-OH	280	¾	1⅞	—	—	⅞	—	—	050,060
4	½	04100-OH	150	½	1⅞	—	—	⅝	—	—	020-028
	1¼	04125-OH	290	¾	1⅞	—	—	⅞	—	—	050,060
	1½	04150-OH	400	1	1¾	1⅜	—	½	⅜	—	760,070
	2	04200-OH	450	1½	2¼	2⅝	—	¾	½	—	190,200,290
5	⅜	05100-OH	150	1	1⅞	—	—	⅝	—	—	020-028
	1¼	05125-OH	300	1½	1⅞	—	—	⅞	—	—	050
	1⅝	05149-OH	310	1¾	1⅞	—	—	⅞	—	—	060
	1½	05150-OH	400	2	1⅝	2	—	⅞	½	—	070
	2	05200-OH	450	2½	2¼	2⅝	—	¾	½	—	190,200,290
6	1⅝	06137-OH	340	1¾	1⅞	—	—	⅞	—	—	050,060
	1½	06150-OH	450	1¾	1⅝	2	—	⅞	½	—	070
	2	06200-OH	560	3½	2¼	2⅝	—	¾	½	—	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.

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	⅙	¾	—	—	⅜	—	—	760
2	⅞	02087-OX	90	⅛	1	—	—	—	—	⅜	760,010,020
	—	02000-OX			1⅜	—	—	⅝	—	—	000-009
2½	⅞	25087-OX	100	⅙	1	—	—	⅝	—	—	010,020
	—	25000-OX			2⅝	—	—	⅝	—	—	000-009
	1⅞	25112-OX	140	¼	1⅝	—	—	⅝	—	—	760,050
3	⅜	03082-OX	100	¼	1	—	—	⅝	—	⅜	010,020
	1⅝	03137-OX	150	½	1⅞	—	—	⅞	—	—	760,050
3½	1¼	03125-OX	200	¾	1⅞	—	—	⅞	—	—	050,060
4	⅜	04100-OX	120	½	1⅞	—	—	⅝	—	—	020-028
	1¼	04125-OX	200	¾	1⅞	—	—	⅞	—	—	050,060
	1½	04150-OX	250	1	1¾	1⅜	—	½	⅜	—	760,070
	2	04200-OX	300	1½	2¼	2⅝	—	¾	½	—	190,200,290
5	1	05100-OX	130	1	1⅞	—	—	⅝	—	—	020-028
	1¼	05125-OX	200	1½	1⅞	—	—	⅞	—	—	050
	1½	05149-OX	220	1¾	1⅞	—	—	⅞	—	—	060
	1½	05150-OX	270	2	1⅝	2	—	⅞	½	—	070
	2	05200-OX	330	2½	2¼	2⅝	—	¾	½	—	190,200,290
6	1⅝	06137-OX	250	1¾	1⅞	—	—	⅞	—	—	050,060
	1½	06150-OX	290	1¾	1⅝	2	—	⅞	½	—	070
	2	06200-OX	400	3½	2¼	2⅝	—	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:**
- Derlin 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 180°F

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



06200-UK

MIRAFLEX AND MIRAKUSH POLYURETHANE WHEELS														
WHEEL		CATALOG NUMBER						HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Delrin Bearings	Ball & 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
3	1 ⁵ / ₁₆	03100-DR				125	3⁄8	1	—	—	5⁄ ₁₆	5⁄ ₁₆	—	010, 020
3½	1 1⁄8	35112-DR	35112-BR			200	½	1½	—	—	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	¾	1½	—	—	3⁄8	3⁄8	—	050, 060
	1½	04150-DK		04150-UK	04150-XK	300	1 1⁄8	1¾	1 ¹³ / ₁₆	1 ⁵ / ₁₆	½	3⁄8	5⁄8	070
	2	04200-DK		04200-UK	04200-XK	500	1¼	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	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 1⁄8	—	—	3⁄8	3⁄8	—	050, 060
	1½	05150-DK		05150-UK	05150-XK	300	1½	1 ⁵ / ₁₆	2	1 ¹ / ₁₆	5⁄8	½	¾	070
		05150-BK						1¾	—	1 ³ / ₈			5⁄8, ½	
	2	05200-DK		05200-UK	05200-XK	600	1¾	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	5⁄8, ½	190, 200, 290
6	1 1⁄8	06112-DR	06112-BR			275	1¼	1 5⁄8	—	—	3⁄8	3⁄8	—	050, 060
	1½	06150-DR		06150-UK	06150-XK	420	1¾	1 ⁵ / ₁₆	2	1 ¹ / ₁₆	5⁄8	½	¾	070
		06150-BK						1¾	—	1 ³ / ₈			5⁄8, ½	
	2			06200-UK	06200-XK	600	2	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	¾	5⁄8, ½	190, 200, 290
	2½			06200-BK				—	—	1 ³ / ₈				
	3			06301-TK	06301-UK	1200	4	3¼	3 3⁄8	1 ¹⁵ / ₁₆	1¼	1	7⁄8	300
8	2	08200-DK		08200-UK	08200-XK	800	3¼	2¼	2 ⁵ / ₁₆	1 ³ / ₁₆	¾	½	5⁄8	190, 200, 290
		08200-BK						—	—	1 ³ / ₈			5⁄8, ½	
	2½			08250-UK	08250-XK	1100	4¼	2¾	2 ¹³ / ₁₆	1 ¹ / ₁₆	1	¾	7⁄8	300
	3	08300-TK	08300-UK	08300-UK	08300-XK	1360	5	3¼	3 3⁄8	1 ¹⁵ / ₁₆	1¼	1	—	400
10	2½			10250-UK	10250-XK	1300	6	2¾	2 ¹³ / ₁₆	1 ¹ / ₁₆	1	¾	7⁄8	300
	3		10300-TK	10300-UK	10300-XK	1700	7	3¼	3 3⁄8	1 ¹⁵ / ₁₆	1¼	1	—	400
			10301-TK	10301-UK	10301-XK								—	500, 600
12	3		12300-TK	12300-UK	12300-XK	1900	10	3¼	3 3⁄8	1 ¹⁵ / ₁₆	1¼	1	—	400
			12301-TK	12301-UK	12301-XK								—	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						HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	Delrin Bearings	Ball & 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
3	1 ⁵ / ₁₆	03100-DF				145	3⁄8	1	—	—	5⁄ ₁₆	5⁄ ₁₆	—	010,020
3½	1 1⁄8	35112-DF	35112-BF			250	½	1 1⁄8	—	—	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 1⁄8	—	—	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 1⁄16	1 1⁄2	3⁄8	5⁄8	070
	2	04200-DT		04200-UT	04200-XT	500	1 1⁄4	2 1⁄4	2 5⁄16	1 3⁄16	3⁄4	1 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 1⁄8	—	—	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 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 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 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 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 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	2250	5	3 1⁄4	3 3⁄8	1 15⁄16	1	3⁄4	—	400
		08301-TT	08301-UT	08301-XT	1 1⁄4						1	—	500,600	
10	2 1⁄2			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	2250	7	3 1⁄4	3 3⁄8	1 15⁄16	1	3⁄4	—	400
			10301-TT	10301-UT	10301-XT						1 1⁄4	1	—	500,600
12	3		12300-TT	12300-UT	12300-XT	2250	10	3 1⁄4	3 3⁄8	1 15⁄16	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				HUB LENGTH		BORE DIMENSIONS					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	Axle Dia. w/spanner inches	Bore Variations inches	
6	2½		06250-UD	06250-XD	2800	9½	2¾	2¹³⁄₁₆	1⅙	1	¾	⅞	300
	3	06301-TD	06301-UD	06301-XD	8000	16½	3¼	3⅝	2⅞	1¼	1	—	500,600,700
	4	06400-TD	06400-UD	06400-XD	17000	21	4¼	4⅝	2⅞	1½	1¼	—	800, 900
8	2½		08250-UD	08250-XD	3500	15	2¾	2¹³⁄₁₆	1⅙	1	¾	⅞	300
	3	08300-TD	08300-UD	08300-XD	6000	20	3¼	3⅝	1¹⁵⁄₁₆	1	¾	—	400
		08301-TD	08301-UD							1¼	1	—	500,600,700
	4	08400-TD	08400-UD	08400-XD	17000	27	4¼	4⅝	2⅞	1½	1¼	—	800, 900
10	3	10301-TD	10301-UD	10301-XD	10000	29	3¼	3⅝	2⅞	1¼	1	—	500,600,700
	4	10400-TD	10400-UD	10400-XD	17000	34	4¼	4⅝	2⅞	1½	1¼	—	800, 900
12	4	12400-TD	12400-UD	12400-XD	17000	44	4¼	4⅝	2⅞	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 8000 lbs.

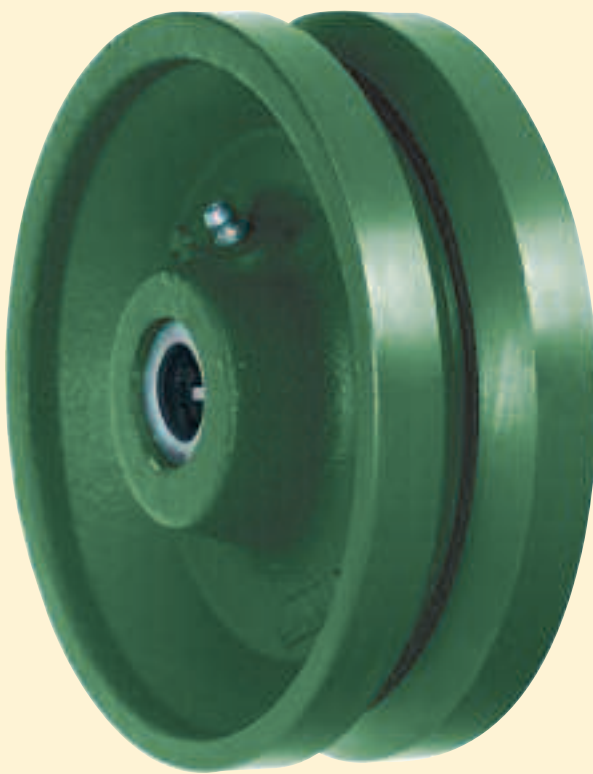
V-Grooved

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 59 for specifications.



06200-USG

V-GROOVED SEMI-STEEL AND DUCTILE 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-USG	04150-XSG	800	3¾	1¾	1 ¹³ / ₁₆	¹⁵ / ₁₆	½	¾	⁵ / ₈	760, 070
6	2		06200-USG	06200-XSG	1100	8	2¼	2 ⁵ / ₁₆	¹³ / ₁₆	¾	1	1, ⁷ / ₈ , ⁵ / ₈	190,200,290
	2½		06250-USG	06250-XSG	2000	14	2¾	2 ¹³ / ₁₆	2 ⁷ / ₁₆	1	¾	1¼, ⁷ / ₈	300
8	2		08200-USG	08200-XSG	1200	12	2¼	2 ⁵ / ₁₆	¹³ / 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 8000 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				HUB LENGTH		BORE DIMENSIONS				
Diameter inches	Tread Width inches	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	2	04200-UP	04200-XP	300	2	2 ³ / ₁₆	2 ⁵ / ₁₆	1 ³ / ₁₆	³ / ₄	¹ / ₂	1, ⁷ / ₁₆ , 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 / ₁₆ , 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 / ₁₆ , 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 / ₁₆ , 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-BW

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	
6	2	06200-BW		260	2 ¹ / ₂	2 ¹ / ₂		—	³ / ₄	¹ / ₂	190, 200
8	2.80-4	08300-BW		320	4 ¹ / ₂	3 ¹ / ₄	3 ³ / ₈	—	1	³ / ₄	400
10	3.50-4	10400-UW		515	8	4 ¹ / ₄	3 ³ / ₈	—	1	³ / ₄	400
12	4.00-6	12400-UW		700	12	4 ¹ / ₄	4 ³ / ₈	—	1	³ / ₄	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
1⁄2 x 3⁄8 x 1 1⁄2	080626-SH	760-3, 050-3 to 6, 060-3 to 6
1⁄2 x 3⁄8 x 1 13⁄16	080629-SH	070-4, 760-4
1⁄2 x 3⁄8 x 1 15⁄32	080624-SH	050, 060-WK
5⁄8 x 1⁄2 x 1 1⁄8	100830-SH	070-5 and 6-WK
5⁄8 x 1⁄2 x 2	100832-SH	080-3, 070-5, 070-6
3⁄4 x 1⁄2 x 2 3⁄16	120837-SH	190, 200, 290
3⁄4 x 1⁄2 x 2 1⁄16	100833-SH	190, 200, 290-WK

SPANNER BUSHINGS		
O.D. x I.D. x Length	CATALOG NUMBER	Fits Caster Size
5⁄16 x 1⁄4 x 1 1⁄32	050417-SP	020-3 TG
5⁄16 x 1⁄4 x 1 1⁄16	050423-SP	760-2 1⁄2 TG, 050-2 1⁄2 TG
3⁄8 x 5⁄16 x 1 1⁄16	060527-SP	760-3 TG, 050-3 TG
1 x 3⁄4 x 2 13⁄16	161245-SP	300
1 x 3⁄4 x 3 3⁄8	161254-SP	400
1 1⁄4 x 1 x 3 3⁄8	201654-SP	500, 600, 700
1 x 3⁄4 x 4 3⁄8	161270-SP	10, 12" Full Pneumatic
1 1⁄2 x 1 1⁄4 x 4 3⁄8	242074-SP	800, 900
1 x 3⁄4 x 3 7⁄32	161251-SP	400-TK/TT

SHOULDERED AXLES		
Shoulder x Length	CATALOG NUMBER	Fits Caster Size
1⁄4 x 5⁄16 x 1 1⁄8	040518-AP	020-2 & 3"
1⁄4 x 5⁄16 x 1 1⁄32	040521-AP	020-4, 5"
1⁄4 x 5⁄16 x 1 13⁄32	040526-AP	760-2 1⁄2, 050-2 1⁄2
1⁄4 x 5⁄16 x 2 3⁄32	040535-AP	020-2, 3"-DW
5⁄16 x 3⁄8 x 3 23⁄64	050654-AP	050-4-DW, 060-3-DW
1⁄4 x 5⁄16 x 2.47	040640-AP	020-2, 3-DW-WK
3⁄4 x 5⁄16 x 1 23⁄32	040528-AP	760-2 1⁄2, 050-2 1⁄2

SHOULDERED AXLES			
Shoulder x Length	CATALOG NUMBER		Fits Caster Size
	Plain Axles	Zerk Axles	
5⁄16 - 3⁄8 x 1 25⁄32	050628-AP	050628-AZ	760-3, 050-3 to 6, 060-3 to 6"
5⁄16 - 3⁄8 x 1 13⁄16	050629-AP	050629-AZ	061-3 to 6"

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

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



► BEARINGS

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

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/750-2 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"

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"

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

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 3⁄32 x 3⁄8	1507-BF	050, 060

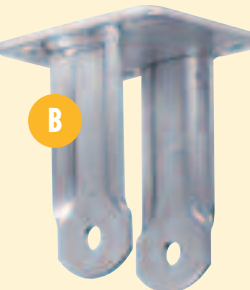
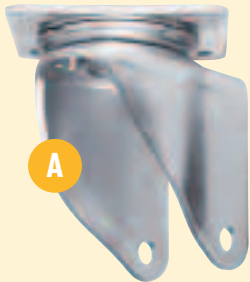
DELRIN BEARINGS		
O.D. x I.D. x Length	CATALOG NUMBER	Fits Caster Size
5⁄16 x 1⁄2 x 1 3⁄4	1400-DB	760-4, 070-4
1 1⁄16 x 5⁄8 x 1 1 5⁄16	1401-DB	070-5 & 6, 080-3
1 3⁄16 x 3⁄4 x 2 1⁄4	1402-DB	190, 200, 290
3⁄8 x 3⁄8 x 7⁄8	1404-DB	050, 060
7⁄16 x 5⁄16 x 1 5⁄16	1406-DB	020-2 & 3
7⁄16 x 5⁄16 x 1 1⁄8	1407-DB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

► 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.)



Conveyors & Material Handling

Payson offers a variety of material handling products to cover a broad range of industrial applications. We manufacture platform trucks, carts, conveyors, ball transfers, and more. If you desire a standard or custom product not shown in this selection, please consult the factory.

► SECURITY TRUCK

Flattened 14 gauge expanded metal truck has ¾" openings for visibility. 14 gauge reinforced deck and shelf with 1½" angle uprights. Two doors may be secured with padlock. Two rigid and two swivel 5" phenolic casters.

SECURITY TRUCK VOP SERIES			
Overall Dimensions width x length x height (inches)	CATALOG NUMBER	Capacity lbs	Weight lbs
30 x 48 x 57½	VOP-4830-5UM	1000	204



VOP-4830-5UM



190-SRM-0312

► CONVEYORS

Gravity Roller and Skate Wheel conveyors are extremely popular and are standards in the industry. They are ideal for the movement of light, medium, and heavy weight packages. These conveyors are easily portable and can be used as temporary or permanent conveyor lines.

General Specifications:

Rollers: ¾" to 3½" diameter. Heavy gauge formed channels with cross braces. Hook and Rod couplers are standard on light and medium duty conveyors, Butt couplers on heavy duty.

Sizes:

Roller centers: 1½", 3", 4½", 6", and 12". Available in any overall width. Available in any length; most common are 5' and 10' lengths.

Also Available:

All types of gravity, power, and overhead conveyors. Aluminum and Stainless conveyors, PVC rollers. Curves and Spurs. Stationary and portable conveyor stands.

► ROLLER STANDS

The height of the roller stands is adjustable to fit your particular application. Highly portable. Can be used anywhere within the plant or warehouse. Strong and durable. Capacity: 300 lbs.

ROLLER STANDS				
Overall Width inches	CATALOG NUMBER	Adjustable Height inches	Cap Each lbs	Shipping Weight lbs
18	RS-2339	23 to 39	300	17
18	RS-2850	28 to 50	300	17
18	VRS-2638	26 to 38	300	17



RS-2339



VRS-2638



PLATFORM TRUCK

With 8" mold on rubber wheels

► WOOD DECK PLATFORM TRUCKS

The wood platform is a 1¼" hardwood deck, sanded and double varnished for appearance, longer wear and durability. Reinforced cross members lend additional support.

End Racks:

The end racks are removable, constructed of thick wall pipe, easily inserted into heavy pipe sockets.

Casters:

The casters (2 swivel and 2 rigid) are bolted to the cross members, are standard with 2 hardened ball bearing swivel raceways, lubrication fittings, and a selection of wheels.

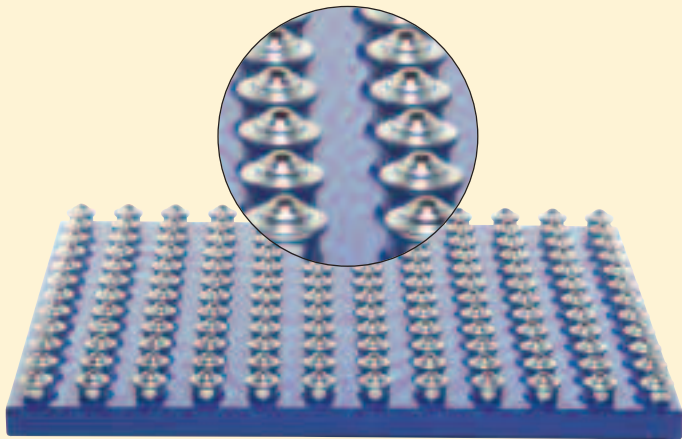
Optional Features:

See price list for optional features such as bumpers and casters. Racks and angle frames available.

WOOD DECK PLATFORM TRUCKS					
Platform Size inches	Wheel Size & Type	CATALOG NUMBER	Cap Each lbs	Approx Weight lbs	Platform Height lbs
22 x 40	8" x 2" Plexite Phenolic Resin	WD-2440-8UP	2000	112	12
24 x 48		WD-2448-8UP	2000	122	12
27 x 54		WD-2754-8UP	2000	132	12
30 x 60		WD-3060-8UP	2000	157	12



LPD 2319-2OH-DW



BALL TRANSFER TABLE

► ELECTRONICS CABINET

12 gauge steel construction, 23 $\frac{1}{8}$ " x 19 $\frac{1}{8}$ " deck with $\frac{1}{2}$ " ridge on 3 sides. $\frac{5}{8}$ " lip on front side. 4 hard rubber dual wheel casters for stability and low over-all height. Ideal for Hospital Equipment, Computer Cabinets, Sound Equipment, Institutional Use. Optional grounding drag chain available.

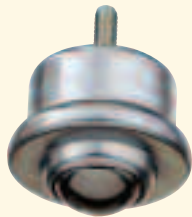
ELECTRONICS CABINET		
CATALOG NUMBER	Capacity (lbs)	Approx Weight (lbs)
LPD 2319-20H-DW	800	20

► BALL TRANSFER TABLE

The ball transfer table is ideal for products which must be rotated or positioned from one work station to another. Steel balls are friction-free and easily glide boxes, packages, etc. in any direction. Can be floor mounted or placed on adjustable stands for work-height jobs. Three separate styles of balls available. Custom made tables and inverted caster tables are optional. Consult Factory.

Ball Transfer Table						
Size (inches)	3" Spacing		4" Spacing		6" Spacing	
	Catalog Number	Weight (lbs)	Catalog Number	Weight (lbs)	Catalog Number	Weight (lbs)
24 x 24	BTT-2424-3	54	BTT-2424-4	48	BTT-2424-6	34
24 x 36	BTT-2436-3	73	BTT-2436-4	56	BTT-2436-6	49
24 x 48	BTT-2448-3	100	BTT-2448-4	81	BTT-2448-6	67
36 x 36	BTT-3636-3	110	BTT-3636-4	95	BTT-3636-6	69
36 x 48	BTT-3648-3	145	BTT-3648-4	115	BTT-3648-6	91
48 x 48	BTT-4848-3	189	BTT-4848-4	150	BTT-4848-6	123

Steel Transfer Balls Available:



Model No. 1001
1" ball has cap. of 50 lbs.
Stem mount -20 thread.
1 $\frac{1}{6}$ " high.



Model No. 201
1½" ball has cap. of 250 lbs.
Flange mount. 1¹³⁄₁₆" high.



Model No. 101
1" ball has cap. of 75 lbs.
Flange mount. 1³/₁₆" high.

Notes:

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Conversion Chart

INCHES, DECIMALS, AND MILLIMETERS

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

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

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

49/64	.7656	19.446
25/32	.7812	19.843
51/64	.7968	20.240
13/16	.8125	20.637
53/64	.8281	21.034
27/32	.8437	21.431
55/64	.8593	21.828
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
9/64	.1406	3.571
5/32	.1562	3.968
11/64	.1718	4.365
3/16	.1875	4.762
13/64	.2031	5.159
7/32	.2187	5.556
15/64	.2343	5.953
1/4	.2500	6.350

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

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

57/64	.8906	22.621
29/32	.9062	23.018
59/64	.9218	23.415
15/16	.9375	23.812
61/64	.9531	24.209
31/32	.9687	24.606
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

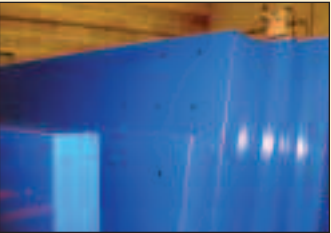
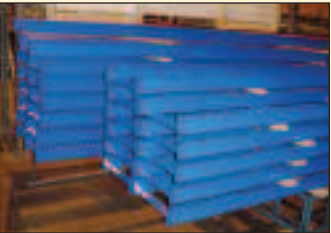
STATE-OF-THE-ART TECHNOLOGY

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:

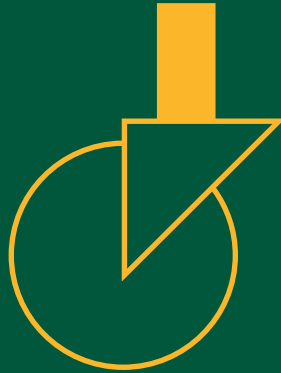
The state-of-the-art powder coating system consists of a three stage pretreatment washer and a combination dry-off and cure oven that can reach temperatures of 500 degrees. Roll-A-Way can coat parts up to 3.5’ wide and 6’ in height in any high volume. The system is entirely automated with American Overhead’s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



► WHERE TO FIND US

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Gurnee, IL 60031
Toll Free: 800-323-4552
Phone: 847-336-6200
Fax: 847-336-6542
- Roll-A-Way and American Overhead Conveyors**
2335 Delaney Road
Waukegan, IL 60031
Phone: 847-336-5033
- Nagel Chase Pulleys**
2337 Delaney Road
Gurnee, IL 60031
Phone: 847-336-4494
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6900 Cherry Avenue
Long Beach, CA 90805
Phone: 562-602-2400
- Payson Texas**
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Phone: 214-352-1765
- Payson Georgia**
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Payson Casters, Inc./Roll-A-Way Conveyors, American Overhead Conveyors, and Nagel Chase Pulleys are headquartered in Gurnee, IL.



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