



*Committed to your success!®*

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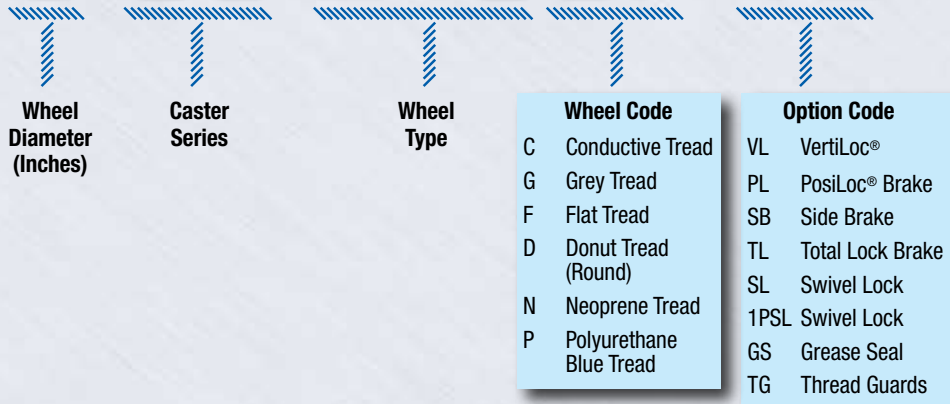


# Jarvis Model Numbers

## Casters

Below model is a 5" wheel diameter 30 Series swivel caster with Flat Tread Advantage wheel with VertiLoc® brake.

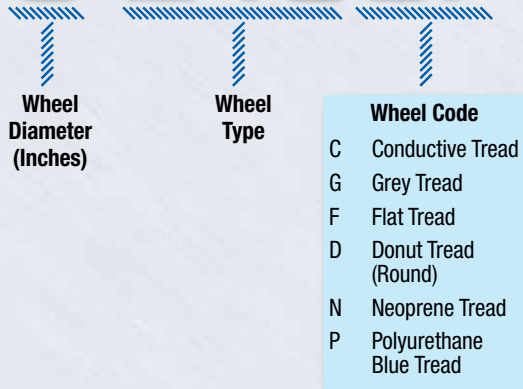
# 5-30-213GF VL



## Wheels

Below model is a 5" wheel diameter Flat Tread Advantage wheel with ball bearing.

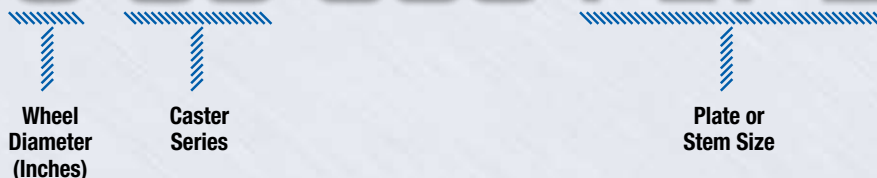
# 5-213GF



## Forks

Below model is a 5" diameter 30 Series swivel fork.

# 5-30-000-PLT 2



# Wheel Selection Guide

This chart is designed to provide the user a general comparison of Jarvis wheel types on a variety of floor surfaces and under a wide range of operating conditions. For specific applications or unusual conditions, please consult factory:

**Standard Jarvis grease temperature range: -45°F to +260°F.**

Wheel Type	Capacity Range Per Wheel	Temperature Range	Hardness	Page Number
CUSHION / SOLID RUBBER	Up to 260 lbs.	-30° to +160° F	75 (±) 5 (A)	76-77
HARD / SOLID RUBBER	Up to 400 lbs.	-30° to +160° F	75 (±) 5 (D)	77
WELDED DISC / RUBBER	Up to 250 lbs.	-40° to +160° F	75 (±) 5 (A)	78
WELDED DISC / POLYURETHANE	Up to 300 lbs.	-40° to +180° F	95 (±) 5 (A)	78
ADVANTAGE TPR	Up to 675 lbs.	-40° to +180° F	65 (±) 5 (A)	81-82
HIGH MODULUS RUBBER	Up to 550 lbs.	-40° to +160° F	65 (±) 5 (A)	87
FULL PNEUMATIC RUBBER	Up to 470 lbs.	-20° to +160° F	-----	87
POLYOLEFIN	Up to 900 lbs.	-20° to +180° F	65 (±) 5 (D)	88
HI-TEMP RESIN	Up to 600 lbs.	-20° to +475° F	75 (±) 5 (D)	88
POLYLOC GREY OR BLUE POLYURETHANE	Up to 1,000 lbs.	-30° to +180° F	95 (±) 5 (A)	79-80
SOLID ELASTOMER	Up to 1,250 lbs.	-40° to +230° F	73 (±) 5 (D)	83
MOLDON RUBBER / ALUMINUM CORE	Up to 500 lbs.	-40° to +160° F	75 (±) 5 (A)	84
MOLDON POLYURETHANE / ALUMINUM CORE	Up to 1,200 lbs.	-40° to +160° F	55 (±) 5 (D)	85
MOLDON RUBBER / CAST IRON CORE	Up to 500 lbs.	-40° to +160° F	75 (±) 5 (A)	86
MOLDON POLYURETHANE / CAST IRON CORE	Up to 1,500 lbs.	-30° to +180° F	55 (±) 5 (D)	86
PHENOLIC	Up to 1,400 lbs.	-45° to +250° F	90(±) 5 (D)	89
CAST IRON	Up to 1,500lbs.	-45° to +250° F	-----	90
V-GROOVE	Up to 1,000 lbs.	-45° to +250° F	-----	90

## Floor Surfaces

Wheel Type	Carpet	Brick	Concrete	Linoleum	Asphalt	Terrazzo	Wood	Smooth Steel	Ribbed Steel	Tile
CUSHION / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HARD / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADVANTAGE TPR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HIGH MODULUS RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FULL PNEUMATIC RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYOLEFIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HI-TEMP RESIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYLOC GREY OR BLUE POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOLID ELASTOMER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAST IRON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V-GROOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

## Operating Conditions

Wheel Type	Water	Steam	Mild Chemicals	Oil/Grease	Metal Chips	High Heat > +250°F	Extreme Cold -20°F	Animal Fats	Noise Reduction	Floor Protection	Shock Absorption
CUSHION / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HARD / SOLID RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
WELDED DISC / POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
ADVANTAGE TPR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HIGH MODULUS RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
FULL PNEUMATIC RUBBER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYOLEFIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HI-TEMP RESIN	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
POLYLOC GREY OR BLUE POLYURETHANE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SOLID ELASTOMER	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / ALUMINUM CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON RUBBER / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
MOLDON POLYURETHANE / CAST IRON CORE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PHENOLIC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
CAST IRON	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
V-GROOVE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



# Wheel Bearings



**Sintered Iron Bearing**

An economical, oil-impregnated bearing suited for light loads or heavier loads that are stationary most of the time. Recommended for applications where rolling ease is not critical or lubrication is difficult.



**Plain Bearing**

Refers to wheel bearing bore riding directly on spanner bushing or axle. A cost effective bearing used for applications where rolling ease is not important.



**Delrin® Bearing**

A Dupont engineered plastic, this bearing is well suited to conditions of frequent exposure to water, steam cleaning, liquids and corrosion. Used in pairs, they are self-lubricating and designed to withstand high humidity and high moisture conditions that will rust metal bearings.



**Roller Bearing**

A popular bearing for wheels from 1-1/2" to 2-1/2" wide and for heavier loads. The roller bearing carries greater loads than same size ball bearing with excellent rolling ease. It has split outer hardened steel raceway into which roller assembly cage is inserted. This bearing must be used on a hardened steel spanner bushing or axle. **Stainless steel roller bearing available—consult factory.**



**Flanged Radial Ball Bearing**

Non-precision industrial grade bearings are press-fitted into wheel hubs.



**Precision Sealed Ball Bearing**

For maximum rolling ease with no lubrication required. Integral spanner bushing eliminates need for separate spanner bushing.



**Ball Bearing**

Recommended for lighter loads where maximum rolling ease is required. Because of minimal ball contact area, ball bearings are the least frictional type of caster wheel bearing. They require less effort to start rolling and keep rolling than other bearing types. Ball bearings are generally factory installed in wheels.

**BEARINGS / FINISHES**

## Special Finishes

In addition to our standard zinc and nickel plating, Jarvis offers the industry's largest selection of special plating and finish options. These special finishes can enhance the appearance of your equipment or offer extra protection in harsh environments. Shown below is a representative sampling of a few of these optional finishes. Please consult factory for pricing and availability.



*Black Phosphate*



*Bright Chrome*



*Yellow Chromate*



*Bright Brass*

# Special Caster Designs

Jarvis specializes in specials. We have a long established reputation for designing and building unique designs that meet our customer's special needs. Below are a few examples of our engineering & manufacturing capabilities.



*Low profile shock absorbing caster provides extra cushion ride for important cargo.*

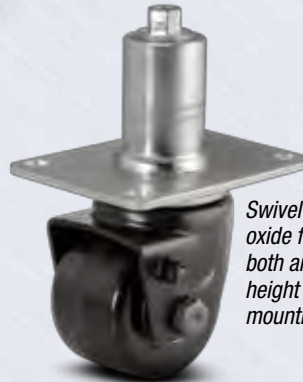


*Unique tabbed top plate is designed for installation on equipment. Tabs are bent down during installation to secure to equipment.*



*Highly polished brass finish improves the appearance of food service carts and banquet tables.*

*Adjustable load height stem caster especially designed for food service equipment. Ring on stem marks maximum adjustment height when mounted on threaded stem equipment leg.*



*Swivel caster with black oxide finish features both an adjustable load height stem and top plate mounting.*



*"Waffle" design rigid fork allows for multiple wheel positions.*



*Heavy duty, shock absorbing casters feature unique Jarvis torsion spring design to provide a smooth ride over rough floors and obstacles. Mag-style wheel adds to the visual appeal of this caster used on heavy duty tool boxes.*

**SPECIAL CASTER DESIGNS**



*Adjustable height leg caster allows for flexible working heights on food service equipment that requires leveling on uneven floors.*



*Extra long threaded stem caster is designed to meet customer's requirements.*



*Special 30 Series caster with brake and combination top plate and adjustable stem.*



*Dual spring ring stem caster is used to connect two mobile racks together for a special customer application.*



*Extra large, double spring ring square stem holds this 31 Series rigid caster securely in place.*



*Pneumatic casters with special brass plating are well suited to bellman carts and high-end institutional equipment.*



*Swivel caster features large top plate with easy-to-reach, foot operated direction lock for straight tracking down long hallways.*

**SPECIAL CASTER DESIGNS**

# L2-L9 Series

## Light Duty

Capacity to 75 pounds each

### FEATURES

- ✓ **Finish:** nickel plating to resist rust and corrosion.
- ✓ **Swivel Construction:** durable double ball raceway.
- ✓ **Axle:** 1/4" diameter.

### CASTER OPTIONS

- ✓  **Brake:** available on quantity orders—consult factory.



**3-L2-201G**  
(shown in photo)



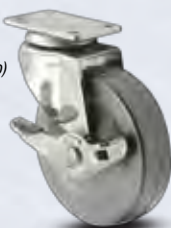
**3-L3-201G**  
(shown in photo)



**3-L4-201G**  
(shown in photo)



**3-L5-101**  
(shown in photo)



**3-L9-201G**  
(shown in photo)

### L2 Round Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Round Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2	13/16	CUSHION RUBBER	PLAIN	75	2-L2-201G	2 1/2	17/8
3		CUSHION RUBBER	PLAIN	75	3-L2-201G	3 1/2	29/16

**Stem Size:** For metal sockets 7/16" diameter x 1-29/32" long

### L3 Spring Ring Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2	13/16	CUSHION RUBBER	PLAIN	75	2-L3-201G	2 1/2	17/8
3		CUSHION RUBBER	PLAIN	75	3-L3-201G	3 1/2	29/16

**Stem Size:** 7/16" diameter x 1-3/8" long

### L4 Threaded Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2	13/16	CUSHION RUBBER	PLAIN	75	2-L4-201G	2 1/2	17/8
3		CUSHION RUBBER	PLAIN	75	3-L4-201G	3 1/2	29/16

**Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 3-L4-201G **STEM1**)

**STEM 1:** 5/16" diameter – 18 x 3/4" long

**STEM 3:** 3/8" diameter – 16 x 1-1/2" long

**STEM 2:** 3/8" diameter – 16 x 1" long

### L5 Ladder Style Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Ladder Style Model Number	Load Height (Inches)	Swivel Radius (Inches)
2	13/16	CUSHION BLACK RUBBER	PLAIN	75	2-L5-101	2 1/2	17/8
3		CUSHION BLACK RUBBER	PLAIN	75	3-L5-101	3 1/2	29/16

**Stem Size:** 5/16" diameter – 18 x 4-3/4" long with 5/8" thread length at top of stem; bottom stem flange is 9/16" diameter x 1-13/16" long

### L9 Swivel Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Top Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
2	13/16	CUSHION RUBBER	PLAIN	75	2-L9-201G	2 1/2	17/8
3		CUSHION RUBBER	PLAIN	75	3-L9-201G	3 1/2	29/16

**Top Plate Size:** 1-3/16" x 2" • **Bolt Hole Spacing:** 13/16" x 1-9/16" • **Mounting Bolt Size:** 3/16" diameter



# 291 Series

## General Duty

Capacity to 400 pounds each

### FEATURES

- ✓ **Design:** low profile design for lower equipment height.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** large raceways are deeply embossed for extra strength and bearing surface. Special precision kingpin engineered for thrust absorption and long service life.
- ✓ **Axle:** Nut and bolt axles.

### CASTER OPTIONS



✓ **Brake:** available on quantity orders—consult factory.



**3-292-106**  
(shown in photo)

**3-291-106**  
(shown in photo)

### MOUNTING OPTIONS

#### Swivel Casters:

Wheel Diameter (Inches)	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
2	1-7/8" x 2-5/8"	15/16" x 2-1/8"	1/4
2-1/2	2-5/8" x 3-3/4"	1-3/4" x 3"	5/16
3	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16
4	4" x 5"	3" x 4"	3/8

#### Rigid Casters:

Wheel Diameter (Inches)	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
2	1-7/8" x 2-5/8"	15/16" x 2-1/8"	1/4
2-1/2	2-1/8" x 4-3/8"	1-1/16" x 3-15/32"	5/16
3	2-1/2" x 4-7/8"	1-3/16" x 4"	5/16
4	3-1/4" x 6-1/4"	1-3/4" x 5"	3/8

291 SERIES

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2	1	CUSHION GREY / SOLID RUBBER	SINTERED	90	2-291-103	2-292-103	3/4	2 1/2	1 11/16
		POLYOLEFIN	PLAIN	120	2-291-501	2-292-501			
		HARD TREAD / SOLID RUBBER	SINTERED	125	2-291-104	2-292-104			
		CAST IRON	PLAIN	125	2-291-120	2-292-120			
2 1/2	1 1/8	CAST IRON	PLAIN	125	2-1/2-291-120	2-1/2-292-120			
3	1 9/32	CUSHION GREY / SOLID RUBBER	DELTRIN	140	3-291-105	3-292-105	1 3/8	3 13/16	2 5/16
		HARD TREAD / SOLID RUBBER	DELTRIN	180	3-291-106	3-292-106			
	1 1/4	CAST IRON	PLAIN	250	3-291-120	3-292-120	2		
		POLYOLEFIN	PLAIN	250	3-291-521	3-292-521			
4	1 5/8	CUSHION GREY / SOLID RUBBER	SINTERED	240	4-291-109	4-292-109	3 1/2	5	2 15/16
		HARD TREAD / SOLID RUBBER	ROLLER	240	4-291-210	4-292-210			
		HARD TREAD / SOLID RUBBER	SINTERED	400	4-291-110	4-292-110			
		CUSHION GREY / SOLID RUBBER	ROLLER	400	4-291-209	4-292-209			
	1 1/2	CAST IRON	PLAIN	400	4-291-130	4-292-130	4 1/2		
		CAST IRON	ROLLER	400	4-291-230	4-292-230			

# Business Machine

## Dual Wheel

Capacity to 200 pounds each

### FEATURES

- ✓ **Design:** low profile design for lower equipment height.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** durable double ball raceway.
- ✓ **Axle:** 5/16" diameter nut & bolt.

### CASTER OPTIONS

- ✓  **Hex Head Brake:** to order, add "HHBRK" to end of caster model number.
- ✓  **Thumb Screw Brake:** to order, add "TSBRK" to end of caster model number.
- ✓  **Black Oxide Finish:** consult factory.
- ✓ **Optional plates and stems:** wide variety available—consult factory.
- ✓ **Swivel Models Less Dust Cap:** consult factory.
- ✓ **Brass Spring Ring:** available on spring ring stem models (consult factory).

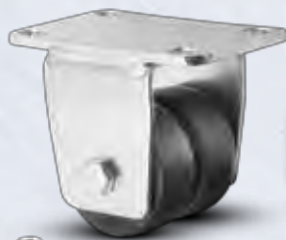


22-30-102-2  
(shown in photo)

### Swivel Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
2" Dual	13/16	CUSHION GREY / SOLID RUBBER	SINTERED	160	22-30-101-2	2 15/16	2
		HARD TREAD / SOLID RUBBER	SINTERED	200	22-30-102-2		
	7/8	POLYOLEFIN	PLAIN	200	22-30-501-2		

Top Plate Size: 2-3/8" x 3-5/8" • Bolt Hole Centers: 1-3/4" x 3" • Mounting Bolt Size: 5/16" diameter



22-31-102-2  
(shown in photo)

### Rigid Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Rigid Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
2" Dual	13/16	CUSHION GREY / SOLID RUBBER	SINTERED	160	22-31-101-2	2 15/16	N/A
		HARD TREAD / SOLID RUBBER	SINTERED	200	22-31-102-2		
	7/8	POLYOLEFIN	PLAIN	200	22-31-501-2		

Top Plate Size: 2-3/8" x 3-5/8" • Bolt Hole Centers: 1-3/4" x 3" • Mounting Bolt Size: 5/16" diameter



22-34-102  
(shown in photo)

### Spring Ring Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Model Number	Load Height (Inches)	Swivel Radius (Inches)
2" Dual	13/16	CUSHION GREY / SOLID RUBBER	SINTERED	160	22-34-101	2 3/4	2
		HARD TREAD / SOLID RUBBER	SINTERED	200	22-34-102		
	7/8	POLYOLEFIN	PLAIN	200	22-34-501		

Stem Size: 7/16" diameter x 1-3/8" long. Brass spring ring is available (consult factory).



22-36-102  
(shown in photo)

### Threaded Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2" Dual	13/16	CUSHION GREY / SOLID RUBBER	SINTERED	160	22-36-101	2 3/4	2
		HARD TREAD / SOLID RUBBER	SINTERED	200	22-36-102		
	7/8	POLYOLEFIN	PLAIN	200	22-36-501		

Standard Stem Size: 1/2" diameter-13 x 1-3/4" long



# Business Machine




## Single Wheel

Capacity to 350 pounds each

### FEATURES

- ✓ **Design:** low profile design for lower equipment height.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** durable double ball raceway.
- ✓ **Axle:** Nut and bolt axle.  
2-1/2" wheels use 5/16" diameter axle.  
3" wheels use 3/8" diameter axle.

### CASTER OPTIONS

- ✓  **VertiLoc® Brake:** Available on 3" models only. To order, add "VL" to end of model number.
- ✓  **PosiLoc® Brake:** Available on 3" models only. To order, add "PL" to end of model number.
- ✓  **Black Oxide Finish:** consult factory.
- ✓ **Optional plates and stems:** wide variety available—consult factory.



**3-W25-521-4**  
*(shown in photo)*



**3-W26-521-4**  
*(shown in photo)*



**3-W14-521**  
*(shown in photo)*



**3-W13-521**  
*(shown in photo)*

### Swivel Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/8	POLYOLEFIN	PLAIN	200	2-1/2-25-511-4	3 5/16	2 3/8
	1 3/8	POLYOLEFIN	BALL	350	2-1/2-3A-522-2	3 7/16	2 1/2
3	1 1/4	POLYOLEFIN	PLAIN	300	3-W25-521-4	3 13/16	2 7/8
	1 1/2	PHENOLIC	PLAIN	300	3-W25-121-4	3 13/16	2 7/8

**Top Plate Size:** 2-3/8" x 3-5/8" • **Bolt Hole Centers:** 1-3/4" x 3" •  
**Mounting Bolt:** 5/16" diameter

### Rigid Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Rigid Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	POLYOLEFIN	PLAIN	300	3-W26-521-4	3 13/16	N/A
	1 1/2	PHENOLIC	PLAIN	300	3-W26-121-4	3 13/16	N/A

**Top Plate Size:** 2-3/8" x 3-5/8" • **Bolt Hole Centers:** 1-3/4" x 3" •  
**Mounting Bolt:** 5/16" diameter

### Spring Ring Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/8	POLYOLEFIN	PLAIN	200	2-1/2-14-511	3 5/16	2 3/8
	1 3/8	POLYOLEFIN	BALL	350	2-1/2-34-522	3 7/16	2 1/2
3	1 1/4	POLYOLEFIN	PLAIN	300	3-W14-521	3 13/16	2 7/8
	1 1/2	PHENOLIC	PLAIN	300	3-W14-121	3 13/16	2 7/8

**Stem Size:** 7/16" diameter x 1-3/8" long

### Threaded Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/8	POLYOLEFIN	PLAIN	200	2-1/2-13-511	3 5/16	2 3/8
	1 3/8	POLYOLEFIN	BALL	350	2-1/2-36-522	3 7/16	2 1/2
3	1 1/4	POLYOLEFIN	PLAIN	300	3-W13-521	3 13/16	2 7/8
	1 1/2	PHENOLIC	PLAIN	300	3-W13-121	3 13/16	2 7/8

**Standard Stem Size:** 1/2" diameter x 1 1/2" long

BUSINESS MACHINE

# Business Machine


## Single Wide Wheel


Capacity to 500 pounds each

### FEATURES

- ✓ **Design:** low profile design for lower equipment height.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** durable double ball raceway.
- ✓ **Axle:** 3/8" diameter nut & bolt.

### CASTER OPTIONS

✓  **VertiLoc® Brake:** available on 3" swivel models only. To order, add "VL" to end of model number.

✓  **Black Oxide Finish:** consult factory.

✓ **Optional plates and stems:** wide variety available—consult factory.

### Swivel & Rigid Plate Mounting Options

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
PLT 2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT 3	3-1/8" x 4-1/8"	2-3/8" x 3-3/8"	5/16"
PLT 4	4" x 4"	3" x 3"	3/8"
PLT 5	3-3/4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"

Swivel & Rigid Caster Mounting Options: (Example: 2-1/2-130-222 PLT 2)

### Swivel Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 13/16	PHENOLIC	ROLLER	400	2-1/2-130-222	3 1/2	2 1/8
		POLYOLEFIN	PLAIN	400	2-1/2-130-531		
		POLYOLEFIN	ROLLER	400	2-1/2-130-532		
3	1 13/16	POLYOLEFIN	ROLLER	500	3-130-532	4	2 3/8
		PHENOLIC	ROLLER	500	3-130-222		

### Rigid Top Plate

3	1 13/16	POLYOLEFIN	ROLLER	500	3-131-532	4	N/A
		PHENOLIC	ROLLER	500	3-131-222		

### Spring Ring Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2-1/2	1 13/16	PHENOLIC	ROLLER	400	2-1/2-134-222	3 1/2	2 1/8
		POLYOLEFIN	PLAIN	400	2-1/2-134-531	3 1/2	2 1/8
		POLYOLEFIN	ROLLER	400	2-1/2-134-532	3 1/2	2 1/8
3	1 13/16	POLYOLEFIN	ROLLER	500	3-134-532	3 53/64	2 3/8
		PHENOLIC	ROLLER	500	3-134-222	3 53/64	2 3/8

Stem Size: 7/8" diameter x 2-3/16" long

### Threaded Stem

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number	Load Height (Inches)	Swivel Radius (Inches)
2-1/2	1 13/16	PHENOLIC	ROLLER	400	2-1/2-136-222	3 3/4	2 1/8
		POLYOLEFIN	PLAIN	400	2-1/2-136-531	3 3/4	2 1/8
		POLYOLEFIN	ROLLER	400	2-1/2-136-532	3 3/4	2 1/8
3	1-13/16	POLYOLEFIN	ROLLER	500	3-136-532	3 7/8	2 3/8
		PHENOLIC	ROLLER	500	3-136-222	3 7/8	2 3/8

Stem Sizes: variety of stem sizes available – consult factory



3-130-532 PLT 2  
(shown in photo)



3-131-532 PLT 5  
(shown in photo)



3-134-222  
(shown in photo)



3-136-532  
(shown in photo)





# Business Machine

## Single Wide Wheel / Heavy Duty Capacity to 700 pounds each

### FEATURES

- ✓ **Design:** low profile design for lower equipment height.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** durable double ball raceway.
- ✓ **Axle:** 3/8" diameter nut & bolt.

### CASTER OPTIONS

- ✓  **Hex Head Brake:** to order, add "HHBRK" to end of caster model number.
- ✓  **Thumb Screw Brake:** to order, add "TSBRK" to end of caster model number.
- ✓ **Optional plates and stems:** wide variety available—consult factory.



3-61-532  
(shown in photo)

### Swivel Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
3	1 13/16	POLYOLEFIN PHENOLIC	ROLLER ROLLER	500	3-61-532	4 5/16	3
				700	3-61-222		

**Top Plate Size:** 3-1/8" x 4-1/8" • **Bolt Hole Centers:** 2-3/8" x 3-3/8" •  
**Mounting Bolt Size:** 3/8" diameter



3-62-532  
(shown in photo)

### Rigid Top Plate

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Rigid Plate Model Number	Load Height (Inches)	Swivel Radius (Inches)
3	1 13/16	POLYOLEFIN PHENOLIC	ROLLER ROLLER	500	3-62-532	4 5/16	N/A
				700	3-62-222		

**Top Plate Size:** 3-1/8" x 4-1/8" • **Bolt Hole Centers:** 2-3/8" x 3-3/8" •  
**Mounting Bolt Size:** 3/8" diameter

# 13 Series

## Threaded Stem

Capacity to 160 pounds each

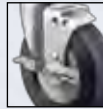
### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 5/16" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-135-103)

- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



**5-13-433 STEM 1**  
(shown in photo)

### MOUNTING OPTIONS

Standard Stem Sizes: to order, specify stem code number and add to end of caster model number (Example: 5-13-212G **STEM 1**).

Mounting Code	Stem Sizes
STEM 1	3/8" diameter - 16 x 1-1/2" long
STEM 2	7/16" diameter - 14 x 1-1/2" long
STEM 3	1/2" diameter - 13 x 1" long
STEM 4	1/2" diameter - 13 x 1-1/2" long
STEM 5	1/2" diameter - 13 x 2-3/4" long

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	15/16	CUSHION / SOLID RUBBER	DELRIN	100	3-13-103	1-1/8	3 5/8	2 3/4
		CUSHION GREY RUBBER W/ SIDE PLATES	DELRIN	100	3-13-433G			
		TPR TREAD / POLY CORE	PLAIN	125	3-13-201G			
		HARD / SOLID RUBBER	DELRIN	125	3-13-104			
	1 1/8	POLYOLEFIN	PLAIN	125	3-13-511			
4	15/16	CUSHION / SOLID RUBBER	DELRIN	115	4-13-103	1-1/2	4 5/8	3 5/16
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	115	4-13-433			
		TPR TREAD / POLY CORE	PLAIN	125	4-13-201G			
		HARD / SOLID RUBBER	DELRIN	140	4-13-104			
	1	POLYOLEFIN	PLAIN	150	4-13-511			
		POLYLOC / GREY	DELRIN	150	4-13-211G			
		POLYLOC / GREY	BALL	150	4-13-212G			
		POLYLOC / BLUE	BALL	150	4-13-212P			
5	15/16	CUSHION / SOLID RUBBER	DELRIN	125	5-13-103	1-7/8	5 5/8	4
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	125	5-13-433			
		TPR TREAD/ POLY CORE	PLAIN	150	5-13-201G			
		HARD / SOLID RUBBER	DELRIN	150	5-13-104			
	1	POLYOLEFIN	PLAIN	150	5-13-511			
		POLYLOC / GREY	DELRIN	160	5-13-211G			
		POLYLOC / GREY	BALL	160	5-13-212G			
		POLYLOC / BLUE	BALL	160	5-13-212P			



# 14 Series

## Spring Ring Stem

Capacity to 160 pounds each

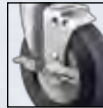
### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 5/16" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-145-103)

- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



**5-14-212P STEM 1**  
(shown in photo)

### MOUNTING OPTIONS

Standard Stem Sizes: to order, specify stem code number and add to end of caster model number (Example: 5-14-212G **STEM 1**).

Machined stems available from 1/2" to 1" diameter—consult factory.

Square stems available with drilled holes in sizes .845", .860", .875"—consult factory.

Mounting Code	Stem Sizes
STEM 1	7/16" diameter x 1- 3/8" long
STEM 2	7/16" diameter x 1- 15/16" long

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	15/16	CUSHION / SOLID RUBBER	DELTRIN	100	3-14-103	1-1/8	3 5/8	2 3/4
		CUSHION GREY RUBBER W/ SIDE PLATES	DELTRIN	100	3-14-433G			
		TPR TREAD/ POLY	PLAIN	125	3-14-201G			
		HARD / SOLID RUBBER	DELTRIN	125	3-14-104			
	1 1/8	POLYOLEFIN	PLAIN	125	3-14-511			
4	15/16	CUSHION / SOLID RUBBER	DELTRIN	115	4-14-103	1-1/2	4 5/8	3 5/16
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELTRIN	115	4-14-433			
		TPR TREAD/ POLY	PLAIN	125	4-14-201G			
		HARD / SOLID RUBBER	DELTRIN	140	4-14-104			
	1	POLYOLEFIN	PLAIN	150	4-14-511			
		POLYLOC / GREY	DELTRIN	150	4-14-211G			
		POLYLOC / GREY	BALL	150	4-14-212G			
POLYLOC / BLUE	BALL	150	4-14-212P					
5	15/16	CUSHION / SOLID RUBBER	DELTRIN	125	5-14-103	1-7/8	5 5/8	4
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELTRIN	125	5-14-433			
		TPR TREAD/ POLY	PLAIN	125	5-14-201G			
		HARD / SOLID RUBBER	DELTRIN	150	5-14-104			
	1	POLYOLEFIN	PLAIN	150	5-14-511			
		POLYLOC / GREY	DELTRIN	160	5-14-211G			
		POLYLOC / GREY	BALL	160	5-14-212G			
		POLYLOC / BLUE	BALL	160	5-14-212P			

# 17 Series

## Pipe Thread Stem

Capacity to 160 pounds each

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 5/16" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-175-103)

- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



**5-17-511**  
(shown in photo)

### MOUNTING OPTIONS

**Standard Stem Size:**  
3/4" pipe thread (1" actual stem diameter).

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Pipe Thread Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	15/16	CUSHION / SOLID RUBBER	DELRIN	100	3-17-103	1-1/8	3 5/8	2 3/4
		CUSHION GREY RUBBER W/ SIDE PLATES	DELRIN	100	3-17-433G			
		TPR TREAD / POLY	PLAIN	125	3-17-201G			
		HARD / SOLID RUBBER	DELRIN	125	3-17-104			
	1 1/8	POLYOLEFIN	PLAIN	125	3-17-511			
4	15/16	CUSHION / SOLID RUBBER	DELRIN	115	4-17-103	1-1/2	4 5/8	3 5/16
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	115	4-17-433			
		TPR TREAD / POLY	PLAIN	125	4-17-201G			
		HARD / SOLID RUBBER	DELRIN	140	4-17-104			
	1	POLYOLEFIN	PLAIN	150	4-17-511			
		POLYLOC / GREY	DELRIN	150	4-17-211G			
		POLYLOC / GREY	BALL	150	4-17-212G			
		POLYLOC / BLUE	BALL	150	4-17-212P			
5	15/16	CUSHION / SOLID RUBBER	DELRIN	125	5-17-103	1-7/8	5 5/8	4
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	125	5-17-433			
		TPR TREAD / POLY	PLAIN	125	5-17-201G			
		HARD / SOLID RUBBER	DELRIN	150	5-17-104			
	1	POLYOLEFIN	PLAIN	150	5-17-511			
		POLYLOC / GREY	DELRIN	160	5-17-211G			
		POLYLOC / GREY	BALL	160	5-17-212G			
		POLYLOC / BLUE	BALL	160	5-17-212P			



# 19 Series

## Octagon Stem

Capacity to 160 pounds each

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 5/16" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-195-103)

- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.

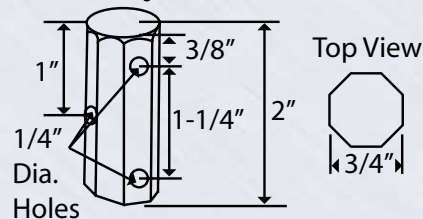


**5-19-212G**  
(shown in photo)

### MOUNTING OPTIONS

#### Standard Octagon Stem Size:

3/4" octagon x 2" long with three cross drilled mounting holes 1/4" diameter.



### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Octagon Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	15/16	CUSHION / SOLID RUBBER	DELRIN	100	3-19-103	1-1/8	3 5/8	2 3/4
		CUSHION GREY RUBBER W/ SIDE PLATES	DELRIN	100	3-19-433G			
		TPR TREAD / POLY	PLAIN	125	3-19-201G			
		HARD / SOLID RUBBER	DELRIN	125	3-19-104			
	1 1/8	POLYOLEFIN	PLAIN	125	3-19-511			
4	15/16	CUSHION / SOLID RUBBER	DELRIN	115	4-19-103	1-1/2	4 5/8	3 5/16
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	115	4-19-433			
		TPR TREAD / POLY	PLAIN	125	4-19-201G			
		HARD / SOLID RUBBER	DELRIN	140	4-19-104			
	1	POLYOLEFIN	PLAIN	150	4-19-511			
		POLYLOC / GREY	DELRIN	150	4-19-211G			
		POLYLOC / GREY	BALL	150	4-19-212G			
		POLYLOC / BLUE	BALL	150	4-19-212P			
5	15/16	CUSHION / SOLID RUBBER	DELRIN	125	5-19-103	1-7/8	5 5/8	4
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	125	5-19-433			
		TPR TREAD / POLY	PLAIN	125	5-19-201G			
		HARD / SOLID RUBBER	DELRIN	150	5-19-104			
	1	POLYOLEFIN	PLAIN	150	5-19-511			
		POLYLOC / GREY	DELRIN	160	5-19-211G			
		POLYLOC / GREY	BALL	160	5-19-212G			
		POLYLOC / BLUE	BALL	160	5-19-212P			

# 25 Series

## Swivel & Rigid Top Plate

Capacity to 160 pounds each

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 5/16" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-255-103)

- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



5-26-212P PLT 4  
(shown in photo)

5-25-103 PLT 4  
(shown in photo)

### MOUNTING OPTIONS

Top Plate Sizes: to order, add Plate Mounting Code to end of model number. (Example: 5-25-103 PLT 1). Note: Rigid casters available in PLT 4 only.

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-7/16" x 2-7/16"	1-3/4" x 1-3/4"	1/4"
PLT 2	1-3/4" x 3"	1" x 2-1/4"	1/4"
PLT 4	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	15/16	CUSHION / SOLID RUBBER	DELRIN	100	3-25-103	3-26-103	1-1/8	3 7/8	2 3/4
		CUSHION GREY RUBBER W/ SIDE PLATES	DELRIN	100	3-25-433G	3-26-433G			
		TPR TREAD / POLY	PLAIN	125	3-25-201G	3-26-201G			
		HARD / SOLID RUBBER	DELRIN	125	3-25-104	3-26-104			
	1 1/8	POLYOLEFIN	PLAIN	125	3-25-511	3-26-511			
4	15/16	CUSHION / SOLID RUBBER	DELRIN	115	4-25-103	4-26-103	1-1/2	4 3/4	3 5/16
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	115	4-25-433	4-26-433			
		TPR TREAD / POLY	PLAIN	125	4-25-201G	4-26-201G			
		HARD / SOLID RUBBER	DELRIN	140	4-25-104	4-26-104			
	1	POLYOLEFIN	PLAIN	150	4-25-511	4-26-511			
		POLYLOC / GREY	DELRIN	150	4-25-211G	4-26-211G			
		POLYLOC / GREY	BALL	150	4-25-212G	4-26-212G			
		POLYLOC / BLUE	BALL	150	4-25-212P	4-26-212P			
5	15/16	CUSHION / SOLID RUBBER	DELRIN	125	5-25-103	5-26-103	1-7/8	5 7/8	4
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	125	5-25-433	5-26-433			
		TPR TREAD / POLY	PLAIN	125	5-25-201G	5-26-201G			
		HARD / SOLID RUBBER	DELRIN	150	5-25-104	5-26-104			
	1	POLYOLEFIN	PLAIN	150	5-25-511	5-26-511			
		POLYLOC / GREY	DELRIN	160	5-25-211G	5-26-211G			
		POLYLOC / GREY	BALL	160	5-25-212G	5-26-212G			
		POLYLOC / BLUE	BALL	160	5-25-212P	5-26-212P			



# 27 Series

## Expanding Adapter Stem

Capacity to 160 pounds each

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 5/16" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-275-103)

- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



**5-27-433 19A**  
(shown in photo)

### MOUNTING OPTIONS

Rubber bushing expands inside of tubing as hex shaped lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit.

See chart at right for adapter sizes and matching tube sizes. To order, add adapter number to end of model number (example: 5-27-103 **19A**).

Threaded stem size (less adapter): 1/2" diameter x 2- 3/4" long.

Adapter Number	Tubing I.D. (Inches)
9	3/4"
11	7/8"
13	1"
15	1-1/8"
17 B	1-3/16"
19 C	1-3/8"
19 A	1-1/2"
21	1-7/8"

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Expanding Adapter Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	15/16	CUSHION / SOLID RUBBER	DELTRIN	100	3-27-103	1-1/8	3 5/8	2 3/4
		CUSHION GREY RUBBER W/ SIDE PLATES	DELTRIN	100	3-27-433G			
		TPR TREAD / POLY	PLAIN	125	3-27-201G			
		HARD / SOLID RUBBER	DELTRIN	125	3-27-104			
	1 1/8	POLYOLEFIN	PLAIN	125	3-27-511			
4	15/16	CUSHION / SOLID RUBBER	DELTRIN	115	4-27-103	1-1/2	4 5/8	3 5/16
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELTRIN	115	4-27-433			
		TPR TREAD / POLY	PLAIN	125	4-27-201G			
		HARD / SOLID RUBBER	DELTRIN	140	4-27-104			
	1	POLYOLEFIN	PLAIN	150	4-27-511			
		POLYLOC / GREY	DELTRIN	150	4-27-211G			
		POLYLOC / GREY	BALL	150	4-27-212G			
		POLYLOC / BLUE	BALL	150	4-27-212P			
5	15/16	CUSHION / SOLID RUBBER	DELTRIN	125	5-27-103	1-7/8	5 5/8	4
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELTRIN	125	5-27-433			
		TPR TREAD / POLY	PLAIN	125	5-27-201G			
		HARD / SOLID RUBBER	DELTRIN	150	5-27-104			
		POLYOLEFIN	PLAIN	150	5-27-511			
	1	POLYLOC / GREY	DELTRIN	160	5-27-211G			
		POLYLOC / GREY	BALL	160	5-27-212G			
		POLYLOC / BLUE	BALL	160	5-27-212P			

# 28 Series

## Hollow Kingpin

Capacity to 160 pounds each

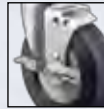
### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 5/16" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-285-103)

- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



**5-28-212G**  
(shown in photo)

### MOUNTING OPTIONS

Hollow kingpin casters are designed to accept a 3/8" diameter bolt or other stem type.

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Hollow Kingpin Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	15/16	CUSHION / SOLID RUBBER	DELRIN	100	3-28-103	1-1/8	3 5/8	2 3/4
		CUSHION GREY RUBBER W/ SIDE PLATES	DELRIN	100	3-28-433G			
		TPR TREAD / POLY	PLAIN	125	3-28-201G			
		HARD / SOLID RUBBER	DELRIN	125	3-28-104			
	1 1/8	POLYOLEFIN	PLAIN	125	3-28-511			
4	15/16	CUSHION / SOLID RUBBER	DELRIN	115	4-28-103	1-1/2	4 5/8	3 5/16
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	115	4-28-433			
		TPR TREAD / POLY	PLAIN	125	4-28-201G			
		HARD / SOLID RUBBER	DELRIN	140	4-28-104			
	1	POLYOLEFIN	PLAIN	150	4-28-511			
		POLYLOC / GREY	DELRIN	150	4-28-211G			
		POLYLOC / GREY	BALL	150	4-28-212G			
		POLYLOC / BLUE	BALL	150	4-28-212P			
5	15/16	CUSHION / SOLID RUBBER	DELRIN	125	5-28-103	1-7/8	5 5/8	4
		CUSHION BLACK RUBBER W/ SIDE PLATES	DELRIN	125	5-28-433			
		TPR TREAD / POLY	PLAIN	125	5-28-201G			
		HARD / SOLID RUBBER	DELRIN	150	5-28-104			
	1	POLYOLEFIN	PLAIN	150	5-28-511			
		POLYLOC / GREY	DELRIN	160	5-28-211G			
		POLYLOC / GREY	BALL	160	5-28-212G			
		POLYLOC / BLUE	BALL	160	5-28-212P			



# W13 Series

## Threaded Stem

Capacity to 220 pounds each

**NEW**





**5-W13-105 STEM 1**  
(shown in photo)

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-W135-103)
- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models). 
- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number. 

### MOUNTING OPTIONS

Standard Stem Sizes: to order, specify stem code number and add to end of caster model number (Example: 5-W13-213G **STEM 1**).

Mounting Code	Stem Sizes
STEM 1	3/8" diameter - 16 x 1-1/2" long
STEM 2	7/16" diameter - 14 x 1-1/2" long
STEM 3	1/2" diameter - 13 x 1" long
STEM 4	1/2" diameter - 13 x 1-1/2" long
STEM 5	1/2" diameter - 13 x 2-3/4" long

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	CUSHION RUBBER	DELIRIN	110	3-W13-105	1-3/4	3 5/8	2 3/4
		CUSHION RUBBER	BALL	110	3-W13-152	1-3/4		
		HARD RUBBER	DELIRIN	160	3-W13-106	1-3/4		
		HARD RUBBER	BALL	160	3-W13-162	1-3/4		
		POLYOLEFIN	PLAIN	180	3-W13-521	1-3/4		
	1 1/2	PHENOLIC	PLAIN	220	3-W13-121	1-3/4		
4	1 1/4	CUSHION RUBBER	DELIRIN	120	4-W13-105	2-3/8	4 5/8	3 5/16
		CUSHION RUBBER W/ SIDE PLATES	BALL	120	4-W13-452	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	150	4-W13-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	150	4-W13-113G	2-1/2		
		HARD RUBBER	DELIRIN	180	4-W13-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES	BALL	180	4-W13-462	2-3/8		
		ADVANTAGE TPR / ROUND	DELIRIN	180	4-W13-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	180	4-W13-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	200	4-W13-113P	2-1/2		
		POLYLOC / GREY	BALL	200	4-W13-213G	2-1/2		
		POLYLOC / GREY	DELIRIN	200	4-W13-314G	2-1/2		
		POLYLOC / BLUE	BALL	200	4-W13-213P	2-1/2		
		POLYOLEFIN	PLAIN	200	4-W13-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELIRIN	220	4-W13-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	220	4-W13-213GF	2-1/2			
1 1/2	PHENOLIC	PLAIN	220	4-W13-121	2-1/2			
5	1 1/4	CUSHION RUBBER	DELIRIN	150	5-W13-105	2-3/4	5 5/8	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	150	5-W13-105C	2-3/4		
		CUSHION RUBBER	BALL	150	5-W13-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES	BALL	150	5-W13-452	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	150	5-W13-113	3		
		WELDED DISC / GREY RUBBER	BALL	150	5-W13-113G	3		
		ADVANTAGE TPR / ROUND	DELIRIN	180	5-W13-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	180	5-W13-213GD	3		
		HARD RUBBER	DELIRIN	200	5-W13-106	2-3/4		
		HARD RUBBER	BALL	200	5-W13-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES	BALL	220	5-W13-462	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	220	5-W13-113P	3		
		POLYLOC / GREY	BALL	220	5-W13-213G	3		
		POLYLOC / GREY	DELIRIN	220	5-W13-314G	3		
		POLYLOC / BLUE	BALL	220	5-W13-213P	3		
		POLYOLEFIN	PLAIN	220	5-W13-513	3		
		POLYOLEFIN	BALL	220	5-W13-514	3		
		ADVANTAGE TPR / FLAT	DELIRIN	220	5-W13-314GF	3		
		ADVANTAGE TPR / FLAT	BALL	220	5-W13-213GF	3		
	1 1/2	PHENOLIC	PLAIN	220	5-W13-121	3		

**W13 SERIES**

# W14 Series

## Spring Ring Stem

Capacity to 220 pounds each

**NEW**


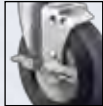


**5-W14-213GD STEM 1**  
(shown in photo)

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-W145-103)
- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models). 
- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number. 

### MOUNTING OPTIONS

Standard Stem Sizes: to order, specify stem code number and add to end of caster model number (Example: 5-W14-213GD **STEM 1**).

Machined stems available from 1/2" to 1" diameter—consult factory.

Square stems available with drilled holes in sizes .845", .860", .875"—consult factory.

Mounting Code	Stem Sizes
STEM 1	7/16" diameter x 1- 3/8" long
STEM 2	7/16" diameter x 1- 15/16" long

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	CUSHION RUBBER	DELTRIN	110	3-W14-105	1-3/4	3 5/8	2 3/4
		CUSHION RUBBER	BALL	110	3-W14-152	1-3/4		
		HARD RUBBER	DELTRIN	160	3-W14-106	1-3/4		
	1 1/2	HARD RUBBER	BALL	160	3-W14-162	1-3/4		
		POLYOLEFIN	PLAIN	180	3-W14-521	1-3/4		
		PHENOLIC	PLAIN	220	3-W14-121	1-3/4		
4	1 1/4	CUSHION RUBBER	DELTRIN	120	4-W14-105	2-3/8	4 5/8	3 5/16
		CUSHION RUBBER W/ SIDE PLATES	BALL	120	4-W14-452	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	150	4-W14-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	150	4-W14-113G	2-1/2		
		HARD RUBBER	DELTRIN	180	4-W14-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES	BALL	180	4-W14-462	2-3/8		
		ADVANTAGE TPR / ROUND	DELTRIN	180	4-W14-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	180	4-W14-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	200	4-W14-113P	2-1/2		
		POLYLOC / GREY	BALL	200	4-W14-213G	2-1/2		
		POLYLOC / GREY	DELTRIN	200	4-W14-314G	2-1/2		
		POLYLOC / BLUE	BALL	200	4-W14-213P	2-1/2		
		POLYOLEFIN	PLAIN	200	4-W14-513	2-1/2		
	ADVANTAGE TPR / FLAT	DELTRIN	220	4-W14-314GF	2-1/2			
	ADVANTAGE TPR / FLAT	BALL	220	4-W14-213GF	2-1/2			
	1 1/2	PHENOLIC	PLAIN	220	4-W14-121	2-1/2		
5	1 1/4	CUSHION RUBBER	DELTRIN	150	5-W14-105	2-3/4	5 5/8	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	150	5-W14-105C	2-3/4		
		CUSHION RUBBER	BALL	150	5-W14-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES	BALL	150	5-W14-452	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	150	5-W14-113	3		
		WELDED DISC / GREY RUBBER	BALL	150	5-W14-113G	3		
		ADVANTAGE TPR / ROUND	DELTRIN	180	5-W14-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	180	5-W14-213GD	3		
		HARD RUBBER	DELTRIN	200	5-W14-106	2-3/4		
		HARD RUBBER	BALL	200	5-W14-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES	BALL	220	5-W14-462	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	220	5-W14-113P	3		
		POLYLOC / GREY	BALL	220	5-W14-213G	3		
		POLYLOC / GREY	DELTRIN	220	5-W14-314G	3		
		POLYLOC / BLUE	BALL	220	5-W14-213P	3		
		POLYOLEFIN	PLAIN	220	5-W14-513	3		
		POLYOLEFIN	BALL	220	5-W14-514	3		
		ADVANTAGE TPR / FLAT	DELTRIN	220	5-W14-314GF	3		
	ADVANTAGE TPR / FLAT	BALL	220	5-W14-213GF	3			
	1 1/2	PHENOLIC	PLAIN	220	5-W14-121	3		



# W17 Series

## Pipe Thread Stem

Capacity to 220 pounds each

**NEW**



**5-W17-213P STEM 2**  
(shown in photo)

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-W175-103)

- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models).



- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



### MOUNTING OPTIONS

Standard Stem Size: 3/4" pipe thread  
{1" actual stem diameter}.

### WHEEL OPTIONS



Cushion or Hard Rubber

Conductive Rubber

Cushion or Hard Rubber w/Side Plates

Advantage TPR Round

Advantage TPR Flat

Welded Disc Blue Poly, Black or Grey Rubber

Polyolefin

Phenolic

PolyLoc Grey

PolyLoc Blue

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Pipe Thread Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	CUSHION RUBBER	DELIN	110	3-W17-105	1-3/4	3 5/8	2 3/4
		CUSHION RUBBER	BALL	110	3-W17-152	1-3/4		
		HARD RUBBER	DELIN	160	3-W17-106	1-3/4		
		HARD RUBBER	BALL	160	3-W17-162	1-3/4		
	POLYOLEFIN	PLAIN	180	3-W17-521	1-3/4			
	1 1/2	PHENOLIC	PLAIN	220	3-W17-121	1-3/4		
4	1 1/4	CUSHION RUBBER	DELIN	120	4-W17-105	2-3/8	4 5/8	3 5/16
		CUSHION RUBBER W/ SIDE PLATES	BALL	120	4-W17-452	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	150	4-W17-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	150	4-W17-113G	2-1/2		
		HARD RUBBER	DELIN	180	4-W17-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES	BALL	180	4-W17-462	2-3/8		
		ADVANTAGE TPR / ROUND	DELIN	180	4-W17-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	180	4-W17-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	200	4-W17-113P	2-1/2		
		POLYLOC / GREY	BALL	200	4-W17-213G	2-1/2		
		POLYLOC / GREY	DELIN	200	4-W17-314G	2-1/2		
		POLYLOC / BLUE	BALL	200	4-W17-213P	2-1/2		
		POLYOLEFIN	PLAIN	200	4-W17-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELIN	220	4-W17-314GF	2-1/2		
	1 1/2	PHENOLIC	PLAIN	220	4-W17-121	2-1/2		
5	1 1/4	CUSHION RUBBER	DELIN	150	5-W17-105	2-3/4	5 5/8	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	150	5-W17-105C	2-3/4		
		CUSHION RUBBER	BALL	150	5-W17-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES	BALL	150	5-W17-452	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	150	5-W17-113	3		
		WELDED DISC / GREY RUBBER	BALL	150	5-W17-113G	3		
		ADVANTAGE TPR / ROUND	DELIN	180	5-W17-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	180	5-W17-213GD	3		
		HARD RUBBER	DELIN	200	5-W17-106	2-3/4		
		HARD RUBBER	BALL	200	5-W17-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES	BALL	220	5-W17-462	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	220	5-W17-113P	3		
		POLYLOC / GREY	BALL	220	5-W17-213G	3		
		POLYLOC / GREY	DELIN	220	5-W17-314G	3		
		POLYLOC / BLUE	BALL	220	5-W17-213P	3		
		POLYOLEFIN	PLAIN	220	5-W17-513	3		
		POLYOLEFIN	BALL	220	5-W17-514	3		
		ADVANTAGE TPR / FLAT	DELIN	220	5-W17-314GF	3		
		1 1/2	PHENOLIC	PLAIN	220	5-W17-121		

W17 SERIES

# W19 Series

## Octagon Stem

Capacity to 220 pounds each

**NEW**



**5-W19-213GD**  
(shown in photo)

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.

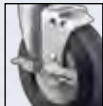
### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-W195-103)

- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models).

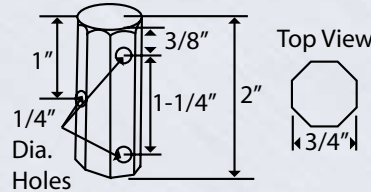


- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



### MOUNTING OPTIONS

**Standard Octagon Stem Size:** 3/4" octagon x 2" long with three cross drilled mounting holes 1/4" diameter.



### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Octagon Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	CUSHION RUBBER	DELRIN	110	3-W19-105	1-3/4	3 5/8	2 3/4
		CUSHION RUBBER	BALL	110	3-W19-152	1-3/4		
		HARD RUBBER	DELRIN	160	3-W19-106	1-3/4		
		HARD RUBBER	BALL	160	3-W19-162	1-3/4		
		POLYOLEFIN	PLAIN	180	3-W19-521	1-3/4		
	PHENOLIC	PLAIN	220	3-W19-121	1-3/4			
4	1 1/4	CUSHION RUBBER	DELRIN	120	4-W19-105	2-3/8	4 5/8	3 5/16
		CUSHION RUBBER W/ SIDE PLATES	BALL	120	4-W19-452	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	150	4-W19-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	150	4-W19-113G	2-1/2		
		HARD RUBBER	DELRIN	180	4-W19-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES	BALL	180	4-W19-462	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	180	4-W19-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	180	4-W19-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	200	4-W19-113P	2-1/2		
		POLYLOC / GREY	BALL	200	4-W19-213G	2-1/2		
		POLYLOC / GREY	DELRIN	200	4-W19-314G	2-1/2		
		POLYLOC / BLUE	BALL	200	4-W19-213P	2-1/2		
		POLYOLEFIN	PLAIN	200	4-W19-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELRIN	220	4-W19-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	220	4-W19-213GF	2-1/2			
PHENOLIC	PLAIN	220	4-W19-121	2-1/2				
5	1 1/4	CUSHION RUBBER	DELRIN	150	5-W19-105	2-3/4	5 5/8	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	150	5-W19-105C	2-3/4		
		CUSHION RUBBER	BALL	150	5-W19-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES	BALL	150	5-W19-452	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	150	5-W19-113	3		
		WELDED DISC / GREY RUBBER	BALL	150	5-W19-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	180	5-W19-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	180	5-W19-213GD	3		
		HARD RUBBER	DELRIN	200	5-W19-106	2-3/4		
		HARD RUBBER	BALL	200	5-W19-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES	BALL	220	5-W19-462	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	220	5-W19-113P	3		
		POLYLOC / GREY	BALL	220	5-W19-213G	3		
		POLYLOC / GREY	DELRIN	220	5-W19-314G	3		
		POLYLOC / BLUE	BALL	220	5-W19-213P	3		
		POLYOLEFIN	PLAIN	220	5-W19-513	3		
		POLYOLEFIN	BALL	220	5-W19-514	3		
		ADVANTAGE TPR / FLAT	DELRIN	220	5-W19-314GF	3		
		ADVANTAGE TPR / FLAT	BALL	220	5-W19-213GF	3		
	PHENOLIC	PLAIN	220	5-W19-121	3			

W19 SERIES



# W25 Series

## Swivel Top Plate

Capacity to 220 pounds each

**NEW**





**5-W25-513 PLT 2**  
(shown in photo)

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-W255-103)
- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models). 
- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number. 

### MOUNTING OPTIONS

Top Plate Sizes: to order, add Plate Mounting Code to end of model number. (Example: 5-W25-103 PLT 2). Note: Rigid casters available in **PLT 4** only.

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-7/16" x 2-7/16"	1-3/4" x 1-3/4"	1/4"
PLT 2	1-3/4" x 3"	1" x 2-1/4"	1/4"
PLT 4	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Top Plate Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	CUSHION RUBBER	DELRIN	110	3-W25-105	1-3/4	4 1/8	3
		CUSHION RUBBER	BALL	110	3-W25-152	1-3/4		
		HARD RUBBER	DELRIN	160	3-W25-106	1-3/4		
		HARD RUBBER	BALL	160	3-W25-162	1-3/4		
		POLYOLEFIN	PLAIN	180	3-W25-521	1-3/4		
		PHENOLIC	PLAIN	220	3-W25-121	1-3/4		
4	1 1/4	CUSHION RUBBER	DELRIN	120	4-W25-105	2-3/8	5 1/8	3 1/2
		CUSHION RUBBER W/ SIDE PLATES	BALL	120	4-W25-452	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	150	4-W25-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	150	4-W25-113G	2-1/2		
		HARD RUBBER	DELRIN	180	4-W25-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES	BALL	180	4-W25-462	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	180	4-W25-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	180	4-W25-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	200	4-W25-113P	2-1/2		
		POLYLOC / GREY	BALL	200	4-W25-213G	2-1/2		
		POLYLOC / GREY	DELRIN	200	4-W25-314G	2-1/2		
		POLYLOC / BLUE	BALL	200	4-W25-213P	2-1/2		
		POLYOLEFIN	PLAIN	200	4-W25-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELRIN	220	4-W25-314GF	2-1/2		
		ADVANTAGE TPR / FLAT	BALL	220	4-W25-213GF	2-1/2		
PHENOLIC	PLAIN	220	4-W25-121	2-1/2				
5	1 1/4	CUSHION RUBBER	DELRIN	150	5-W25-105	2-3/4	6 1/4	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	150	5-W25-105C	2-3/4		
		CUSHION RUBBER	BALL	150	5-W25-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES	BALL	150	5-W25-452	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	150	5-W25-113	3		
		WELDED DISC / GREY RUBBER	BALL	150	5-W25-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	180	5-W25-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	180	5-W25-213GD	3		
		HARD RUBBER	DELRIN	200	5-W25-106	2-3/4		
		HARD RUBBER	BALL	200	5-W25-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES	BALL	220	5-W25-462	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	220	5-W25-113P	3		
		POLYLOC / GREY	BALL	220	5-W25-213G	3		
		POLYLOC / GREY	DELRIN	220	5-W25-314G	3		
		POLYLOC / BLUE	BALL	220	5-W25-213P	3		
		POLYOLEFIN	PLAIN	220	5-W25-513	3		
		POLYOLEFIN	BALL	220	5-W25-514	3		
		ADVANTAGE TPR / FLAT	DELRIN	220	5-W25-314GF	3		
		ADVANTAGE TPR / FLAT	BALL	220	5-W25-213GF	3		
		PHENOLIC	PLAIN	220	5-W25-121	3		
		PHENOLIC	PLAIN	220	5-W25-121	3		

**W 25 SERIES**

# W27 Series

## Expanding Adapter Stem

Capacity to 220 pounds each



**5-W27-121 9**  
(shown in photo)

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-W275-103)
- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



### MOUNTING OPTIONS

Rubber bushing expands inside of tubing as hex shaped lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit.

See chart at right for adapter sizes and matching tube sizes. To order, add adapter number to end of model number (example: 5-W27-105 9).

Threaded stem size (less adapter): 1/2" diameter x 2- 3/4" long.

Adapter Number	Tubing I.D. (inches)
9	3/4"
11	7/8"
13	1"
15	1-1/8"
17 B	1-3/16"
19 C	1-3/8"
19 A	1-1/2"
21	1-7/8"

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Expanding Adapter Stem Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	CUSHION RUBBER	DELRIN	110	3-W27-105	1-3/4	3 5/8	2 3/4
		CUSHION RUBBER	BALL	110	3-W27-152	1-3/4		
		HARD RUBBER	DELRIN	160	3-W27-106	1-3/4		
		HARD RUBBER	BALL	160	3-W27-162	1-3/4		
		POLYOLEFIN	PLAIN	180	3-W27-521	1-3/4		
	1 1/2	PHENOLIC	PLAIN	220	3-W27-121	1-3/4		
4	1 1/4	CUSHION RUBBER	DELRIN	120	4-W27-105	2-3/8	4 5/8	3 5/16
		CUSHION RUBBER W/ SIDE PLATES	BALL	120	4-W27-452	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	150	4-W27-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	150	4-W27-113G	2-1/2		
		HARD RUBBER	DELRIN	180	4-W27-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES	BALL	180	4-W27-462	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	180	4-W27-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	180	4-W27-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	200	4-W27-113P	2-1/2		
		POLYLOC / GREY	BALL	200	4-W27-213G	2-1/2		
		POLYLOC / GREY	DELRIN	200	4-W27-314G	2-1/2		
		POLYLOC / BLUE	BALL	200	4-W27-213P	2-1/2		
		POLYOLEFIN	PLAIN	200	4-W27-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELRIN	220	4-W27-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	220	4-W27-213GF	2-1/2			
1 1/2	PHENOLIC	PLAIN	220	4-W27-121	2-1/2			
5	1 1/4	CUSHION RUBBER	DELRIN	150	5-W27-105	2-3/4	5 5/8	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	150	5-W27-105C	2-3/4		
		CUSHION RUBBER	BALL	150	5-W27-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES	BALL	150	5-W27-452	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	150	5-W27-113	3		
		WELDED DISC / GREY RUBBER	BALL	150	5-W27-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	180	5-W27-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	180	5-W27-213GD	3		
		HARD RUBBER	DELRIN	200	5-W27-106	2-3/4		
		HARD RUBBER	BALL	200	5-W27-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES	BALL	220	5-W27-462	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	220	5-W27-113P	3		
		POLYLOC / GREY	BALL	220	5-W27-213G	3		
		POLYLOC / GREY	DELRIN	220	5-W27-314G	3		
		POLYLOC / BLUE	BALL	220	5-W27-213P	3		
		POLYOLEFIN	PLAIN	220	5-W27-513	3		
		POLYOLEFIN	BALL	220	5-W27-514	3		
		ADVANTAGE TPR / FLAT	DELRIN	220	5-W27-314GF	3		
		ADVANTAGE TPR / FLAT	BALL	220	5-W27-213GF	3		
		1 1/2	PHENOLIC	PLAIN	220	5-W27-121		

W 27 SERIES



# W28 Series

## Hollow Kingpin

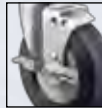
Capacity to 220 pounds each

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number. (Example: 5-W285-103)
- ✓ **PosiLoc® Brake:** all stainless steel construction. To order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc® Brake:** to order, add "VL" to end of model number.



**NEW**



**5-W28-105C**  
(shown in photo)

### MOUNTING OPTIONS

Hollow kingpin casters are designed to accept a 3/8" diameter bolt or other stem type.

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Hollow Kingpin Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	CUSHION RUBBER	DELTRIN	110	3-W28-105	1-3/4	3 5/8	2 3/4
		CUSHION RUBBER	BALL	110	3-W28-152	1-3/4		
		HARD RUBBER	DELTRIN	160	3-W28-106	1-3/4		
		HARD RUBBER	BALL	160	3-W28-162	1-3/4		
		POLYOLEFIN	PLAIN	180	3-W28-521	1-3/4		
	1 1/2	PHENOLIC	PLAIN	220	3-W28-121	1-3/4		
4	1 1/4	CUSHION RUBBER	DELTRIN	120	4-W28-105	2-3/8	4 5/8	3 5/16
		CUSHION RUBBER W/ SIDE PLATES	BALL	120	4-W28-452	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	150	4-W28-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	150	4-W28-113G	2-1/2		
		HARD RUBBER	DELTRIN	180	4-W28-106	2-3/8		
		HARD RUBBER W/ SIDE PLATES	BALL	180	4-W28-462	2-3/8		
		ADVANTAGE TPR / ROUND	DELTRIN	180	4-W28-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	180	4-W28-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	200	4-W28-113P	2-1/2		
		POLYLOC / GREY	BALL	200	4-W28-213G	2-1/2		
		POLYLOC / GREY	DELTRIN	200	4-W28-314G	2-1/2		
		POLYLOC / BLUE	BALL	200	4-W28-213P	2-1/2		
		POLYOLEFIN	PLAIN	200	4-W28-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELTRIN	220	4-W28-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	220	4-W28-213GF	2-1/2			
1 1/2	PHENOLIC	PLAIN	220	4-W28-121	2-1/2			
5	1 1/4	CUSHION RUBBER	DELTRIN	150	5-W28-105	2-3/4	5 5/8	4
		CONDUCTIVE CUSHION RUBBER	SINTERED	150	5-W28-105C	2-3/4		
		CUSHION RUBBER	BALL	150	5-W28-152	2-3/4		
		CUSHION RUBBER W/ SIDE PLATES	BALL	150	5-W28-452	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	150	5-W28-113	3		
		WELDED DISC / GREY RUBBER	BALL	150	5-W28-113G	3		
		ADVANTAGE TPR / ROUND	DELTRIN	180	5-W28-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	180	5-W28-213GD	3		
		HARD RUBBER	DELTRIN	200	5-W28-106	2-3/4		
		HARD RUBBER	BALL	200	5-W28-162	2-3/4		
		HARD RUBBER W/ SIDE PLATES	BALL	220	5-W28-462	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	220	5-W28-113P	3		
		POLYLOC / GREY	BALL	220	5-W28-213G	3		
		POLYLOC / GREY	DELTRIN	220	5-W28-314G	3		
		POLYLOC / BLUE	BALL	220	5-W28-213P	3		
		POLYOLEFIN	PLAIN	220	5-W28-513	3		
		POLYOLEFIN	BALL	220	5-W28-514	3		
		ADVANTAGE TPR / FLAT	DELTRIN	220	5-W28-314GF	3		
		ADVANTAGE TPR / FLAT	BALL	220	5-W28-213GF	3		
		1 1/2	PHENOLIC	PLAIN	220	5-W28-121		

W 28 SERIES

# 30 Series

## Swivel & Rigid Top Plate

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-305-105). **Other finishes available,** see page 15.
- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid): to order, add Plate Mounting Code to end of model number (Example: 5-30-105 PLT 1).

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
PLT 2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT 3	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16"
PLT 4	4" x 4"	3" x 3"	3/8"
PLT 5	3-3/4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
PLT 7	3-1/2" x 3-1/2"	2-5/8" x 2-5/8" to 3" x 3"	9/32"

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



CONDUCTIVE CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



CUSHION / SOLID RUBBER W DECORATIVE SIDE PLATES



HARD / SOLID RUBBER W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / BLACK RUBBER



WELDED DISC / GREY RUBBER



POLYOLEFIN



PHENOLIC



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 30 Series	Rigid Caster Model Number 31 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)	
2 1/2	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	140	2-1/2-30-105	2-1/2-31-105	1-11/16	3 5/8	2 3/4	
		HARD / SOLID RUBBER	DELTRIN	210	2-1/2-30-106	2-1/2-31-106	1-11/16			
		POLYOLEFIN	PLAIN	210	2-1/2-30-513	2-1/2-31-513	1-11/16			
3	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	150	3-30-105	3-31-105	1-3/4	4 1/8	3	
		CUSHION / SOLID RUBBER	BALL	150	3-30-152	3-31-152	1-3/4			
		HARD / SOLID RUBBER	DELTRIN	220	3-30-106	3-31-106	1-3/4			
		HARD / SOLID RUBBER	BALL	220	3-30-162	3-31-162	1-3/4			
	1 1/2	1 1/2	CAST IRON	PLAIN	300	3-30-120	3-31-120			1-3/4
			POLYOLEFIN	PLAIN	250	3-30-521	3-31-521			1-3/4
			PHENOLIC	PLAIN	300	3-30-121	3-31-121			1-3/4
		PHENOLIC	ROLLER	300	3-30-221	3-31-221	1-3/4			



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 30 Series	Rigid Caster Model Number 31 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
<b>3 1/2</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	160	3-1/2-30-105	3-1/2-31-105	2	4 5/8	3 1/4
		CUSHION / SOLID RUBBER *	BALL	160	3-1/2-30-452 *	3-1/2-31-452	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-30-113	3-1/2-31-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-30-113G	3-1/2-31-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELRIN	225	3-1/2-30-314GD	3-1/2-31-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-30-213GD	3-1/2-31-213GD	2-3/16		
		HARD / SOLID RUBBER	DELRIN	230	3-1/2-30-106	3-1/2-31-106	2		
		HARD / SOLID RUBBER *	BALL	230	3-1/2-30-462 *	3-1/2-31-462 *	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-30-513	3-1/2-31-513	2-3/16		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-30-113P	3-1/2-31-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELRIN	250	3-1/2-30-314GF	3-1/2-31-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-30-213GF	3-1/2-31-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-30-213G	3-1/2-31-213G	2-3/16		
		POLYLOC / GREY	DELRIN	250	3-1/2-30-314G	3-1/2-31-314G	2-3/16		
		POLYLOC / BLUE	BALL	250	3-1/2-30-213P	3-1/2-31-213P	2-3/16		
		CAST IRON	PLAIN	300	3-1/2-30-120	3-1/2-31-120	2-3/16		
		<b>4</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	170	4-30-105		
CUSHION / SOLID RUBBER *	BALL			170	4-30-452 *	4-31-452 *	2-3/8		
WELDED DISC / BLACK RUBBER	BALL			200	4-30-113	4-31-113	2-1/2		
WELDED DISC / GREY RUBBER	BALL			200	4-30-113G	4-31-113G	2-1/2		
HARD / SOLID RUBBER	DELRIN			250	4-30-106	4-31-106	2-3/8		
HARD / SOLID RUBBER *	BALL			250	4-30-462 *	4-31-462 *	2-3/8		
ADVANTAGE TPR / ROUND	DELRIN			250	4-30-314GD	4-31-314GD	2-1/2		
ADVANTAGE TPR / ROUND	BALL			250	4-30-213GD	4-31-213GD	2-1/2		
WELDED DISC / POLYURETHANE	BALL			275	4-30-113P	4-31-113P	2-1/2		
POLYLOC / GREY	BALL			275	4-30-213G	4-31-213G	2-1/2		
POLYLOC / GREY	DELRIN			275	4-30-314G	4-31-314G	2-1/2		
POLYLOC / BLUE	BALL			275	4-30-213P	4-31-213P	2-1/2		
POLYOLEFIN	PLAIN			275	4-30-513	4-31-513	2-1/2		
ADVANTAGE TPR / FLAT	DELRIN			300	4-30-314GF	4-31-314GF	2-1/2		
ADVANTAGE TPR / FLAT	BALL		300	4-30-213GF	4-31-213GF	2-1/2			
CAST IRON	PLAIN		300	4-30-120	4-31-120	2-1/2			
1 1/2	PHENOLIC		PLAIN	300	4-30-121	4-31-121	2-1/2		
	PHENOLIC	ROLLER	300	4-30-221	4-31-221	2-1/2			
<b>5</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	200	5-30-105	5-31-105	2-3/4	6 1/4	4
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	200	5-30-105C	5-31-105C	2-3/4		
		CUSHION / SOLID RUBBER	BALL	200	5-30-152	5-31-152	2-3/4		
		CUSHION / SOLID RUBBER *	BALL	200	5-30-452 *	5-31-452 *	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-30-113	5-31-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-30-113G	5-31-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-30-314GD	5-31-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-30-213GD	5-31-213GD	3		
		HARD / SOLID RUBBER	DELRIN	280	5-30-106	5-31-106	2-3/4		
		HARD / SOLID RUBBER	BALL	280	5-30-162	5-31-162	2-3/4		
		HARD / SOLID RUBBER *	BALL	280	5-30-462 *	5-31-462 *	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-30-113P	5-31-113P	3		
		POLYLOC / GREY	BALL	300	5-30-213G	5-31-213G	3		
		POLYLOC / GREY	DELRIN	300	5-30-314G	5-31-314G	3		
		POLYLOC / BLUE	BALL	300	5-30-213P	5-31-213P	3		
		POLYOLEFIN	PLAIN	300	5-30-513	5-31-513	3		
	POLYOLEFIN	BALL	300	5-30-514	5-31-514	3			
	CAST IRON	PLAIN	300	5-30-120	5-31-120	3			
	1 1/2	ADVANTAGE TPR / FLAT	DELRIN	325	5-30-314GF	5-31-314GF	3		
ADVANTAGE TPR / FLAT		BALL	325	5-30-213GF	5-31-213GF	3			
PHENOLIC		PLAIN	300	5-30-121	5-31-121	3			
PHENOLIC	ROLLER	300	5-30-221	5-31-221	3				
<b>6</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	220	6-30-105	6-31-105	3-1/8	7 1/4	4 1/2
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	220	6-30-105C	6-31-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-30-113	6-31-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-30-113G	6-31-113G	3-3/4		
		HARD / SOLID RUBBER	DELRIN	300	6-30-106	6-31-106	3-1/8		
		HARD / SOLID RUBBER	BALL	300	6-30-162	6-31-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-30-113P	6-31-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-30-314GD	6-31-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-30-213GD	6-31-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-30-213G	6-31-213G	3-3/4		
		POLYLOC / GREY	DELRIN	300	6-30-314G	6-31-314G	3-3/4		
		POLYLOC / BLUE	BALL	300	6-30-213P	6-31-213P	3-3/4		
	1 1/2	PHENOLIC	PLAIN	300	6-30-121	6-31-121	3-3/4		
		PHENOLIC	ROLLER	300	6-30-221	6-31-221	3-3/4		
		POLYOLEFIN	PLAIN	300	6-30-521	6-31-521	3-3/4		

**30 SERIES**

\* Wheels have decorative side plates.

# 32 Series

## Octagon Stem

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

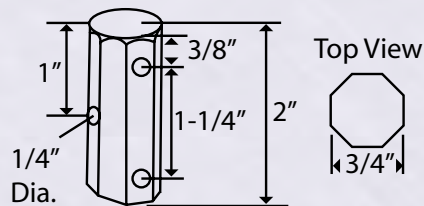
### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-325-105). **Other finishes available,** see page 15.
- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

**Standard Octagon Stem Size:** 3/4" octagon x 2" long with three cross drilled mounting holes



### WHEEL OPTIONS



CUSHION / SOLID RUBBER



CONDUCTIVE CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



CUSHION / SOLID RUBBER / W DECORATIVE SIDE PLATES



HARD / SOLID RUBBER / W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / BLACK RUBBER



WELDED DISC / GREY RUBBER



POLYOLEFIN



PHENOLIC



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Octagon Stem Model Number 32 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/4	CUSHION / SOLID RUBBER	DELRIN	140	2-1/2-32-105	1-11/16	3 7/16	2 3/4
		HARD / SOLID RUBBER	DELRIN	210	2-1/2-32-106	1-11/16		
		POLYOLEFIN	PLAIN	210	2-1/2-32-513	1-11/16		
3	1 1/4	CUSHION / SOLID RUBBER	DELRIN	150	3-32-105	1-3/4	3 15/16	3
		CUSHION / SOLID RUBBER	BALL	150	3-32-152	1-3/4		
		HARD / SOLID RUBBER	DELRIN	220	3-32-106	1-3/4		
		HARD / SOLID RUBBER	BALL	220	3-32-162	1-3/4		
	1 1/2	CAST IRON	PLAIN	300	3-32-120	1-3/4		
		POLYOLEFIN	PLAIN	250	3-32-521	1-3/4		
		PHENOLIC	PLAIN	300	3-32-121	1-3/4		
		PHENOLIC	ROLLER	300	3-32-221	1-3/4		



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Octagon Stem Model Number 32 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
<b>3 1/2</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	160	3-1/2-32-105	2	4 7/16	3 1/4
		CUSHION / SOLID RUBBER *	BALL	160	3-1/2-32-452 *	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-32-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-32-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELRIN	225	3-1/2-32-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-32-213GD	2-3/16		
		HARD / SOLID RUBBER	DELRIN	230	3-1/2-32-106	2		
		HARD / SOLID RUBBER *	BALL	230	3-1/2-32-462 *	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-32-513	2-3/16		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-32-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELRIN	250	3-1/2-32-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-32-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-32-213G	2-3/16		
		POLYLOC / GREY	DELRIN	250	3-1/2-32-314G	2-3/16		
		POLYLOC / BLUE	BALL	250	3-1/2-32-213P	2-3/16		
CAST IRON	PLAIN	300	3-1/2-32-120	2-3/16				
<b>4</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	170	4-32-105	2-3/8	4 15/16	3 1/2
		CUSHION / SOLID RUBBER *	BALL	170	4-32-452 *	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	200	4-32-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	200	4-32-113G	2-1/2		
		HARD / SOLID RUBBER	DELRIN	250	4-32-106	2-3/8		
		HARD / SOLID RUBBER *	BALL	250	4-32-462 *	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-32-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	250	4-32-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	275	4-32-113P	2-1/2		
		POLYLOC / GREY	BALL	275	4-32-213G	2-1/2		
		POLYLOC / GREY	DELRIN	275	4-32-314G	2-1/2		
		POLYLOC / BLUE	BALL	275	4-32-213P	2-1/2		
		POLYOLEFIN	PLAIN	275	4-32-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELRIN	300	4-32-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	300	4-32-213GF	2-1/2			
	CAST IRON	PLAIN	300	4-32-120	2-1/2			
	1 1/2	PHENOLIC	PLAIN	300	4-32-121	2-1/2		
	1 1/2	PHENOLIC	ROLLER	300	4-32-221	2-1/2		
<b>5</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	200	5-32-105	2-3/4	6 1/16	4
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	200	5-32-105C	2-3/4		
		CUSHION / SOLID RUBBER	BALL	200	5-32-152	2-3/4		
		CUSHION / SOLID RUBBER *	BALL	200	5-32-452 *	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-32-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-32-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-32-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-32-213GD	3		
		HARD / SOLID RUBBER	DELRIN	280	5-32-106	2-3/4		
		HARD / SOLID RUBBER	BALL	280	5-32-162	2-3/4		
		HARD / SOLID RUBBER *	BALL	280	5-32-462 *	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-32-113P	3		
		POLYLOC / GREY	BALL	300	5-32-213G	3		
		POLYLOC / GREY	DELRIN	300	5-32-314G	3		
		POLYLOC / BLUE	BALL	300	5-32-213P	3		
		POLYOLEFIN	PLAIN	300	5-32-513	3		
		POLYOLEFIN	BALL	300	5-32-514	3		
		CAST IRON	PLAIN	300	5-32-120	3		
	ADVANTAGE TPR / FLAT	DELRIN	325	5-32-314GF	3			
	ADVANTAGE TPR / FLAT	BALL	325	5-32-213GF	3			
	1 1/2	PHENOLIC	PLAIN	300	5-32-121	3		
1 1/2	PHENOLIC	ROLLER	300	5-32-221	3			
<b>6</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	220	6-32-105	3-1/8	7 1/16	4 1/2
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	220	6-32-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-32-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-32-113G	3-3/4		
		HARD / SOLID RUBBER	DELRIN	300	6-32-106	3-1/8		
		HARD / SOLID RUBBER	BALL	300	6-32-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-32-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-32-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-32-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-32-213G	3-3/4		
		POLYLOC / GREY	DELRIN	300	6-32-314G	3-3/4		
		POLYLOC / BLUE	BALL	300	6-32-213P	3-3/4		
		1 1/2	PHENOLIC	PLAIN	300	6-32-121		
	1 1/2	PHENOLIC	ROLLER	300	6-32-221	3-3/4		
	1 1/2	POLYOLEFIN	PLAIN	300	6-32-521	3-3/4		

**32 SERIES**

\* Wheels have decorative side plates.

# 34 Series

## Spring Ring Stem

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-345-105). **Other finishes available,** see page 15.
- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-34-213G **STEM 1**).

Stem Code	Stem Dimensions
STEM 1	3/4" diameter x 2-3/16" long
STEM 2	13/16" diameter x 2-3/16" long
STEM 3	.845" diameter x 2-3/16" long
STEM 4	.865" diameter x 2-3/16" long
STEM 5	1" diameter x 2-3/16" long
STEM 6	.860" square x 2-3/16" long

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



CONDUCTIVE CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



CUSHION / SOLID RUBBER / W DECORATIVE SIDE PLATES



HARD / SOLID RUBBER / W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / BLACK RUBBER



WELDED DISC / GREY RUBBER



POLYOLEFIN



PHENOLIC



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Stem Model Number 34 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	140	2-1/2-34-105	1-11/16	3 7/16	2 3/4
		HARD / SOLID RUBBER	DELTRIN	210	2-1/2-34-106	1-11/16		
		POLYOLEFIN	PLAIN	210	2-1/2-34-513	1-11/16		
3	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	150	3-34-105	1-3/4	3 15/16	3
		CUSHION / SOLID RUBBER	BALL	150	3-34-152	1-3/4		
		HARD / SOLID RUBBER	DELTRIN	220	3-34-106	1-3/4		
		HARD / SOLID RUBBER	BALL	220	3-34-162	1-3/4		
		CAST IRON	PLAIN	300	3-34-120	1-3/4		
	1 1/2	POLYOLEFIN	PLAIN	250	3-34-521	1-3/4		
		PHENOLIC	PLAIN	300	3-34-121	1-3/4		
		PHENOLIC	ROLLER	300	3-34-221	1-3/4		



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Stem Model Number 34 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3 1/2	1 1/4	CUSHION / SOLID RUBBER	DELRIN	160	3-1/2-34-105	2	4 7/16	3 1/4
		CUSHION / SOLID RUBBER *	BALL	160	3-1/2-34-452 *	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-34-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-34-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELRIN	225	3-1/2-34-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-34-213GD	2-3/16		
		HARD / SOLID RUBBER	DELRIN	230	3-1/2-34-106	2		
		HARD / SOLID RUBBER *	BALL	230	3-1/2-34-462 *	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-34-513	2-3/16		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-34-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELRIN	250	3-1/2-34-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-34-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-34-213G	2-3/16		
		POLYLOC / GREY	DELRIN	250	3-1/2-34-314G	2-3/16		
		POLYLOC / BLUE	BALL	250	3-1/2-34-213P	2-3/16		
CAST IRON	PLAIN	300	3-1/2-34-120	2-3/16				
4	1 1/4	CUSHION / SOLID RUBBER	DELRIN	170	4-34-105	2-3/8	4 15/16	3 1/2
		CUSHION / SOLID RUBBER *	BALL	170	4-34-452 *	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	200	4-34-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	200	4-34-113G	2-1/2		
		HARD / SOLID RUBBER	DELRIN	250	4-34-106	2-3/8		
		HARD / SOLID RUBBER *	BALL	250	4-34-462 *	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-34-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	250	4-34-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	275	4-34-113P	2-1/2		
		POLYLOC / GREY	BALL	275	4-34-213G	2-1/2		
		POLYLOC / GREY	DELRIN	275	4-34-314G	2-1/2		
		POLYLOC / BLUE	BALL	275	4-34-213P	2-1/2		
		POLYOLEFIN	PLAIN	275	4-34-513	2-1/2		
	ADVANTAGE TPR / FLAT	DELRIN	300	4-34-314GF	2-1/2			
	ADVANTAGE TPR / FLAT	BALL	300	4-34-213GF	2-1/2			
	CAST IRON	PLAIN	300	4-34-120	2-1/2			
	1 1/2	PHENOLIC	PLAIN	300	4-34-121	2-1/2		
	PHENOLIC	ROLLER	300	4-34-221	2-1/2			
5	1 1/4	CUSHION / SOLID RUBBER	DELRIN	200	5-34-105	2-3/4	6 1/16	4
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	200	5-34-105C	2-3/4		
		CUSHION / SOLID RUBBER	BALL	200	5-34-152	2-3/4		
		CUSHION / SOLID RUBBER *	BALL	200	5-34-452 *	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-34-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-34-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-34-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-34-213GD	3		
		HARD / SOLID RUBBER	DELRIN	280	5-34-106	2-3/4		
		HARD / SOLID RUBBER	BALL	280	5-34-162	2-3/4		
		HARD / SOLID RUBBER *	BALL	280	5-34-462 *	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-34-113P	3		
		POLYLOC / GREY	BALL	300	5-34-213G	3		
		POLYLOC / GREY	DELRIN	300	5-34-314G	3		
		POLYLOC / BLUE	BALL	300	5-34-213P	3		
		POLYOLEFIN	PLAIN	300	5-34-513	3		
		POLYOLEFIN	BALL	300	5-34-514	3		
		CAST IRON	PLAIN	300	5-34-120	3		
	ADVANTAGE TPR / FLAT	DELRIN	325	5-34-314GF	3			
	ADVANTAGE TPR / FLAT	BALL	325	5-34-213GF	3			
	1 1/2	PHENOLIC	PLAIN	300	5-34-121	3		
PHENOLIC	ROLLER	300	5-34-221	3				
6	1 1/4	CUSHION / SOLID RUBBER	DELRIN	220	6-34-105	3-1/8	7 1/16	4 1/2
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	220	6-34-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-34-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-34-113G	3-3/4		
		HARD / SOLID RUBBER	DELRIN	300	6-34-106	3-1/8		
		HARD / SOLID RUBBER	BALL	300	6-34-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-34-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-34-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-34-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-34-213G	3-3/4		
		POLYLOC / GREY	DELRIN	300	6-34-314G	3-3/4		
		POLYLOC / BLUE	BALL	300	6-34-213P	3-3/4		
	1 1/2	PHENOLIC	PLAIN	300	6-34-121	3-3/4		
	PHENOLIC	ROLLER	300	6-34-221	3-3/4			
	POLYOLEFIN	PLAIN	300	6-34-521	3-3/4			

**34 SERIES**

\* Wheels have decorative side plates.

# 36 Series

## Threaded Stem

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-365-105). **Other finishes available,** see page 15.
- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-36-213G STEM 1).

Stem Code	Stem Dimensions
STEM 1	1/2" diameter -13 x 3/4" long
STEM 2	1/2" diameter -13 x 1" long
STEM 3	1/2" diameter -13 x 1-1/2" long
STEM 4	1/2" diameter -20 x 3/4" long
STEM 5	1/2" diameter -20 x 2-1/4" long
STEM 6	5/8" diameter -11 x 1-1/4" long
STEM 7	5/8" diameter -18 x 1-3/4" long
STEM 8	3/4" diameter -10 x 1" long

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



CONDUCTIVE CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



CUSHION / SOLID RUBBER / W DECORATIVE SIDE PLATES



HARD / SOLID RUBBER / W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / BLACK RUBBER



WELDED DISC / GREY RUBBER



POLYOLEFIN



PHENOLIC



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number 36 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	140	2-1/2-36-105	1-11/16	3 7/16	2 3/4
		HARD / SOLID RUBBER	DELTRIN	210	2-1/2-36-106	1-11/16		
		POLYOLEFIN	PLAIN	210	2-1/2-36-513	1-11/16		
3	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	150	3-36-105	1-3/4	3 15/16	3
		CUSHION / SOLID RUBBER	BALL	150	3-36-152	1-3/4		
		HARD / SOLID RUBBER	DELTRIN	220	3-36-106	1-3/4		
		HARD / SOLID RUBBER	BALL	220	3-36-162	1-3/4		
		CAST IRON	PLAIN	300	3-36-120	1-3/4		
	1 1/2	POLYOLEFIN	PLAIN	250	3-36-521	1-3/4		
		PHENOLIC	PLAIN	300	3-36-121	1-3/4		
		PHENOLIC	ROLLER	300	3-36-221	1-3/4		



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number 36 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
<b>3 1/2</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	160	3-1/2-36-105	2	4 7/16	3 1/4
		CUSHION / SOLID RUBBER *	BALL	160	3-1/2-36-452 *	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-36-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-36-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELRIN	225	3-1/2-36-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-36-213GD	2-3/16		
		HARD / SOLID RUBBER	DELRIN	230	3-1/2-36-106	2		
		HARD / SOLID RUBBER *	BALL	230	3-1/2-36-462 *	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-36-513	2-3/16		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-36-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELRIN	250	3-1/2-36-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-36-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-36-213G	2-3/16		
		POLYLOC / GREY	DELRIN	250	3-1/2-36-314G	2-3/16		
		POLYLOC / BLUE	BALL	250	3-1/2-36-213P	2-3/16		
CAST IRON	PLAIN	300	3-1/2-36-120	2-3/16				
<b>4</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	170	4-36-105	2-3/8	4 15/16	3 1/2
		CUSHION / SOLID RUBBER *	BALL	170	4-36-452 *	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	200	4-36-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	200	4-36-113G	2-1/2		
		HARD / SOLID RUBBER	DELRIN	250	4-36-106	2-3/8		
		HARD / SOLID RUBBER *	BALL	250	4-36-462 *	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-36-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	250	4-36-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	275	4-36-113P	2-1/2		
		POLYLOC / GREY	BALL	275	4-36-213G	2-1/2		
		POLYLOC / GREY	DELRIN	275	4-36-314G	2-1/2		
		POLYLOC / BLUE	BALL	275	4-36-213P	2-1/2		
		POLYOLEFIN	PLAIN	275	4-36-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELRIN	300	4-36-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	300	4-36-213GF	2-1/2			
	CAST IRON	PLAIN	300	4-36-120	2-1/2			
	1 1/2	PHENOLIC	PLAIN	300	4-36-121	2-1/2		
	PHENOLIC	ROLLER	300	4-36-221	2-1/2			
<b>5</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	200	5-36-105	2-3/4	6 1/16	4
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	200	5-36-105C	2-3/4		
		CUSHION / SOLID RUBBER	BALL	200	5-36-152	2-3/4		
		CUSHION / SOLID RUBBER *	BALL	200	5-36-452 *	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-36-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-36-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-36-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-36-213GD	3		
		HARD / SOLID RUBBER	DELRIN	280	5-36-106	2-3/4		
		HARD / SOLID RUBBER	BALL	280	5-36-162	2-3/4		
		HARD / SOLID RUBBER *	BALL	280	5-36-462 *	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-36-113P	3		
		POLYLOC / GREY	BALL	300	5-36-213G	3		
		POLYLOC / GREY	DELRIN	300	5-36-314G	3		
		POLYLOC / BLUE	BALL	300	5-36-213P	3		
		POLYOLEFIN	PLAIN	300	5-36-513	3		
		POLYOLEFIN	BALL	300	5-36-514	3		
		CAST IRON	PLAIN	300	5-36-120	3		
	ADVANTAGE TPR / FLAT	DELRIN	325	5-36-314GF	3			
	ADVANTAGE TPR / FLAT	BALL	325	5-36-213GF	3			
	1 1/2	PHENOLIC	PLAIN	300	5-36-121	3		
PHENOLIC	ROLLER	300	5-36-221	3				
<b>6</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	220	6-36-105	3-1/8	7 1/16	4 1/2
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	220	6-36-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-36-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-36-113G	3-3/4		
		HARD / SOLID RUBBER	DELRIN	300	6-36-106	3-1/8		
		HARD / SOLID RUBBER	BALL	300	6-36-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-36-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-36-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-36-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-36-213G	3-3/4		
		POLYLOC / GREY	DELRIN	300	6-36-314G	3-3/4		
	POLYLOC / BLUE	BALL	300	6-36-213P	3-3/4			
	1 1/2	PHENOLIC	PLAIN	300	6-36-121	3-3/4		
	PHENOLIC	ROLLER	300	6-36-221	3-3/4			
	POLYOLEFIN	PLAIN	300	6-36-521	3-3/4			

**36 SERIES**

\* Wheels have decorative side plates.

# 3S Series

## Hollow Kingpin

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-3S5-105). **Other finishes available,** see page 15.
- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

Hollow kingpin casters are designed to accept a 3/8" diameter bolt or other stem type.

### WHEEL OPTIONS



CUSHION /  
SOLID RUBBER



CONDUCTIVE  
CUSHION / SOLID  
RUBBER



HARD / SOLID  
RUBBER



CUSHION / SOLID  
RUBBER / W  
DECORATIVE  
SIDE PLATES



HARD / SOLID  
RUBBER / W  
DECORATIVE  
SIDE PLATES



ADVANTAGE TPR /  
ROUND



ADVANTAGE TPR /  
FLAT



WELDED DISC /  
POLYURETHANE



WELDED DISC /  
BLACK RUBBER



WELDED DISC /  
GREY RUBBER



POLYOLEFIN



PHENOLIC



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Hollow Kingpin Model Number 3S Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	140	2-1/2-3S-105	1-11/16	3 7/16	2 3/4
		HARD / SOLID RUBBER	DELTRIN	210	2-1/2-3S-106	1-11/16		
		POLYOLEFIN	PLAIN	210	2-1/2-3S-513	1-11/16		
3	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	150	3-3S-105	1-3/4	3 15/16	3
		CUSHION / SOLID RUBBER	BALL	150	3-3S-152	1-3/4		
		HARD / SOLID RUBBER	DELTRIN	220	3-3S-106	1-3/4		
		HARD / SOLID RUBBER	BALL	220	3-3S-162	1-3/4		
	1 1/2	CAST IRON	PLAIN	300	3-3S-120	1-3/4		
		POLYOLEFIN	PLAIN	250	3-3S-521	1-3/4		
		PHENOLIC	PLAIN	300	3-3S-121	1-3/4		
		PHENOLIC	ROLLER	300	3-3S-221	1-3/4		



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Hollow Kingpin Model Number 3S Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3 1/2	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	160	3-1/2-3S-105	2	4 7/16	3 1/4
		CUSHION / SOLID RUBBER *	BALL	160	3-1/2-3S-452 *	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-3S-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-3S-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELTRIN	225	3-1/2-3S-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-3S-213GD	2-3/16		
		HARD / SOLID RUBBER	DELTRIN	230	3-1/2-3S-106	2		
		HARD / SOLID RUBBER *	BALL	230	3-1/2-3S-462 *	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-3S-513	2-3/16		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-3S-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELTRIN	250	3-1/2-3S-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-3S-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-3S-213G	2-3/16		
		POLYLOC / GREY	DELTRIN	250	3-1/2-3S-314G	2-3/16		
		POLYLOC / BLUE	BALL	250	3-1/2-3S-213P	2-3/16		
CAST IRON	PLAIN	300	3-1/2-3S-120	2-3/16				
4	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	170	4-3S-105	2-3/8	4 15/16	3 1/2
		CUSHION / SOLID RUBBER *	BALL	170	4-3S-452 *	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	200	4-3S-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	200	4-3S-113G	2-1/2		
		HARD / SOLID RUBBER	DELTRIN	250	4-3S-106	2-3/8		
		HARD / SOLID RUBBER *	BALL	250	4-3S-462 *	2-3/8		
		ADVANTAGE TPR / ROUND	DELTRIN	250	4-3S-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	250	4-3S-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	275	4-3S-113P	2-1/2		
		POLYLOC / GREY	BALL	275	4-3S-213G	2-1/2		
		POLYLOC / GREY	DELTRIN	275	4-3S-314G	2-1/2		
		POLYLOC / BLUE	BALL	275	4-3S-213P	2-1/2		
		POLYOLEFIN	PLAIN	275	4-3S-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELTRIN	300	4-3S-314GF	2-1/2		
	ADVANTAGE TPR / FLAT	BALL	300	4-3S-213GF	2-1/2			
	CAST IRON	PLAIN	300	4-3S-120	2-1/2			
	1 1/2	PHENOLIC	PLAIN	300	4-3S-121	2-1/2		
		PHENOLIC	ROLLER	300	4-3S-221	2-1/2		
5	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	200	5-3S-105	2-3/4	6 1/16	4
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	200	5-3S-105C	2-3/4		
		CUSHION / SOLID RUBBER	BALL	200	5-3S-152	2-3/4		
		CUSHION / SOLID RUBBER *	BALL	200	5-3S-452 *	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-3S-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-3S-113G	3		
		ADVANTAGE TPR / ROUND	DELTRIN	250	5-3S-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-3S-213GD	3		
		HARD / SOLID RUBBER	DELTRIN	280	5-3S-106	2-3/4		
		HARD / SOLID RUBBER	BALL	280	5-3S-162	2-3/4		
		HARD / SOLID RUBBER *	BALL	280	5-3S-462 *	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-3S-113P	3		
		POLYLOC / GREY	BALL	300	5-3S-213G	3		
		POLYLOC / GREY	DELTRIN	300	5-3S-314G	3		
		POLYLOC / BLUE	BALL	300	5-3S-213P	3		
		POLYOLEFIN	PLAIN	300	5-3S-513	3		
		POLYOLEFIN	BALL	300	5-3S-514	3		
		CAST IRON	PLAIN	300	5-3S-120	3		
	ADVANTAGE TPR / FLAT	DELTRIN	325	5-3S-314GF	3			
	ADVANTAGE TPR / FLAT	BALL	325	5-3S-213GF	3			
	1 1/2	PHENOLIC	PLAIN	300	5-3S-121	3		
PHENOLIC		ROLLER	300	5-3S-221	3			
6	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	220	6-3S-105	3-1/8	7 1/16	4 1/2
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	220	6-3S-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-3S-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-3S-113G	3-3/4		
		HARD / SOLID RUBBER	DELTRIN	300	6-3S-106	3-1/8		
		HARD / SOLID RUBBER	BALL	300	6-3S-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-3S-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELTRIN	300	6-3S-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-3S-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-3S-213G	3-3/4		
		POLYLOC / GREY	DELTRIN	300	6-3S-314G	3-3/4		
		POLYLOC / BLUE	BALL	300	6-3S-213P	3-3/4		
	1 1/2	PHENOLIC	PLAIN	300	6-3S-121	3-3/4		
		PHENOLIC	ROLLER	300	6-3S-221	3-3/4		
		POLYOLEFIN	PLAIN	300	6-3S-521	3-3/4		

3S SERIES

\* Wheels have decorative side plates.

# 38 Series

## Pipe Thread Stem

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-385-105). **Other finishes available,** see page 15.
- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-38-213G STEM 1).

Mounting Code	Stem Size
STEM 1	1/2" Pipe Thread (3/4" actual stem diameter)
STEM 2	3/4" Pipe Thread (1" actual stem diameter)
STEM 3	1" Pipe Thread (1-1/4" actual stem diameter)
STEM 4	1-1/4" Pipe Thread (1-1/2" actual stem diameter)

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



CONDUCTIVE CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



CUSHION / SOLID RUBBER / W DECORATIVE SIDE PLATES



HARD / SOLID RUBBER / W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / BLACK RUBBER



WELDED DISC / GREY RUBBER



POLYOLEFIN



PHENOLIC



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Pipe Thread Stem Model Number 38 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	140	2-1/2-38-105	1-11/16	3 7/16	2 3/4
		HARD / SOLID RUBBER	DELTRIN	210	2-1/2-38-106	1-11/16		
		POLYOLEFIN	PLAIN	210	2-1/2-38-513	1-11/16		
3	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	150	3-38-105	1-3/4	3 15/16	3
		CUSHION / SOLID RUBBER	BALL	150	3-38-152	1-3/4		
		HARD / SOLID RUBBER	DELTRIN	220	3-38-106	1-3/4		
		HARD / SOLID RUBBER	BALL	220	3-38-162	1-3/4		
		CAST IRON	PLAIN	300	3-38-120	1-3/4		
	1 1/2	POLYOLEFIN	PLAIN	250	3-38-521	1-3/4		
		PHENOLIC	PLAIN	300	3-38-121	1-3/4		
		PHENOLIC	ROLLER	300	3-38-221	1-3/4		



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Pipe Thread Stem Model Number 38 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
<b>3 1/2</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	160	3-1/2-38-105	2	4 7/16	3 1/4
		CUSHION / SOLID RUBBER *	BALL	160	3-1/2-38-452 *	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-38-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-38-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELRIN	225	3-1/2-38-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-38-213GD	2-3/16		
		HARD / SOLID RUBBER	DELRIN	230	3-1/2-38-106	2		
		HARD / SOLID RUBBER *	BALL	230	3-1/2-38-462 *	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-38-513	2-3/16		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-38-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELRIN	250	3-1/2-38-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-38-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-38-213G	2-3/16		
		POLYLOC / GREY	DELRIN	250	3-1/2-38-314G	2-3/16		
		POLYLOC / BLUE	BALL	250	3-1/2-38-213P	2-3/16		
CAST IRON	PLAIN	300	3-1/2-38-120	2-3/16				
<b>4</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	170	4-38-105	2-3/8	4 15/16	3 1/2
		CUSHION / SOLID RUBBER *	BALL	170	4-38-452 *	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	200	4-38-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	200	4-38-113G	2-1/2		
		HARD / SOLID RUBBER	DELRIN	250	4-38-106	2-3/8		
		HARD / SOLID RUBBER *	BALL	250	4-38-462 *	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-38-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	250	4-38-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	275	4-38-113P	2-1/2		
		POLYLOC / GREY	BALL	275	4-38-213G	2-1/2		
		POLYLOC / GREY	DELRIN	275	4-38-314G	2-1/2		
		POLYLOC / BLUE	BALL	275	4-38-213P	2-1/2		
		POLYOLEFIN	PLAIN	275	4-38-513	2-1/2		
		ADVANTAGE TPR / FLAT	DELRIN	300	4-38-314GF	2-1/2		
		ADVANTAGE TPR / FLAT	BALL	300	4-38-213GF	2-1/2		
	CAST IRON	PLAIN	300	4-38-120	2-1/2			
	1 1/2	PHENOLIC	PLAIN	300	4-38-121	2-1/2		
	1 1/2	PHENOLIC	ROLLER	300	4-38-221	2-1/2		
<b>5</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	200	5-38-105	2-3/4	6 1/16	4
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	200	5-38-105C	2-3/4		
		CUSHION / SOLID RUBBER	BALL	200	5-38-152	2-3/4		
		CUSHION / SOLID RUBBER *	BALL	200	5-38-452 *	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-38-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-38-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-38-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-38-213GD	3		
		HARD / SOLID RUBBER	DELRIN	280	5-38-106	2-3/4		
		HARD / SOLID RUBBER	BALL	280	5-38-162	2-3/4		
		HARD / SOLID RUBBER *	BALL	280	5-38-462 *	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-38-113P	3		
		POLYLOC / GREY	BALL	300	5-38-213G	3		
		POLYLOC / GREY	DELRIN	300	5-38-314G	3		
		POLYLOC / BLUE	BALL	300	5-38-213P	3		
		POLYOLEFIN	PLAIN	300	5-38-513	3		
		POLYOLEFIN	BALL	300	5-38-514	3		
		CAST IRON	PLAIN	300	5-38-120	3		
	ADVANTAGE TPR / FLAT	DELRIN	325	5-38-314GF	3			
	ADVANTAGE TPR / FLAT	BALL	325	5-38-213GF	3			
	1 1/2	PHENOLIC	PLAIN	300	5-38-121	3		
1 1/2	PHENOLIC	ROLLER	300	5-38-221	3			
<b>6</b>	1 1/4	CUSHION / SOLID RUBBER	DELRIN	220	6-38-105	3-1/8	7 1/16	4 1/2
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	220	6-38-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-38-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-38-113G	3-3/4		
		HARD / SOLID RUBBER	DELRIN	300	6-38-106	3-1/8		
		HARD / SOLID RUBBER	BALL	300	6-38-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-38-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-38-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-38-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-38-213G	3-3/4		
		POLYLOC / GREY	DELRIN	300	6-38-314G	3-3/4		
		POLYLOC / BLUE	BALL	300	6-38-213P	3-3/4		
	1 1/2	PHENOLIC	PLAIN	300	6-38-121	3-3/4		
	1 1/2	PHENOLIC	ROLLER	300	6-38-221	3-3/4		
	1 1/2	POLYOLEFIN	PLAIN	300	6-38-521	3-3/4		

**38 SERIES**

\* Wheels have decorative side plates.

# 40 Series

## Expanding Adapter Stem

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

### CASTER OPTIONS

- ✓ **Bright Nickel Plating:** to order, add "5" to body of model number (Example: 5-405-105). **Other finishes available,** see page 15.
- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number (not available on 2-1/2" wheel models).
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

Rubber bushing expands inside of tubing as 3/4" nut beneath lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit. Threaded stem size (less adapter): 1/2" diameter x 2-3/4" long. See chart at right for adapter sizes and matching tube sizes.

To order, add adapter number to end of model number (example: 5-40-105 9).

Adapter Number	Tubing I.D. (inches)
9	3/4"
11	7/8"
13	1"
15	1-1/8"
17 B	1-3/16"
19 C	1-3/8"
19 A	1-1/2"
21	1-7/8"

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



CONDUCTIVE CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



CUSHION / SOLID RUBBER / W DECORATIVE SIDE PLATES



HARD / SOLID RUBBER / W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / BLACK RUBBER



WELDED DISC / GREY RUBBER



POLYOLEFIN



PHENOLIC



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Expanding Adapter Model Number 40 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
2 1/2	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	140	2-1/2-40-105	1-11/16	3 7/16	2 3/4
		HARD / SOLID RUBBER	DELTRIN	210	2-1/2-40-106	1-11/16		
		POLYOLEFIN	PLAIN	210	2-1/2-40-513	1-11/16		
3	1 1/4	CUSHION / SOLID RUBBER	DELTRIN	150	3-40-105	1-3/4	3 15/16	3
		CUSHION / SOLID RUBBER	BALL	150	3-40-152	1-3/4		
		HARD / SOLID RUBBER	DELTRIN	220	3-40-106	1-3/4		
		HARD / SOLID RUBBER	BALL	220	3-40-162	1-3/4		
		CAST IRON	PLAIN	300	3-40-120	1-3/4		
	1 1/2	POLYOLEFIN	PLAIN	250	3-40-521	1-3/4		
		PHENOLIC	PLAIN	300	3-40-121	1-3/4		
		PHENOLIC	ROLLER	300	3-40-221	1-3/4		



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Octagon Stem Model Number 32 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3 1/2	1 1/4	CUSHION / SOLID RUBBER	DELRIN	160	3-1/2-40-105	2	4 7/16	3 1/4
		CUSHION / SOLID RUBBER *	BALL	160	3-1/2-40-452 *	2		
		WELDED DISC / BLACK RUBBER	BALL	200	3-1/2-40-113	2-3/16		
		WELDED DISC / GREY RUBBER	BALL	225	3-1/2-40-113G	2-3/16		
		ADVANTAGE TPR / ROUND	DELRIN	225	3-1/2-40-314GD	2-3/16		
		ADVANTAGE TPR / ROUND	BALL	225	3-1/2-40-213GD	2-3/16		
		HARD / SOLID RUBBER	DELRIN	230	3-1/2-40-106	2		
		HARD / SOLID RUBBER *	BALL	230	3-1/2-40-462 *	2-3/16		
		POLYOLEFIN	PLAIN	250	3-1/2-40-513	2-3/16		
		WELDED DISC / POLYURETHANE	BALL	250	3-1/2-40-113P	2-3/16		
		ADVANTAGE TPR / FLAT	DELRIN	250	3-1/2-40-314GF	2-3/16		
		ADVANTAGE TPR / FLAT	BALL	250	3-1/2-40-213GF	2-3/16		
		POLYLOC / GREY	BALL	250	3-1/2-40-213G	2-3/16		
		POLYLOC / GREY	DELRIN	250	3-1/2-40-314G	2-3/16		
POLYLOC / BLUE	BALL	250	3-1/2-40-213P	2-3/16				
CAST IRON	PLAIN	300	3-1/2-40-120	2-3/16				
4	1 1/4	CUSHION / SOLID RUBBER	DELRIN	170	4-40-105	2-3/8	4 15/16	3 1/2
		CUSHION / SOLID RUBBER *	BALL	170	4-40-452 *	2-3/8		
		WELDED DISC / BLACK RUBBER	BALL	200	4-40-113	2-1/2		
		WELDED DISC / GREY RUBBER	BALL	200	4-40-113G	2-1/2		
		HARD / SOLID RUBBER	DELRIN	250	4-40-106	2-3/8		
		HARD / SOLID RUBBER *	BALL	250	4-40-462 *	2-3/8		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-40-314GD	2-1/2		
		ADVANTAGE TPR / ROUND	BALL	250	4-40-213GD	2-1/2		
		WELDED DISC / POLYURETHANE	BALL	275	4-40-113P	2-1/2		
		POLYLOC / GREY	BALL	275	4-40-213G	2-1/2		
		POLYLOC / GREY	DELRIN	275	4-40-314G	2-1/2		
		POLYLOC / BLUE	BALL	275	4-40-213P	2-1/2		
		POLYOLEFIN	PLAIN	275	4-40-513	2-1/2		
	ADVANTAGE TPR / FLAT	DELRIN	300	4-40-314GF	2-1/2			
	ADVANTAGE TPR / FLAT	BALL	300	4-40-213GF	2-1/2			
	CAST IRON	PLAIN	300	4-40-120	2-1/2			
	1 1/2	PHENOLIC	PLAIN	300	4-40-121	2-1/2		
PHENOLIC		ROLLER	300	4-40-221	2-1/2			
5	1 1/4	CUSHION / SOLID RUBBER	DELRIN	200	5-40-105	2-3/4	6 1/16	4
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	200	5-40-105C	2-3/4		
		CUSHION / SOLID RUBBER	BALL	200	5-40-152	2-3/4		
		CUSHION / SOLID RUBBER *	BALL	200	5-40-452 *	2-3/4		
		WELDED DISC / BLACK RUBBER	BALL	200	5-40-113	3		
		WELDED DISC / GREY RUBBER	BALL	200	5-40-113G	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-40-314GD	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-40-213GD	3		
		HARD / SOLID RUBBER	DELRIN	280	5-40-106	2-3/4		
		HARD / SOLID RUBBER	BALL	280	5-40-162	2-3/4		
		HARD / SOLID RUBBER *	BALL	280	5-40-462 *	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	300	5-40-113P	3		
		POLYLOC / GREY	BALL	300	5-40-213G	3		
		POLYLOC / GREY	DELRIN	300	5-40-314G	3		
		POLYLOC / BLUE	BALL	300	5-40-213P	3		
	POLYOLEFIN	PLAIN	300	5-40-513	3			
	POLYOLEFIN	BALL	300	5-40-514	3			
	CAST IRON	PLAIN	300	5-40-120	3			
	ADVANTAGE TPR / FLAT	DELRIN	325	5-40-314GF	3			
ADVANTAGE TPR / FLAT	BALL	325	5-40-213GF	3				
1 1/2	PHENOLIC	PLAIN	300	5-40-121	3			
	PHENOLIC	ROLLER	300	5-40-221	3			
6	1 1/4	CUSHION / SOLID RUBBER	DELRIN	220	6-40-105	3-1/8	7 1/16	4 1/2
		CONDUCTIVE CUSHION / SOLID RUBBER	SINTERED	220	6-40-105C	3-1/8		
		WELDED DISC / BLACK RUBBER	BALL	250	6-40-113	3-3/4		
		WELDED DISC / GREY RUBBER	BALL	250	6-40-113G	3-3/4		
		HARD / SOLID RUBBER	DELRIN	300	6-40-106	3-1/8		
		HARD / SOLID RUBBER	BALL	300	6-40-162	3-1/8		
		WELDED DISC / POLYURETHANE	BALL	300	6-40-113P	3-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-40-314GD	3-3/4		
		ADVANTAGE TPR / ROUND	BALL	300	6-40-213GD	3-3/4		
		POLYLOC / GREY	BALL	300	6-40-213G	3-3/4		
		POLYLOC / GREY	DELRIN	300	6-40-314G	3-3/4		
	POLYLOC / BLUE	BALL	300	6-40-213P	3-3/4			
	1 1/2	PHENOLIC	PLAIN	300	6-40-121	3-3/4		
		PHENOLIC	ROLLER	300	6-40-221	3-3/4		
		POLYOLEFIN	PLAIN	300	6-40-521	3-3/4		

40 SERIES

\* Wheels have decorative side plates.

# 50 Series

## Top Plate Total Lock • Swivel Lock

Capacity to 325 pounds each

### FEATURES

- ✓ **Finish:** bright nickel plated for attractive appearance and rust and corrosion resistance.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.

### CASTER OPTIONS

- ✓ **2-position and 4-position Swivel Locks:** available in 90° intervals – consult factory.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels – consult factory.
- ✓ **Thread Guards:** See page 95 for thread guard availability.
- ✓ **Optional Top Plate Sizes:** variety of top plate sizes available – consult factory.



### MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid)

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"

### WHEEL OPTIONS



CUSHION / SOLID RUBBER / W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / GREY RUBBER



POLYLOC / GREY



POLYLOC / BLUE



**Total Lock** – simultaneously locks swivel and wheel in any position. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step-on to engage; step-off to disengage.



**Swivel Lock** – swivel locks in trailing position at 180° while wheel spins freely. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step on to engage; step-off to disengage.



## Total Lock and Swivel Lock Brake Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Total Lock Caster Model Number 50 Series	Swivel Lock Caster Model Number 50 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	WELDED DISC / GREY RUBBER	BALL	200	4-50-113G TL	4-50-113G SL1	2-3/4	5 1/8	3 3/4
		ADVANTAGE TPR / ROUND	BALL	250	4-50-213GD TL	4-50-213GD SL1	2-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-50-314GD TL	4-50-314GD SL1	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	275	4-50-113P TL	4-50-113P SL1	2-3/4		
		POLYLOC / GREY	BALL	275	4-50-213G TL	4-50-213G SL1	2-3/4		
		POLYLOC / BLUE	BALL	275	4-50-213P TL	4-50-213P SL1	2-3/4		
		ADVANTAGE TPR / FLAT	BALL	300	4-50-213GF TL	4-50-213GF SL1	2-3/4		
		ADVANTAGE TPR / FLAT	DELRIN	300	4-50-314GF TL	4-50-314GFSL1	2-3/4		
5	1 1/4	CUSHION / SOLID RUBBER *	BALL	200	5-50-500 TL *	5-50-500 SL1 *	3	6 1/4	4 1/4
		WELDED DISC / GREY RUBBER	BALL	200	5-50-113G TL	5-50-113G SL1	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-50-213GD TL	5-50-213GD SL1	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-50-314GD TL	5-50-314GD SL1	3		
		WELDED DISC / POLYURETHANE	BALL	300	5-50-113P TL	5-50-113P SL1	3		
		POLYLOC / GREY	BALL	300	5-50-213G TL	5-50-213G SL1	3		
		POLYLOC / BLUE	BALL	300	5-50-213P TL	5-50-213P SL1	3		
		ADVANTAGE TPR / FLAT	BALL	325	5-50-213GF TL	5-50-213GF SL1	3		
ADVANTAGE TPR / FLAT	DELRIN	325	5-50-314GF TL	5-50-314GF SL1	3				
6	1 1/4	CUSHION / SOLID RUBBER *	BALL	220	6-50-500 TL *	6-50-500 SL1 *	3-1/2	7 1/4	4 3/4
		WELDED DISC / GREY RUBBER	BALL	250	6-50-113G TL	6-50-113G SL1	3-1/2		
		WELDED DISC / POLYURETHANE	BALL	300	6-50-113P TL	6-50-113P SL1	3-1/2		
		ADVANTAGE TPR / ROUND	BALL	300	6-50-213GD TL	6-50-213GD SL1	3-1/2		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-50-314GD TL	6-50-314GD SL1	3-1/2		
		POLYLOC / GREY	BALL	300	6-50-213G TL	6-50-213G SL1	3-1/2		
		POLYLOC / BLUE	BALL	300	6-50-213P TL	6-50-213P SL1	3-1/2		

\* Wheels have decorative side plates.

# 54 Series

**Round or Square Stem**  
**Total Lock • Swivel Lock**

Capacity to 325 pounds each

## FEATURES

- ✓ **Finish:** bright nickel plated for attractive appearance and rust and corrosion resistance.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel, hydraulically upset.

## CASTER OPTIONS

- ✓ **2-position and 4-position Swivel Locks:** available in 90° intervals – consult factory.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels – consult factory.
- ✓ **Thread Guards:** See page 95 for thread guard availability.
- ✓ **Optional Stem Sizes:** variety of top plate sizes available—consult factory.



## MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-54-213G **STEM 1**).

Stem Code	Stem Description
STEM 1	.845" diameter round x 2- 3/16" long
STEM 2	.865" diameter round x 2- 3/16" long
STEM 3	1" diameter round x 2- 3/16" long
STEM 4	.860 diameter square x 2- 3/16" long

## WHEEL OPTIONS



CUSHION / SOLID RUBBER/ W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / GREY RUBBER



POLYLOC / GREY



POLYLOC / BLUE



**Total Lock** – simultaneously locks swivel and wheel in any position. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step-on to engage; step-off to disengage.



**Swivel Lock** – swivel locks in trailing position at 180° while wheel spins freely. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step on to engage; step-off to disengage.



## Total Lock and Swivel Lock Brake Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Total Lock Caster Model Number 54 Series	Swivel Lock Model Number 54 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	WELDED DISC / GREY RUBBER	BALL	200	4-54-113G TL	4-54-113G SL1	2-3/4	5	3 3/4
		ADVANTAGE TPR / ROUND	BALL	250	4-54-213GD TL	4-54-213GD SL1	2-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-54-314GD TL	4-54-314GD SL1	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	275	4-54-113P TL	4-54-113P SL1	2-3/4		
		POLYLOC / GREY	BALL	275	4-54-213G TL	4-54-213G SL1	2-3/4		
		POLYLOC / BLUE	BALL	275	4-54-213P TL	4-54-213P SL1	2-3/4		
		ADVANTAGE TPR / FLAT	BALL	300	4-54-213GF TL	4-54-213GF SL1	2-3/4		
		ADVANTAGE TPR / FLAT	DELRIN	300	4-54-314GF TL	4-54-314GFSL1	2-3/4		
5	1 1/4	CUSHION / SOLID RUBBER *	BALL	200	5-54-500 TL *	5-54-500 SL1 *	3	6 1/16	4 1/4
		WELDED DISC / GREY RUBBER	BALL	200	5-54-113G TL	5-54-113G SL1	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-54-213GD TL	5-54-213GD SL1	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-54-314GD TL	5-54-314GD SL1	3		
		WELDED DISC / POLYURETHANE	BALL	300	5-54-113P TL	5-54-113P SL1	3		
		POLYLOC / GREY	BALL	300	5-54-213G TL	5-54-213G SL1	3		
		POLYLOC / BLUE	BALL	300	5-54-213P TL	5-54-213P SL1	3		
		ADVANTAGE TPR / FLAT	BALL	325	5-54-213GF TL	5-54-213GF SL1	3		
ADVANTAGE TPR / FLAT	DELRIN	325	5-54-314GF TL	5-54-314GF SL1	3				
6	1 1/4	CUSHION / SOLID RUBBER *	BALL	220	6-54-500 TL *	6-54-500 SL1 *	3-1/2	7 1/16	4 3/4
		WELDED DISC / GREY RUBBER	BALL	250	6-54-113G TL	6-54-113G SL1	3-1/2		
		WELDED DISC / POLYURETHANE	BALL	300	6-54-113P TL	6-54-113P SL1	3-1/2		
		ADVANTAGE TPR / ROUND	BALL	300	6-54-213GD TL	6-54-213GD SL1	3-1/2		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-54-314GD TL	6-54-314GD SL1	3-1/2		
		POLYLOC / GREY	BALL	300	6-54-213G TL	6-54-213G SL1	3-1/2		
		POLYLOC / BLUE	BALL	300	6-54-213P TL	6-54-213P SL1	3-1/2		

\* Wheels have decorative side plates.

# 56 Series

## Threaded Stem

### Total Lock • Swivel Lock

Capacity to 325 pounds each

#### FEATURES

- ✓ **Finish:** bright nickel plated for attractive appearance and rust and corrosion resistance.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter bolt with lock nut.
- ✓ **King Pin:** 1/2" steel, hydraulically upset.

#### CASTER OPTIONS

- ✓ **2-position and 4-position Swivel Locks:** available in 90° intervals – consult factory.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels – consult factory.
- ✓ **Thread Guards:** See page 95 for thread guard availability.
- ✓ **Optional Stem Sizes:** variety of stem sizes available – consult factory.



#### MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-56-213G **STEM 1**).

Stem Code	Stem Description
STEM 1	1/2" diameter -13 x 1" long
STEM 2	1/2" diameter -13 x 1- 1/2" long
STEM 3	3/4" diameter-10 x 1-3/4" long

#### WHEEL OPTIONS



CUSHION / SOLID RUBBER / W DECORATIVE SIDE PLATES



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



WELDED DISC / POLYURETHANE



WELDED DISC / GREY RUBBER



POLYLOC / GREY



POLYLOC / BLUE



**Total Lock** – simultaneously locks swivel and wheel in any position. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step-on to engage; step-off to disengage.



**Swivel Lock** – swivel locks in trailing position at 180° while wheel spins freely. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step on to engage; step-off to disengage.



## Total Lock and Swivel Lock Brake Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Total Lock Caster Model Number 56 Series	Swivel Lock Model Number 56 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	WELDED DISC / GREY RUBBER	BALL	200	4-56-113G TL	4-56-113G SL1	2-3/4	5	3 3/4
		ADVANTAGE TPR / ROUND	BALL	250	4-56-213GD TL	4-56-213GD SL1	2-3/4		
		ADVANTAGE TPR / ROUND	DELRIN	250	4-56-314GD TL	4-56-314GD SL1	2-3/4		
		WELDED DISC / POLYURETHANE	BALL	275	4-56-113P TL	4-56-113P SL1	2-3/4		
		POLYLOC / GREY	BALL	275	4-56-213G TL	4-56-213G SL1	2-3/4		
		POLYLOC / BLUE	BALL	275	4-56-213P TL	4-56-213P SL1	2-3/4		
		ADVANTAGE TPR / FLAT	BALL	300	4-56-213GF TL	4-56-213GF SL1	2-3/4		
		ADVANTAGE TPR / FLAT	DELRIN	300	4-56-314GF TL	4-56-314GFSL1	2-3/4		
5	1 1/4	CUSHION / SOLID RUBBER *	BALL	200	5-56-500 TL *	5-56-500 SL1 *	3	6 1/16	4 1/4
		WELDED DISC / GREY RUBBER	BALL	200	5-56-113G TL	5-56-113G SL1	3		
		ADVANTAGE TPR / ROUND	BALL	250	5-56-213GD TL	5-56-213GD SL1	3		
		ADVANTAGE TPR / ROUND	DELRIN	250	5-56-314GD TL	5-56-314GD SL1	3		
		WELDED DISC / POLYURETHANE	BALL	300	5-56-113P TL	5-56-113P SL1	3		
		POLYLOC / GREY	BALL	300	5-56-213G TL	5-56-213G SL1	3		
		POLYLOC / BLUE	BALL	300	5-56-213P TL	5-56-213P SL1	3		
		ADVANTAGE TPR / FLAT	BALL	325	5-56-213GF TL	5-56-213GF SL1	3		
ADVANTAGE TPR / FLAT	DELRIN	325	5-56-314GF TL	5-56-314GF SL1	3				
6	1 1/4	CUSHION / SOLID RUBBER *	BALL	220	6-56-500 TL *	6-56-500 SL1 *	3-1/2	7 1/16	4 3/4
		WELDED DISC / GREY RUBBER	BALL	250	6-56-113G TL	6-56-113G SL1	3-1/2		
		WELDED DISC / POLYURETHANE	BALL	300	6-56-113P TL	6-56-113P SL1	3-1/2		
		ADVANTAGE TPR / ROUND	BALL	300	6-56-213GD TL	6-56-213GD SL1	3-1/2		
		ADVANTAGE TPR / ROUND	DELRIN	300	6-56-314GD TL	6-56-314GD SL1	3-1/2		
		POLYLOC / GREY	BALL	300	6-56-213G TL	6-56-213G SL1	3-1/2		
		POLYLOC / BLUE	BALL	300	6-56-213P TL	6-56-213P SL1	3-1/2		

\* Wheels have decorative side plates.

# 50N Series

## Swivel & Rigid Top Plate

Swivel • Total Lock • Swivel Lock  
Capacity to 300 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** heavy gauge cold rolled steel, formed for strength.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 3/8" diameter riveted nut and bolt.

**NEW**

### CASTER OPTIONS

- ✓ **Stainless Steel:** to order, add "S" to body of model number (Example: 5-S50N-314NF).



### MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid)

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
2-3/4" x 3-3/4"	1-3/4" x 2-7/8" to 3"	5/16"

### WHEEL OPTIONS



THERMOPLASTIC RUBBER (TPR) / FLAT



THERMOPLASTIC RUBBER (TPR) / ROUND



POLYURETHANE / GREY



**Total Lock** – simultaneously locks swivel and wheel in any position. Step-on to engage; step-off to disengage.



**Swivel Lock** – swivel locks in trailing position at 180° while wheel spins freely. Step on to engage; step-off to disengage.



## Swivel and Rigid Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 50N Series	Rigid Caster Model Number 51N Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	TPR / FLAT	PRECISION BALL	170	3-50N-213NF	3-51N-213NF	1-3/4	4 3/8	2 3/16
		TPR / FLAT	PLAIN	170	3-50N-314NF	3-51N-314NF	1-3/4		
		TPR / ROUND	PRECISION BALL	170	3-50N-213ND	3-51N-213ND	1-3/4		
		TPR / ROUND	PLAIN	170	3-50N-314ND	3-51N-314ND	1-3/4		
		POLYURETHANE / GREY	PRECISION BALL	250	3-50N-213NG	3-51N-213NG	1-3/4		
		POLYURETHANE / GREY	PLAIN	250	3-50N-314NG	3-51N-314NG	1-3/4		
4	1 1/4	TPR / FLAT	PRECISION BALL	190	4-50N-213NF	4-51N-213NF	2-1/2	5 7/16	3 5/16
		TPR / FLAT	PLAIN	190	4-50N-314NF	4-51N-314NF	2-1/2		
		TPR / ROUND	PRECISION BALL	190	4-50N-213ND	4-51N-213ND	2-1/2		
		TPR / ROUND	PLAIN	190	4-50N-314ND	4-51N-314ND	2-1/2		
		POLYURETHANE / GREY	PRECISION BALL	300	4-50N-213NG	4-51N-213NG	2-1/2		
		POLYURETHANE / GREY	PLAIN	300	4-50N-314NG	4-51N-314NG	2-1/2		
5	1 1/4	TPR / FLAT	PRECISION BALL	200	5-50N-213NF	5-51N-213NF	3	6 1/2	3 3/16
		TPR / FLAT	PLAIN	200	5-50N-314NF	5-51N-314NF	3		
		TPR / ROUND	PRECISION BALL	200	5-50N-213ND	5-51N-213ND	3		
		TPR / ROUND	PLAIN	200	5-50N-314ND	5-51N-314ND	3		
		POLYURETHANE / GREY	PRECISION BALL	300	5-50N-213NG	5-51N-213NG	3		
		POLYURETHANE / GREY	PLAIN	300	5-50N-314NG	5-51N-314NG	3		

## Total Lock and Swivel Lock Brake Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Total Lock Caster Model Number 50N Series	Swivel Lock Caster Model Number 50N Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
3	1 1/4	TPR / FLAT	PRECISION BALL	170	3-50N-213NF TL	3-50N-213NF SL1	2	4 3/8	4 1/8
		TPR / FLAT	PLAIN	170	3-50N-314NF TL	3-50N-314NF SL1	2		
		TPR / ROUND	PRECISION BALL	170	3-50N-213ND TL	3-50N-213ND SL1	2		
		TPR / ROUND	PLAIN	170	3-50N-314ND TL	3-50N-314ND SL1	2		
		POLYURETHANE / GREY	PRECISION BALL	250	3-50N-213NG TL	3-50N-213NG SL1	2		
		POLYURETHANE / GREY	PLAIN	250	3-50N-314NG TL	3-50N-314NG SL1	2		
4	1 1/4	TPR / FLAT	PRECISION BALL	190	4-50N-213NF TL	4-50N-213NF SL1	2-3/4	5 7/16	4 1/8
		TPR / FLAT	PLAIN	190	4-50N-314NF TL	4-50N-314NF SL1	2-3/4		
		TPR / ROUND	PRECISION BALL	190	4-50N-213ND TL	4-50N-213ND SL1	2-3/4		
		TPR / ROUND	PLAIN	190	4-50N-314ND TL	4-50N-314ND SL1	2-3/4		
		POLYURETHANE / GREY	PRECISION BALL	300	4-50N-213NG TL	4-50N-213NG SL1	2-3/4		
		POLYURETHANE / GREY	PLAIN	300	4-50N-314NG TL	4-50N-314NG SL1	2-3/4		
5	1 1/4	TPR / FLAT	PRECISION BALL	200	5-50N-213NF TL	5-50N-213NF SL1	3-1/4	6 1/2	4 1/8
		TPR / FLAT	PLAIN	200	5-50N-314NF TL	5-50N-314NF SL1	3-1/4		
		TPR / ROUND	PRECISION BALL	200	5-50N-213ND TL	5-50N-213ND SL1	3-1/4		
		TPR / ROUND	PLAIN	200	5-50N-314ND TL	5-50N-314ND SL1	3-1/4		
		POLYURETHANE / GREY	PRECISION BALL	300	5-50N-213NG TL	5-50N-213NG SL1	3-1/4		
		POLYURETHANE / GREY	PLAIN	300	5-50N-314NG TL	5-50N-314NG SL1	3-1/4		

# 50MG Series

**Futura™ Thermoplastic Casters**  
**Swivel • Total Lock • Swivel Lock**  
**Capacity to 250 pounds each**



## FEATURES

- ✓ **Modern styling** to enhance equipment aesthetics.
- ✓ **Advanced engineered thermoplastic construction** offers maintenance-free operation and rugged durability.
- ✓ **Reinforced fork** is chemical and shock resistant for lasting performance under load.
- ✓ **Ideally suited** for high-end carts and portable equipment.
- ✓ **Steel top plate** is zinc plated for resist rust and corrosion.
- ✓ **Double ball bearing** steel raceway is heat-treated for maximum durability and swiveling ease.
- ✓ **Maximum operating temperature:** +192° F (constant)

## CASTER OPTIONS

- ✓ **Stainless steel:** stainless steel top plate or stems, ball bearings, raceways and kingpin. To order, add "S" to beginning of body of model number. (For example, 5-S50MG-314GD).
- ✓ **Plastic Thread Guards:** to order, add "TG" to end of model number.
- ✓ **Axle Caps:** to order, add "A" to end of model number.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels – consult factory.
- ✓ **Optional Top Plate & Stem Sizes:** variety of top plate sizes available – consult factory.

## MOUNTING OPTIONS

**Top Plate:** Optional Top Plate Sizes: variety of top plate sizes available – consult factory.

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"

**Spring Ring Stem Sizes:** to order, specify stem code number and add to end of caster model number.

Stem Code	Spring Ring Stem Dimensions
STEM 1	.845" diameter round x 2-3/16" long
STEM 2	.865" diameter round x 2-3/16" long
STEM 3	.860" diameter square x 2-3/16" long

**Threaded Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-56MG-314GD **STEM 1**).

Stem Code	Threaded Stem Dimensions
STEM 1	1/2" diameter – 13 x 3/4" long
STEM 2	1/2" diameter – 13 x 1" long
STEM 3	1/2" diameter – 13 x 1-1/2" long
STEM 4	1/2" diameter – 20 x 3/4" long
STEM 5	1/2" diameter – 20 x 2-1/4" long
STEM 6	5/8" diameter – 11 x 1-1/4" long
STEM 7	5/8" diameter – 18 x 1-3/4" long
STEM 8	3/4" diameter – 10 x 1" long

**50MG SERIES**

## WHEEL OPTIONS



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



POLYLOC / GREY



## Expanding Adapter Stem

These models also available with expanding adapter stems-consult factory.



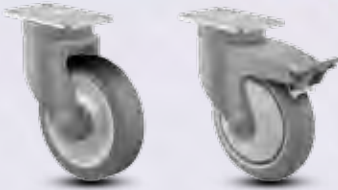
**Free swivel** – caster swivels 360°



**Total Lock** – swivel & wheel locked simultaneously in any position



**Swivel Lock** – swivel locks in trailing position at 180° while wheel spins free.



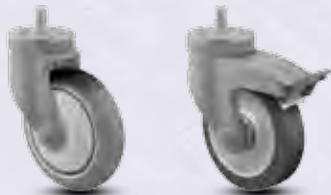
### Swivel Top Plate / Total Lock / Swivel Lock Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Free Swivel Model Number 50MG Series	Total Lock Model Number 50MG Series	Swivel Lock Model Number 50MG Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	1 1/4	Advantage TPR / Round	Delrin	250	5-50MG-314GD	5-50MG-314GD TL	5-50MG-314GD SL1	1-1/2	6 3/8	4
		Advantage TPR / Round	Ball	250	5-50MG-213GD	5-50MG-213GD TL	5-50MG-213GD SL1	1-1/2		
		Advantage TPR / Flat	Delrin	250	5-50MG-314GF	5-50MG-314GF TL	5-50MG-314GF SL1	1-1/2		
		Advantage TPR / Flat	Ball	250	5-50MG-213GF	5-50MG-213GF TL	5-50MG-213GF SL1	1-5/8		
		PolyLoc / Grey	Delrin	250	5-50MG-314GP	5-50MG-314GP TL	5-50MG-314GP SL1	1-1/2		
		PolyLoc / Grey	Ball	250	5-50MG-213GP	5-50MG-213GP TL	5-50MG-213GP SL1	1-5/8		



### Spring Ring Stem / Total Lock / Swivel Lock Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Free Swivel Model Number 54MG Series	Total Lock Model Number 54MG Series	Swivel Lock Model Number 54MG Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	1 1/4	Advantage TPR / Round	Delrin	250	5-54MG-314GD	5-54MG-314GD TL	5-54MG-314GD SL1	1-7/8	6 3/8	4
		Advantage TPR / Round	Ball	250	5-54MG-213GD	5-54MG-213GD TL	5-54MG-213GD SL1	1-7/8		
		Advantage TPR / Flat	Delrin	250	5-54MG-314GF	5-54MG-314GF TL	5-54MG-314GF SL1	1-7/8		
		Advantage TPR / Flat	Ball	250	5-54MG-213GF	5-54MG-213GF TL	5-54MG-213GF SL1	2		
		PolyLoc / Grey	Delrin	250	5-54MG-314GP	5-54MG-314GP TL	5-54MG-314GP SL1	1-7/8		
		PolyLoc / Grey	Ball	250	5-54MG-213GP	5-54MG-213GP TL	5-54MG-213GP SL1	2		



### Threaded Stem / Total Lock / Swivel Lock Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Free Swivel Model Number 56MG Series	Total Lock Model Number 56MG Series	Swivel Lock Model Number 56MG Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	1 1/4	Advantage TPR / Round	Delrin	250	5-56MG-314GD	5-56MG-314GD TL	5-56MG-314GD SL1	1-5/8	6 3/8	4
		Advantage TPR / Round	Ball	250	5-56MG-213GD	5-56MG-213GD TL	5-56MG-213GD SL1	1-7/8		
		Advantage TPR / Flat	Delrin	250	5-56MG-314GF	5-56MG-314GF TL	5-56MG-314GF SL1	1-7/8		
		PolyLoc / Grey	Ball	250	5-56MG-213GP	5-56MG-213GP TL	5-56MG-213GP SL1	1-7/8		
		PolyLoc / Grey	Delrin	250	5-56MG-314GP	5-56MG-314GP TL	5-56MG-314GP SL1	1-5/8		
		Advantage TPR / Flat	Ball	250	5-56MG-213GF	5-56MG-213GF TL	5-56MG-213GF SL1	1-7/8		

**50MG SERIES**

# 50HN Series

**Infinity™ Thermoplastic Casters**  
**Swivel • Total Lock • Swivel Lock**  
**Capacity to 250 pounds each**

## FEATURES

- ✓ **Ideally suited** for medical, high-tech and institutional equipment.
- ✓ **Sleek, advanced design** combines corrosion and chemical resistance with silent operation.
- ✓ **Molded from engineered, reinforced thermoplastics** for trouble-free performance even in wash-down applications.
- ✓ **Precision ball bearing swivel raceway** for smooth, effortless swivel action
- ✓ **Non-marking wheel design.**
- ✓ **Steel top plates** and mounting stems are zinc plated to resist rust.
- ✓ **Axle:** 3/8" diameter riveted.

**NEW**

## CASTER OPTIONS

- ✓ **Stainless steel:** stainless steel top plate and mounting stems, swivel ball bearings and kingpin available – consult factory.
- ✓ **Plastic Thread Guards:** to order, add "TG" to end of model number.
- ✓ **Axle Caps:** to order, add "A" to end of model number.
- ✓ **Optional Top Plate & Stem Sizes:** variety of top plate sizes available – consult factory.



## MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid): to order, add Plate Mounting Code to end of model number. (Example: 5-30-105 **PLT 1**).

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
PLT 2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT 3	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16"
PLT 4	4" x 4"	3" x 3"	3/8"
PLT 5	3-3/4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
PLT 7	3-1/2" x 3-1/2"	2-5/8" x 2-5/8"	9/32"

**Spring Ring Stem Sizes:** to order, specify stem code number and add to end of caster model number.

Stem Code	Spring Ring Stem Dimensions
STEM 1	.845" diameter round x 2-3/16" long
STEM 2	.865" diameter round x 2-3/16" long
STEM 3	.860" diameter square x 2-3/16" long

**Threaded Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 5-56HN-314GD **STEM 1**).

Stem Code	Threaded Stem Dimensions
STEM 1	1/2" diameter – 13 x 3/4" long
STEM 2	1/2" diameter – 13 x 1" long
STEM 3	1/2" diameter – 13 x 1-1/2" long
STEM 4	1/2" diameter – 20 x 3/4" long
STEM 5	1/2" diameter – 20 x 2-1/4" long
STEM 6	5/8" diameter – 11 x 1-1/4" long
STEM 7	5/8" diameter – 18 x 1-3/4" long
STEM 8	3/4" diameter – 10 x 1" long

## WHEEL OPTIONS



WELDED DISC / GREY RUBBER



WELDED DISC / BLACK RUBBER



WELDED DISC / POLYURETHANE



CUSHION / SOLID RUBBER



CUSHION / SOLID RUBBER W/DECORATIVE SIDE PLATES



ADVANTAGE TPR / FLAT



ADVANTAGE TPR / ROUND



POLYLOC / GREY



POLYLOC / BLUE



**Total Lock** – simultaneously locks swivel and wheel in any position. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step-on to engage; step-off to disengage.



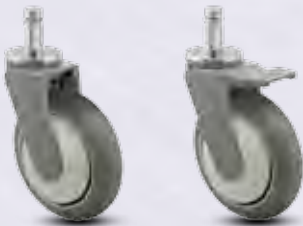
**Swivel Lock** – swivel locks in trailing position at 180° while wheel spins freely. Thermoplastic brake pedal is maintenance-free and provides positive locking force. Step on to engage; step-off to disengage.



### Swivel Top Plate / Total Lock / Swivel Lock Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Free Swivel Model Number 50HN Series	Total Lock Model Number 50HN Series	Swivel Lock Model Number 50HN Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	1 1/4	Cushion / Solid Rubber *	Ball	200	5-50HN-500 *	5-50HN-500 TL *	5-50HN-500 SL1 *	2-3/4	6 1/4	4 1/4
		Welded Disc / Grey Rubber	Ball	200	5-50HN-113G	5-50HN-113G TL	5-50HN-113G SL1	2-3/4		
		Advantage TPR / Round	Delrin	250	5-50HN-314GD	5-50HN-314GD TL	5-50HN-314GD SL1	2-3/4		
		Advantage TPR / Round	Ball	250	5-50HN-213GD	5-50HN-213GD TL	5-50HN-213GD SL1	2-3/4		
		Welded Disc / Polyurethane	Ball	300	5-50HN-113P	5-50HN-113P TL	5-50HN-113P SL1	2-3/4		
		Advantage TPR / Flat	Delrin	300	5-50HN-314GF	5-50HN-314GF TL	5-50HN-314GF SL1	2-3/4		
		Advantage TPR / Flat	Ball	300	5-50HN-213GF	5-50HN-213GF TL	5-50HN-213GF SL1	2-3/4		
		PolyLoc / Grey	Ball	300	5-50HN-213G	5-50HN-213G TL	5-50HN-213G SL1	2-3/4		
		PolyLoc / Blue	Ball	300	5-50HN-213P	5-50HN-213P TL	5-50HN-213P SL1	2-3/4		

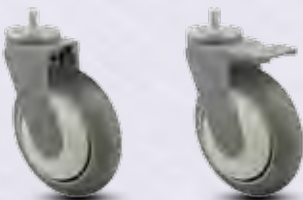
\* Wheels have decorative side plates.



### Spring Ring Stem / Total Lock / Swivel Lock Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Free Swivel Model Number 54NH Series	Total Lock Model Number 54NH Series	Swivel Lock Model Number 54NH Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	1 1/4	Cushion Solid Rubber *	Ball	200	5-54HN-500 *	5-54HN-500 TL *	5-54HN-500 SL1 *	2-3/4	6 1/4	4 1/4
		Welded Disc / Grey Rubber	Ball	200	5-54HN-113G	5-54HN-113G TL	5-54HN-113G SL1	2-3/4		
		Advantage TPR / Round	Delrin	250	5-54HN-314GD	5-54HN-314GD TL	5-54HN-314GD SL1	2-3/4		
		Advantage TPR / Round	Ball	250	5-54HN-213GD	5-54HN-213GD TL	5-54HN-213GD SL1	2-3/4		
		Welded Disc / Polyurethane	Ball	300	5-54HN-113P	5-54HN-113P TL	5-54HN-113P SL1	2-3/4		
		Advantage TPR / Flat	Delrin	300	5-54HN-314GF	5-54HN-314GF TL	5-54HN-314GF SL1	2-3/4		
		Advantage TPR / Flat	Ball	300	5-54HN-213GF	5-54HN-213GF TL	5-54HN-213GF SL1	2-3/4		
		PolyLoc / Grey	Ball	300	5-54HN-213G	5-54HN-213G TL	5-54HN-213G SL1	2-3/4		
		PolyLoc / Blue	Ball	300	5-54HN-213P	5-54HN-213P TL	5-54HN-213P SL1	2-3/4		

\* Wheels have decorative side plates.



### Threaded Stem / Total Lock / Swivel Lock Models

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Free Swivel Model Number 56HN Series	Total Lock Model Number 56HN Series	Swivel Lock Model Number 56HN Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	1 1/4	Cushion Solid Rubber *	Ball	200	5-56HN-500 *	5-56HN-500 TL *	5-56HN-500 SL1 *	2-3/4	6 1/4	4 1/4
		Welded Disc / Grey Rubber	Ball	200	5-56HN-113G	5-56HN-113G TL	5-56HN-113G SL1	2-3/4		
		Advantage TPR / Round	Delrin	250	5-56HN-314GD	5-56HN-314GD TL	5-56HN-314GD SL1	2-3/4		
		Advantage TPR / Round	Ball	250	5-56HN-213GD	5-56HN-213GD TL	5-56HN-213GD SL1	2-3/4		
		Welded Disc / Polyurethane	Ball	300	5-56HN-113P	5-56HN-113P TL	5-56HN-113P SL1	2-3/4		
		Advantage TPR / Flat	Delrin	300	5-56HN-314GF	5-56HN-314GF TL	5-56HN-314GF SL1	2-3/4		
		Advantage TPR / Flat	Ball	300	5-56HN-213GF	5-56HN-213GF TL	5-56HN-213GF SL1	2-3/4		
		PolyLoc / Grey	Ball	300	5-56HN-213G	5-56HN-213G TL	5-56HN-213G SL1	2-3/4		
		PolyLoc / Blue	Ball	300	5-56HN-213P	5-56HN-213P TL	5-56HN-213P SL1	2-3/4		

\* Wheels have decorative side plates.

# 130 Series

## Swivel & Rigid Top Plate

Capacity to 400 pounds each



### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength and heat treated.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:**
  - Wheel sizes 3", 4" and 5" use 3/8" diameter axle with lock nut.
  - Wheel sizes 6" and 8" use 1/2" diameter axle with lock nut.
- ✓ **King Pin:** 1/2" steel rivet, hydraulically upset.
- ✓ **Fork Leg Spacing:** 2"

### CASTER OPTIONS

- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Optional Plate Sizes:** variety of plate sizes available – consult factory.

### MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid): to order, add Plate Mounting Code to end of model number. (Example: 5-130-105 PLT 1)

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
PLT 2	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
PLT 3	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16"
PLT 4	4" x 4"	3" x 3"	3/8"
PLT 5	3-3/4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
PLT 7	3-1/2" x 3-1/2"	2-5/8" x 2-5/8"	9/32"

### WHEEL OPTIONS



CUSHION / SOLID RUBBER

HARD / SOLID RUBBER

ADVANTAGE TPR / FLAT

PHENOLIC

POLYOLEFIN

POLYLOC / GREY

POLYLOC / BLUE

CAST IRON



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 130 Series	Rigid Caster Model Number 131 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
<b>3</b>	1 13/16	POLYOLEFIN	ROLLER	400	3-130-532	3-131-532	1-3/4	4	2 3/8
<b>4</b>	1 5/8	CUSHION / SOLID RUBBER	PLAIN	225	4-130-109	4-131-109	2-1/8	5 3/8	3 1/2
		CUSHION / SOLID RUBBER	ROLLER	225	4-130-209	4-131-209	2-1/8		
		HARD / SOLID RUBBER	PLAIN	400	4-130-110	4-131-110	2-1/8		
		HARD / SOLID RUBBER	ROLLER	400	4-130-210	4-131-210	2-1/8		
	1 1/2	PHENOLIC	PLAIN	400	4-130-121	4-131-121	2-1/8		
		PHENOLIC	ROLLER	400	4-130-221	4-131-221	2-1/8		
		POLYOLEFIN	PLAIN	400	4-130-521	4-131-521	2-1/8		
		POLYOLEFIN	ROLLER	400	4-130-522	4-131-522	2-1/8		
CAST IRON	ROLLER	400	4-130-230	4-131-230	3				
<b>5</b>	1 5/8	CUSHION / SOLID RUBBER	PLAIN	260	5-130-109	5-131-109	2-3/4	6 1/4	4
		CUSHION / SOLID RUBBER	ROLLER	260	5-130-209	5-131-209	2-3/4		
		HARD / SOLID RUBBER	PLAIN	400	5-130-110	5-131-110	2-1/2		
		HARD / SOLID RUBBER	ROLLER	400	5-130-210	5-131-210	2-1/2		
	1 1/2	PHENOLIC	PLAIN	400	5-130-121	5-131-121	2-1/2		
		PHENOLIC	ROLLER	400	5-130-221	5-131-221	2-1/2		
		POLYOLEFIN	PLAIN	400	5-130-521	5-131-521	2-3/4		
		POLYOLEFIN	ROLLER	400	5-130-522	5-131-522	2-3/4		
		CAST IRON	ROLLER	400	5-130-230	5-131-230	3		
		ADVANTAGE TPR / FLAT	ROLLER	400	5-130-215GF	5-131-215GF	2-1/8		
		POLYLOC / GREY	ROLLER	400	5-130-215G	5-131-215G	2-1/8		
		POLYLOC / BLUE	ROLLER	400	5-130-215P	5-131-215P	2-1/8		
<b>6</b>	1 1/2	PHENOLIC	PLAIN	400	6-130-121	6-131-121	2-3/4	7 1/2	4 3/4
		PHENOLIC	ROLLER	400	6-130-221	6-131-221	2-3/4		
		POLYOLEFIN	DELTRIN	400	6-130-523	6-131-523	2-3/4		
		POLYOLEFIN	ROLLER	400	6-130-522	6-131-522	2-3/4		
		ADVANTAGE TPR / FLAT	ROLLER	400	6-130-215GF	6-131-215GF	2-3/4		
		POLYLOC / GREY	ROLLER	400	6-130-215G	6-131-215G	2-3/4		
		POLYLOC / BLUE	ROLLER	400	6-130-215P	6-131-215P	2-3/4		
<b>8</b>	1 1/2	ADVANTAGE TPR / FLAT	ROLLER	250	8-130-215GF	8-131-215GF	3	9 1/2	6 1/2
		POLYLOC / GREY	ROLLER	250	8-130-215G	8-131-215G	3		
		POLYLOC / BLUE	ROLLER	250	8-130-215P	8-131-215P	3		
		POLYOLEFIN	DELTRIN	250	8-130-523	8-131-523	3		
		POLYOLEFIN	ROLLER	250	8-130-522	8-131-522	3		

**130 SERIES**

# 134 Series

## Spring Ring Stem

Capacity to 400 pounds each

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength and heat treated.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:**
  - Wheel sizes 3", 4" and 5" use 3/8" diameter axle with lock nut.
  - Wheel sizes 6" and 8" use 1/2" diameter axle with lock nut.
- ✓ **Fork Leg Spacing:** 2"

### CASTER OPTIONS

- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Optional Stem Sizes:** variety of stem sizes available – consult factory.



### MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 6-134-215G **STEM 1**).

Stem Code	Stem Dimensions
STEM 1	3/4" diameter x 2-3/16" long
STEM 2	13/16" diameter x 2-3/16" long
STEM 3	.845" diameter x 2-3/16" long
STEM 4	.865" diameter x 2-3/16" long
STEM 5	1" diameter x 2-3/16" long
STEM 6	.860" square x 2-3/16" long

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



ADVANTAGE TPR / FLAT



PHENOLIC



POLYOLEFIN



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Stem Model Number 134 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
<b>3</b>	1 13/16	POLYOLEFIN	ROLLER	400	3-134-532	1-3/4	3 13/16	2 3/8
<b>4</b>	1 5/8	CUSHION / SOLID RUBBER	PLAIN	225	4-134-109	2-1/8	5 3/16	3 1/2
		CUSHION / SOLID RUBBER	ROLLER	225	4-134-209	2-1/8		
		HARD / SOLID RUBBER	PLAIN	400	4-134-110	2-1/8		
		HARD / SOLID RUBBER	ROLLER	400	4-134-210	2-1/8		
	1 1/2	PHENOLIC	PLAIN	400	4-134-121	2-1/8		
		PHENOLIC	ROLLER	400	4-134-221	2-1/8		
		POLYOLEFIN	PLAIN	400	4-134-521	2-1/8		
		POLYOLEFIN	ROLLER	400	4-134-522	2-1/8		
		CAST IRON	ROLLER	400	4-134-230	3		
<b>5</b>	1 5/8	CUSHION / SOLID RUBBER	PLAIN	260	5-134-109	2-3/4	6 1/16	4
		CUSHION / SOLID RUBBER	ROLLER	260	5-134-209	2-3/4		
		HARD / SOLID RUBBER	PLAIN	400	5-134-110	2-1/2		
		HARD / SOLID RUBBER	ROLLER	400	5-134-210	2-1/2		
	1 1/2	PHENOLIC	PLAIN	400	5-134-121	2-1/2		
		PHENOLIC	ROLLER	400	5-134-221	2-1/2		
		POLYOLEFIN	PLAIN	400	5-134-521	2-3/4		
		POLYOLEFIN	ROLLER	400	5-134-522	2-3/4		
		CAST IRON	ROLLER	400	5-134-230	3		
		ADVANTAGE TPR / FLAT	ROLLER	400	5-134-215GF	2-1/8		
		POLYLOC / GREY	ROLLER	400	5-134-215G	2-1/8		
		POLYLOC / BLUE	ROLLER	400	5-134-215P	2-1/8		
<b>6</b>	1 1/2	PHENOLIC	PLAIN	400	6-134-121	2-3/4	7 5/16	4 3/4
		PHENOLIC	ROLLER	400	6-134-221	2-3/4		
		POLYOLEFIN	DELTRIN	400	6-134-523	2-3/4		
		POLYOLEFIN	ROLLER	400	6-134-522	2-3/4		
		ADVANTAGE TPR / FLAT	ROLLER	400	6-134-215GF	2-3/4		
		POLYLOC / GREY	ROLLER	400	6-134-215G	2-3/4		
		POLYLOC / BLUE	ROLLER	400	6-134-215P	2-3/4		
<b>8</b>	1 1/2	ADVANTAGE TPR / FLAT	ROLLER	250	8-134-215GF	3	9 5/16	6 1/2
		POLYLOC / GREY	ROLLER	250	8-134-215G	3		
		POLYLOC / BLUE	ROLLER	250	8-134-215P	3		
		POLYOLEFIN	DELTRIN	250	8-134-523	3		
		POLYOLEFIN	ROLLER	250	8-134-522	3		

**134 SERIES**

# 136 Series

## Threaded Stem

Capacity to 400 pounds each

### FEATURES

- ✓ **Design:** heavy gauge cold rolled steel, formed for strength and heat treated.
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:**
  - Wheel sizes 3", 4" and 5" use 3/8" diameter axle with lock nut.
  - Wheel sizes 6" and 8" use 1/2" diameter axle with lock nut.
- ✓ **Fork Leg Spacing:** 2"

### CASTER OPTIONS

- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number
- ✓ **Swivel Grease Seal:** Includes zerk grease fitting in dust cap. To order, add "GS" to end of model number.
- ✓ **Optional Stem Sizes:** variety of stem sizes available – consult factory.



### MOUNTING OPTIONS

**Standard Stem Sizes:** to order, specify stem code number and add to end of caster model number (Example: 6-136-215G STEM 1).

Stem Code	Stem Dimensions
STEM 1	1/2" diameter – 13 x 3/4" long
STEM 2	1/2" diameter – 13 x 1" long
STEM 3	1/2" diameter – 13 x 1-1/2" long
STEM 4	1/2" diameter – 20 x 3/4" long
STEM 5	1/2" diameter – 20 x 2-1/4" long
STEM 6	5/8" diameter – 11 x 1-1/4" long
STEM 7	5/8" diameter – 18 x 1-3/4" long
STEM 8	3/4" diameter – 10 x 1" long

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



ADVANTAGE TPR / FLAT



PHENOLIC



POLYOLEFIN



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number 136 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
<b>3</b>	1 13/16	POLYOLEFIN	ROLLER	400	3-136-532	1-3/4	3 13/16	2 3/8
<b>4</b>	1 5/8	CUSHION / SOLID RUBBER	PLAIN	225	4-136-109	2-1/8	5 3/16	3 1/2
		CUSHION / SOLID RUBBER	ROLLER	225	4-136-209	2-1/8		
		HARD / SOLID RUBBER	PLAIN	400	4-136-110	2-1/8		
		HARD / SOLID RUBBER	ROLLER	400	4-136-210	2-1/8		
	1 1/2	PHENOLIC	PLAIN	400	4-136-121	2-1/8		
		PHENOLIC	ROLLER	400	4-136-221	2-1/8		
		POLYOLEFIN	PLAIN	400	4-136-521	2-1/8		
		POLYOLEFIN	ROLLER	400	4-136-522	2-1/8		
		CAST IRON	ROLLER	400	4-136-230	3		
<b>5</b>	1 5/8	CUSHION / SOLID RUBBER	PLAIN	260	5-136-109	2-3/4	6 1/16	4
		CUSHION / SOLID RUBBER	ROLLER	260	5-136-209	2-3/4		
		HARD / SOLID RUBBER	PLAIN	400	5-136-110	2-1/2		
		HARD / SOLID RUBBER	ROLLER	400	5-136-210	2-1/2		
	1 1/2	PHENOLIC	PLAIN	400	5-136-121	2-1/2		
		PHENOLIC	ROLLER	400	5-136-221	2-1/2		
		POLYOLEFIN	PLAIN	400	5-136-521	2-3/4		
		POLYOLEFIN	ROLLER	400	5-136-522	2-3/4		
		CAST IRON	ROLLER	400	5-136-230	3		
		ADVANTAGE TPR / FLAT	ROLLER	400	5-136-215GF	2-1/8		
		POLYLOC / GREY	ROLLER	400	5-136-215G	2-1/8		
		POLYLOC / BLUE	ROLLER	400	5-136-215P	2-1/8		
<b>6</b>	1 1/2	PHENOLIC	PLAIN	400	6-136-121	2-3/4	7 5/16	4 3/4
		PHENOLIC	ROLLER	400	6-136-221	2-3/4		
		POLYOLEFIN	DELTRIN	400	6-136-523	2-3/4		
		POLYOLEFIN	ROLLER	400	6-136-522	2-3/4		
		ADVANTAGE TPR / FLAT	ROLLER	400	6-136-215GF	2-3/4		
		POLYLOC / GREY	ROLLER	400	6-136-215G	2-3/4		
		POLYLOC / BLUE	ROLLER	400	6-136-215P	2-3/4		
<b>8</b>	1 1/2	ADVANTAGE TPR / FLAT	ROLLER	250	8-136-215GF	3	9 5/16	6 1/2
		POLYLOC / GREY	ROLLER	250	8-136-215G	3		
		POLYLOC / BLUE	ROLLER	250	8-136-215P	3		
		POLYOLEFIN	DELTRIN	250	8-136-523	3		
		POLYOLEFIN	ROLLER	250	8-136-522	3		

**136 SERIES**

# 61 Series

## Swivel & Rigid Top Plate

Capacity to 500 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** fork legs formed from 3/16" thick steel.
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 1/2" diameter with zerk grease fitting.
- ✓ **King Pin:** 5/8" steel rivet, hydraulically upset.
- ✓ **Zerk Grease Fitting:** swivel raceway
- ✓ **Fork Leg Spacing:** 2".

### CASTER OPTIONS

- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number.
- ✓ **Swivel Lock / Pull Ring (Welded):** Factory installed only—spring loaded plunger locks swivel in 4-positions at 90° intervals. When disengaged caster swivels freely. To order add "SL4" to end of model number. See page 93 for details.
- ✓ **Swivel Grease Seal:** To order, add "GS" to end of model number.



### MOUNTING

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
4" x 4 -1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"

### WHEEL OPTIONS



CUSHION / SOLID RUBBER



HARD / SOLID RUBBER



ADVANTAGE TPR / FLAT



MOLDON RUBBER / ALUMINUM CORE



MOLDON POLYURETHANE / ALUMINUM CORE



PHENOLIC



POLYOLEFIN



POLYLOC / GREY



POLYLOC / BLUE



CAST IRON



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 61 Series	Rigid Caster Model Number 62 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 5/8	CUSHION / SOLID RUBBER	SINTERED	225	4-61-109	4-62-109	4	5 5/8	3 9/16
		CUSHION / SOLID RUBBER	ROLLER	225	4-61-209	4-62-209	4		
		HARD / SOLID RUBBER	SINTERED	350	4-61-110	4-62-110	4		
		HARD / SOLID RUBBER	ROLLER	350	4-61-210	4-62-210	4		
	1 1/2	MOLDON RUBBER / ALUMINUM CORE	BALL	225	4-61-615	4-62-615	5		
		MOLDON POLYURETHANE / ALUMINUM CORE	BALL	425	4-61-715	4-62-715	5		
		POLYOLEFIN	PLAIN	450	4-61-521	4-62-521	5		
		POLYOLEFIN	ROLLER	450	4-61-522	4-62-522	5		
		PHENOLIC	PLAIN	500	4-61-121	4-62-121	4		
		PHENOLIC	ROLLER	500	4-61-221	4-62-221	4		
CAST IRON	ROLLER	500	4-61-230	4-62-230	5				
5	1 5/8	CUSHION / SOLID RUBBER	SINTERED	260	5-61-109	5-62-109	5	6 1/2	4 5/16
		CUSHION / SOLID RUBBER	ROLLER	260	5-61-209	5-62-209	5		
		HARD / SOLID RUBBER	SINTERED	400	5-61-110	5-62-110	5		
		HARD / SOLID RUBBER	ROLLER	400	5-61-210	5-62-210	5		
	1 1/2	MOLDON RUBBER / ALUMINUM CORE	BALL	250	5-61-615	5-62-615	6		
		ADVANTAGE TPR / FLAT	ROLLER	350	5-61-215GF	5-62-215GF	6		
		POLYOLEFIN	PLAIN	450	5-61-521	5-62-521	5		
		POLYOLEFIN	ROLLER	450	5-61-522	5-62-522	5		
		MOLDON POLYURETHANE / ALUMINUM CORE	BALL	450	5-61-715	5-62-715	6		
		POLYLOC / GREY	ROLLER	500	5-61-215G	5-62-215G	5		
		POLYLOC / BLUE	ROLLER	500	5-61-215P	5-62-215P	5		
		PHENOLIC	PLAIN	500	5-61-121	5-62-121	5		
		PHENOLIC	ROLLER	500	5-61-221	5-62-221	5		
CAST IRON	ROLLER	500	5-61-230	5-62-230	6				
6	1 1/2	POLYLOC / GREY	ROLLER	300	6-61-215G	6-62-215G	6	7 1/2	5 1/16
		MOLDON RUBBER / ALUMINUM CORE	BALL	350	6-61-615	6-62-615	7		
		ADVANTAGE TPR / FLAT	ROLLER	375	6-61-215GF	6-62-215GF	6		
		POLYLOC / BLUE	ROLLER	500	6-61-215P	6-62-215P	6		
		PHENOLIC	PLAIN	500	6-61-121	6-62-121	6		
		PHENOLIC	ROLLER	500	6-61-221	6-62-221	6		
		POLYOLEFIN	DELTRIN	500	6-61-523	6-62-523	6		
		POLYOLEFIN	ROLLER	500	6-61-525	6-62-525	7		
		MOLDON POLYURETHANE / ALUMINUM CORE	BALL	500	6-61-715	6-62-715	7		
		CAST IRON	ROLLER	500	6-61-230	6-62-230	7		
8	1 1/2	ADVANTAGE TPR / FLAT	ROLLER	500	8-61-215GF	8-62-215GF	8	9 1/2	6 1/2
		POLYLOC / GREY	ROLLER	500	8-61-215G	8-62-215G	8		
		POLYLOC / BLUE	ROLLER	500	8-61-215P	8-62-215P	8		
		POLYOLEFIN	DELTRIN	500	8-61-523	8-62-523	8		
		POLYOLEFIN	ROLLER	500	8-61-525	8-62-525	8		

# 81 Series

## Swivel & Rigid Top Plate

Capacity to 1,250 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** fork legs formed from 1/4" thick steel
- ✓ **Swivel Construction:** double ball bearing with hardened raceways.
- ✓ **Axle:** 1/2" diameter.
- ✓ **King Pin:** 5/8" steel rivet, hydraulically upset.
- ✓ **Zerk Grease Fitting:** swivel raceway.
- ✓ **Fork Leg Spacing:** 2-1/2"

### CASTER OPTIONS

- ✓ **PosiLoc Brake:** to order, add "PL" to end of model number.
- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number.
- ✓ **SideLock Brake:** to order, add "SLB" to end of model number.
- ✓ **Swivel Lock / Bolt-On:** Field installable swivel lock available in 1-position, 2-position or 4-positions. See page 93 for details.
- ✓ **Swivel Lock / Pull Ring (Welded):** Factory installed only—spring loaded plunger locks swivel in 4-positions at 90° intervals. When disengaged caster swivels freely. To order add "SL4" to end of model number. See page 93 for details.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels—consult factory.
- ✓ **Swivel Grease Seal:** To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING OPTIONS

Top Plate Sizes (swivel & rigid): to order, add Plate Mounting Code to end of model number. (Example: 5-81-220GF PLT 1)

Mounting Code	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
PLT 1	4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
PLT 2	5 x 5-1/2"	4-1/8" x 4-1/2" to 4" x 4"	3/8"

### WHEEL OPTIONS



MOLDON RUBBER / ALUM. CORE



MOLDON RUBBER / CAST IRON CORE



ADVANTAGE TPR / FLAT



ADVANTAGE TPR / ROUND



HIGH MODULUS RUBBER DONUT



POLYLOC / GREY



POLYLOC / BLUE



MOLDON POLYURETHANE / ALUM. CORE



MOLDON POLYURETHANE / CAST IRON CORE



PHENOLIC



POLYOLEFIN



SOLID ELASTOMER



V-GROOVE



CAST IRON



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 81 Series	Rigid Caster Model Number 82 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	2	MOLDON RUBBER / ALUM. CORE	ROLLER	300	4-81-620	4-82-620	7-1/2	5 5/8	3 9/16
		ADVANTAGE TPR / FLAT	ROLLER	350	4-81-220GF	4-82-220GF	6-1/2		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	400	4-81-620CI	4-82-620CI	7-1/2		
		POLYOLEFIN	PLAIN	500	4-81-531	4-82-531	7-1/2		
		POLYOLEFIN	ROLLER	500	4-81-532	4-82-532	7-1/2		
		POLYLOC / GREY	ROLLER	600	4-81-220G	4-82-220G	6-1/2		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	600	4-81-720	4-82-720	7-1/2		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	700	4-81-720CI	4-82-720CI	7-1/2		
		CAST IRON	ROLLER	750	4-81-250	4-82-250	7-1/2		
		PHENOLIC	PLAIN	800	4-81-122	4-82-122	6-1/2		
		PHENOLIC	ROLLER	800	4-81-222	4-82-222	6-1/2		
		SOLID ELASTOMER	ROLLER	1,250	4-81-760	4-82-760	7-1/2		
SOLID ELASTOMER	PRECISION BALL	1,250	4-81-770	4-82-770	7-1/2				
5	2	MOLDON RUBBER / ALUMINUM CORE	ROLLER	350	5-81-620	5-82-620	8	6 1/2	4 5/16
		ADVANTAGE TPR / FLAT	ROLLER	375	5-81-220GF	5-82-220GF	7		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	400	5-81-620CI	5-82-620CI	8		
		POLYOLEFIN	PLAIN	650	5-81-531	5-82-531	7		
		POLYOLEFIN	ROLLER	650	5-81-532	5-82-532	7		
		POLYLOC / GREY	ROLLER	700	5-81-220G	5-82-220G	7		
		POLYLOC / BLUE	ROLLER	700	5-81-220P	5-82-220P	7		
		CAST IRON	ROLLER	800	5-81-250	5-82-250	8		
		V-GROOVE	ROLLER	800	5-81-250V	5-82-250V	9		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	900	5-81-720	5-82-720	8		
		PHENOLIC	PLAIN	1,000	5-81-122	5-82-122	8		
		PHENOLIC	ROLLER	1,000	5-81-222	5-82-222	8		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,050	5-81-720CI	5-82-720CI	8		
		SOLID ELASTOMER	ROLLER	1,250	5-81-760	5-82-760	8		
		SOLID ELASTOMER	PRECISION BALL	1,250	5-81-770	5-82-770	8		
6	2	HI MODULUS RUBBER	BALL	350	6-81-600	6-82-600	9	7 1/2	5 1/16
		MOLDON RUBBER / ALUMINUM CORE	ROLLER	410	6-81-620	6-82-620	9		
		ADVANTAGE TPR / ROUND	BALL	450	6-81-220GDB	6-82-220GDB	8		
		ADVANTAGE TPR / ROUND	ROLLER	450	6-81-220GD	6-82-220GD	8		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	450	6-81-620CI	6-82-620CI	9		
		ADVANTAGE TPR / FLAT	ROLLER	600	6-81-220GF	6-82-220GF	8		
		POLYOLEFIN	PLAIN	700	6-81-531	6-82-531	8		
		POLYOLEFIN	ROLLER	700	6-81-532	6-82-532	8		
		POLYLOC / GREY	ROLLER	800	6-81-220G	6-82-220G	8		
		POLYLOC / BLUE	ROLLER	800	6-81-220P	6-82-220P	8		
		V-GROOVE	ROLLER	900	6-81-250V	6-82-250V	11		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	1,000	6-81-720	6-82-720	9		
		PHENOLIC	PLAIN	1,200	6-81-122	6-82-122	9		
		PHENOLIC	ROLLER	1,200	6-81-222	6-82-222	9		
		CAST IRON	ROLLER	1,200	6-81-250	6-82-250	9		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,200	6-81-720CI	6-82-720CI	9		
		SOLID ELASTOMER	ROLLER	1,250	6-81-760	6-82-760	9		
	SOLID ELASTOMER	PRECISION BALL	1,250	6-81-770	6-82-770	9			
2 1/8	HIGH MODULUS RUBBER DONUT	BALL	350	6-81-600	6-82-600	6			
8	2	HI MODULUS RUBBER	BALL	450	8-81-600	8-82-600	10	9 1/2	6 1/2
		ADVANTAGE TPR / ROUND	BALL	500	8-81-220GDB	8-82-220GDB	9		
		ADVANTAGE TPR / ROUND	ROLLER	500	8-81-220GD	8-82-220GD	9		
		MOLDON RUBBER / ALUMINUM CORE	ROLLER	500	8-81-620	8-82-620	10		
		MOLDON RUBBER / CAST IRON CORE	ROLLER	500	8-81-620CI	8-82-620CI	10		
		ADVANTAGE TPR / FLAT	ROLLER	675	8-81-220GF	8-82-220GF	9		
		POLYOLEFIN	PLAIN	900	8-81-531	8-82-531	9		
		POLYOLEFIN	ROLLER	900	8-81-532	8-82-532	9		
		POLYLOC / GREY	ROLLER	1,000	8-81-220G	8-82-220G	9		
		POLYLOC / BLUE	ROLLER	1,000	8-81-220P	8-82-220P	9		
		PHENOLIC	PLAIN	1,250	8-81-122	8-82-122	9		
		PHENOLIC	ROLLER	1,250	8-81-222	8-82-222	9		
		CAST IRON	ROLLER	1,250	8-81-250	8-82-250	10		
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	1,250	8-81-720	8-82-720	10		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,250	8-81-720CI	8-82-720CI	10		
		SOLID ELASTOMER	ROLLER	1,250	8-81-760	8-82-760	10		
		SOLID ELASTOMER	PRECISION BALL	1,250	8-81-770	8-82-770	10		
	2 1/4	HIGH MODULUS RUBBER DONUT	BALL	450	8-81-600	8-82-600	7		

81 SERIES

# 81SB Series

## Kingpinless Style Swivel & Rigid Top Plate Capacity to 1,500 pounds each





**6-81SB-220P**  
(shown in photo)

### FEATURES

- ✓ **Design:** Kingpinless style swivel raceway
- ✓ **Swivel Construction:** precision machined and induction hardened swivel raceway. Sealing cap welded to outer race assures protection from foreign material and keeps grease in raceway.
- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Axle:** 1/2" diameter.
- ✓ **Fork Legs:** 1/4" thick, 2" wide formed steel welded inside and out.
- ✓ **Zerk Grease Fitting:** swivel raceway.
- ✓ **Fork Leg Spacing:** 2-1/2"

### CASTER OPTIONS

- ✓ **Side Lock Brake:** to order, add "SLB" to end of model number.  
 Right side brake optionally available – consult factory.
- ✓ **Swivel Lock / Bolt-On:** Field installable 4-position swivel lock. To order specify swivel lock **3091-22**. See page 92 for details.  

- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels – consult factory.
- ✓ **Thread Guards:** See page 94 for thread guard availability.

### Kingpinless Design

Features forged swivel section with 3/8" diameter carbon steel balls locked into a 2-3/8" diameter swivel raceway. Top plate and fork base are hot forged steel that has been induction hardened to ensure uniform depth of hardness in swivel raceways. They are forged from one piece of steel providing a superior raceway construction for side thrust, impact and shock conditions.

### MOUNTING

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"

### WHEEL OPTIONS



81KPL SERIES

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	2	ADVANTAGE TPR / FLAT	ROLLER	350	4-81SB-220GF	4-82-220GF	6	5 5/8	3 9/16
		POLYOLEFIN	ROLLER	500	4-81SB-532	4-82-532	5		
		POLYLOC / BLUE	ROLLER	600	4-81SB-220P	4-82-720	6		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	600	4-81SB-720	4-82-220P	6		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	700	4-81SB-720CI	4-82-720CI	8		
		CAST IRON	ROLLER	750	4-81SB-250	4-82-250	8		
		PHENOLIC	ROLLER	800	4-81SB-222	4-82-222	6		
		SOLID ELASTOMER	PRECISION BALL	1,250	4-81SB-770	4-82-770	6		
5	2	ADVANTAGE TPR / FLAT	ROLLER	375	5-81SB-220GF	5-82-220GF	6	6 1/2	3 7/8
		POLYOLEFIN	ROLLER	650	5-81SB-532	5-82-532	5		
		POLYLOC / BLUE	ROLLER	700	5-81SB-220P	5-82-220P	5		
		CAST IRON	ROLLER	800	5-81SB-250	5-82-250	9		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	900	5-81SB-720	5-82-720	6		
		PHENOLIC	ROLLER	1,000	5-81SB-222	5-82-222	6		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,050	5-81SB-720CI	5-82-720CI	6		
		SOLID ELASTOMER	PRECISION BALL	1,250	5-81SB-770	5-82-770	6		
6	2	ADVANTAGE TPR / FLAT	ROLLER	600	6-81SB-220GF	6-82-220GF	6	7 1/2	4 9/16
		POLYOLEFIN	ROLLER	700	6-81SB-532	6-82-532	6		
		POLYLOC / BLUE	ROLLER	800	6-81SB-220P	6-82-220P	6		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	1,000	6-81SB-720	6-82-720	7		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,200	6-81SB-720CI	6-82-720CI	9		
		CAST IRON	ROLLER	1,200	6-81SB-250	6-82-250	9		
		PHENOLIC	ROLLER	1,200	6-81SB-222	6-82-222	7		
		SOLID ELASTOMER	PRECISION BALL	1,250	6-81SB-770	6-82-770	7		
8	2	ADVANTAGE TPR / FLAT	ROLLER	675	8-81SB-220GF	8-82-220GF	7	9 1/2	6
		POLYOLEFIN	ROLLER	900	8-81SB-532	8-82-532	7		
		POLYLOC / BLUE	ROLLER	1,000	8-81SB-220P	8-82-220P	7		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	1,200	8-81SB-720	8-82-720	9		
		SOLID ELASTOMER	PRECISION BALL	1,250	8-81SB-770	8-82-770	9		
		PHENOLIC	ROLLER	1,400	8-81SB-222	8-82-222	9		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,500	8-81SB-720CI	8-82-720CI	12		
		CAST IRON	ROLLER	1,500	8-81SB-250	8-82-250	12		

# 85 Series

## Swivel & Rigid Top Plate

Capacity to 1,500 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** top plate and yoke base cold forged from 1/4" thick steel. Fork legs feature 1/4" steel formed for strength and welded to yoke base.
- ✓ **Swivel Construction:** double ball bearing raceway with 3-1/4" diameter load race, coined and heat treated for strength.
- ✓ **Axle:** 1/2" diameter.
- ✓ **King Pin:** 3/4" steel rivet.
- ✓ **Zerk Grease Fitting:** swivel raceway
- ✓ **Fork Leg Spacing:** 2-1/2"

### CASTER OPTIONS

- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number.
- ✓ **SideLock Brake:** to order, add "SLB" to end of model number.
- ✓ **Swivel Lock / Pull Ring (Welded):** Factory installed only—spring loaded plunger locks swivel in 4-positions at 90° intervals. When disengaged caster swivels freely. To order add "SL4" to end of model number. See page 93 for details.
- ✓ **Precision Ball Wheel Bearing:** Sealed precision ball bearing available for most wheels — consult factory.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
4-1/2" x 6-1/4"	2-7/16" x 4-15/16" to 3-3/8" x 5-1/4"	1/2"

### WHEEL OPTIONS



ADVANTAGE TPR / FLAT



POLYLOC / BLUE



MOLDON POLYURETHANE / ALUM. CORE



MOLDON POLYURETHANE / CAST IRON CORE



POLYOLEFIN



PHENOLIC



SOLID ELASTOMER

85 SERIES

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 85 Series	Rigid Caster Model Number 86 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	2	ADVANTAGE TPR / FLAT	ROLLER	350	4-85-220GF	4-86-220GF	6	5 5/8	3 3/16
		POLYOLEFIN	ROLLER	500	4-85-532	4-85-532	5		
		POLYLOC / BLUE	ROLLER	600	4-85-220P	4-86-220P	6		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	600	4-85-720	4-86-720	6		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	700	4-85-720CI	4-86-720CI	8		
		CAST IRON	ROLLER	750	4-85-250	4-86-250	8		
		PHENOLIC	ROLLER	800	4-85-222	4-86-222	6		
		SOLID ELASTOMER *	ROLLER	1,250	4-85-760 *	4-86-760 *	6		
5	2	ADVANTAGE TPR / FLAT	ROLLER	375	5-85-220GF	5-86-220GF	6	6 1/2	3 7/8
		POLYOLEFIN	ROLLER	650	5-85-532	5-86-532	5		
		POLYLOC / BLUE	ROLLER	700	5-85-220P	5-86-220P	5		
		CAST IRON	ROLLER	800	5-85-250	5-86-250	9		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	900	5-85-720	5-86-720	6		
		PHENOLIC	ROLLER	1,000	5-85-222	5-86-222	6		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,050	5-85-720CI	5-86-720CI	8		
		SOLID ELASTOMER *	ROLLER	1,250	5-85-760 *	5-86-760 *	6		
6	2	ADVANTAGE TPR / FLAT	ROLLER	600	6-85-220GF	6-86-220GF	6	7 1/2	4 9/16
		POLYOLEFIN	ROLLER	700	6-85-532	6-85-532	6		
		POLYLOC / BLUE	ROLLER	800	6-85-220P	6-86-220P	6		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	1,000	6-85-720	6-86-720	7		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,200	6-85-720CI	6-86-720CI	9		
		CAST IRON	ROLLER	1,200	6-85-250	6-86-250	9		
		PHENOLIC	ROLLER	1,200	6-85-222	6-86-222	7		
		SOLID ELASTOMER*	ROLLER	1,250	6-85-760	6-86-760	7		
8	2	ADVANTAGE TPR / FLAT	ROLLER	675	8-85-220GF	8-86-220GF	7	10 1/8	6
		POLYOLEFIN	ROLLER	900	8-85-532	8-86-532	7		
		POLYLOC / BLUE	ROLLER	1,000	8-85-220P	8-86-220P	7		
		MOLDON POLYURETHANE / ALUM. CORE	ROLLER	1,200	8-85-720	8-86-720	9		
		SOLID ELASTOMER *	ROLLER	1,250	8-85-760 *	8-86-760 *	9		
		PHENOLIC	ROLLER	1,400	8-85-222	8-86-222	9		
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,200	8-85-720CI	8-86-720CI	11		
		CAST IRON	ROLLER	1,500	8-85-250	8-86-250	12		

\*Precision ball bearing model also available. Change wheel code to 770 (Example: 4-85-770)

# 91 Series

## Swivel & Rigid Top Plate

Capacity to 1,600 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** top plate and yoke base cold forged from 1/4" thick steel. Fork legs feature 1/4" steel formed for strength and welded inside and outside to yoke base.
- ✓ **Swivel Construction:** double ball bearing raceway with 3-1/4" diameter load race, coined and heat treated for strength.
- ✓ **Axle:** 1/2" diameter with lock nut.
- ✓ **King Pin:** 3/4" diameter heat treated bolt and locknut.
- ✓ **Zerk Grease Fitting:** swivel raceway & axle
- ✓ **Fork Leg Spacing:** 3"

### CASTER OPTIONS

- ✓ **SideLock Brake:** to order, add "SLB" to end of model number.
- ✓ **Swivel Lock / Pull Ring (Welded):** Factory installed only—spring loaded plunger locks swivel in 4-positions at 90° intervals. When disengaged caster swivels freely. To order add "SL4" to end of model number. See page 93 for details.



### MOUNTING

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
4-1/2" x 6-1/4"	2-7/16" x 4-15/16" to 3-3/8" x 5-1/4"	1/2"

### WHEEL OPTIONS



MOLDON RUBBER / ALUMINUM CORE



MOLDON POLYURETHANE / ALUMINUM CORE



MOLDON POLYURETHANE / CAST IRON CORE



V-GROOVE



PHENOLIC

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number 91 Series	Rigid Caster Model Number 92 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
6	2-1/2	PHENOLIC	ROLLER	1,600	6-91-225	6-92-225	19	7 1/2	5 1/2
		MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,600	6-91-725CI	6-92-725CI	21		
		CAST IRON	ROLLER	1,600	6-91-255	6-92-255	21		
		V-GROOVE	ROLLER	1,600	6-91-255V	6-92-255V	21		
8	2-1/2	PHENOLIC	ROLLER	1,600	8-91-225	8-92-225	21	10 1/8	6 1/2
		MOLDON POLYURETHANE / ALUMINUM CORE	ROLLER	1,600	8-91-725	8-92-725	21		
		CAST IRON	ROLLER	1,600	8-91-255	8-92-255	21		
		V-GROOVE	ROLLER	1,600	8-91-255V	8-92-255V	21		
10	2-1/2	MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,600	10-91-725CI	10-92-725CI	28	11 1/2	7 3/4
		PHENOLIC	ROLLER	1,600	10-91-225	10-92-225	26		
		CAST IRON	ROLLER	1,600	10-91-255	10-92-255	26		
12	2-1/2	MOLDON POLYURETHANE / CAST IRON CORE	ROLLER	1,600	12-91-725CI	12-92-725CI	33	13 1/2	9
		PHENOLIC	ROLLER	1,600	12-91-225	12-92-225	30		

# Pneumatic

## Pneumatic Swivel & Rigid Top Plate

Capacity to 470 pounds each

### FEATURES

- ✓ **Finish:** bright zinc plating to resist rust and corrosion.
- ✓ **Design:** extra wide forks accommodate large pneumatic wheels.
- ✓ **Swivel Construction:** double ball bearing.
- ✓ **Axle:** 1/2" diameter.
- ✓ **King Pin:** 5/8" steel rivet, hydraulically upset.
- ✓ **Zerk Grease Fitting:** swivel raceway.
- ✓ **Fork Leg Spacing:**
  - 8" wheel 3".
  - 10" wheel 4".

**NEW**

### CASTER OPTIONS

- ✓ **VertiLoc Brake:** to order, add "VL" to end of model number.



### MOUNTING

Series	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
W81 and W82	4" x 4-1/2"	2-5/8" x 3-5/8" or 3" x 3"	3/8"
W87 and W88	4-1/2" x 6-1/4"	2-7/16" x 4-15/16" to 3-3/8" x 5-1/4"	1/2"
W101 and W102	4-1/2" x 6-1/4"	2-7/16" x 4-15/16" to 3-3/8" x 5-1/4"	1/2"

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number	Rigid Caster Model Number	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
8	2.80/4	PNEUMATIC RUBBER	BALL	310	8-W81-940	8-W82-940	8	9 1/2	6 1/8
10	4.10/4	PNEUMATIC RUBBER	BALL	470	10-W87-940	10-W88-940	9	13	7 5/8
	4.10/4	PNEUMATIC RUBBER	BALL	470	10-W101-940	10-W102-940	14	13	8

## Special Caster Designs

Jarvis specializes in specials. We have a long established reputation for designing and building unique designs that meet our customer's special needs. Below are a few examples of our engineering & manufacturing capabilities.



*Unique tabbed top plate is designed for installation on equipment. Tabs are bent down during installation to secure to equipment.*



*Adjustable height leg caster allows for flexible working heights on foodservice equipment.*



*Extra long threaded stem caster is designed to meet customer's requirements.*



*Special 30 Series caster with brake and combination top plate and adjustable stem.*



*"Waffle" design rigid fork allows for multiple wheel positions.*



*Low profile shock absorbing caster provides extra cushion ride for important cargo.*

# S30 Series

## Stainless Steel Top Plate

Capacity to 325 pounds each

Polished grade 304 stainless steel designed to prevent rust and corrosion in the most demanding wet, damp and corrosive environments. Stainless steel is impervious to repeated washings, thereby reducing maintenance and providing longer caster life. All component metal parts including ball bearings, axle, nut, spanner bushing and dust cap are stainless steel.

### FEATURES

- ✓ **Finish:** Stainless steel
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** stainless steel grade 440 ball bearings with hardened double raceway construction. Bearings are magnetic.
- ✓ **Axle:** 3/8" diameter stainless steel axle with lock nut.
- ✓ **King Pin:** 1/2" stainless steel rivet, hydraulically upset.
- ✓ **Grease Temperature Range:** -45°F to +260°F

### CASTER OPTIONS

- ✓ **PosiLoc Brake:** stainless steel construction; to order, add "PL" to end of model number.
- ✓ **VertiLoc Brake:** stainless steel construction; to order, add "VL" to end of model number.
- ✓ **Swivel Lock:** Locks caster in trailing position at 180° while wheel spins freely. To order specify "1PSL".
- ✓ **Swivel Grease Seal:** Includes zerk in the dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.
- ✓ **Optional Top Plate Sizes:** variety of top plate sizes available – consult factory.



### MOUNTING

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"

### WHEEL OPTIONS



ADVANTAGE TPR / ROUND    ADVANTAGE TPR / FLAT    POLYOLEFIN    POLYLOC / GREY    WELDED DISC / POLYURETHANE    PHENOLIC

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number S30 Series	Rigid Caster Model Number S31 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	ADVANTAGE TPR / ROUND	DELRLIN	250	4-S30-314GD	4-S31-314GD	2-1/4	5 1/16	3 1/2
		ADVANTAGE TPR / FLAT	DELRLIN	300	4-S30-314GF	4-S31-314GF	2-1/4		
		POLYOLEFIN	SS SLEEVE	300	4-S30-513	4-S31-513	2-1/4		
		POLYLOC / GREY	DELRLIN	300	4-S30-314G	4-S31-314G	2-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	4-S30-121	4-S31-121	2-1/4		
5	1 1/4	ADVANTAGE TPR / ROUND	DELRLIN	250	5-S30-314GD	5-S31-314GD	2-3/4	6 1/8	4
		POLYOLEFIN	SS SLEEVE	300	5-S30-513	5-S31-513	2-3/4		
		WELDED DISC / POLYURETHANE	SS SLEEVE	300	5-S30-113P	5-S31-113P	2-3/4		
		POLYLOC / GREY	DELRLIN	300	5-S30-314G	5-S31-314G	2-3/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	5-S30-121	5-S31-121	2-3/4		
6	1 1/4	ADVANTAGE TPR / ROUND	DELRLIN	300	6-S30-314GD	6-S31-314GD	3-1/4	7 3/16	4 1/2
		POLYOLEFIN	SS SLEEVE	300	6-S30-521	6-S31-521	3-1/4		
		POLYLOC / GREY	SS BALL	300	6-S30-213G	6-S31-213G	3-1/4		
		POLYLOC / GREY	DELRLIN	300	6-S30-314G	6-S31-314G	3-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	6-S30-121	6-S31-121	3-1/4		



# S32 Series

## Stainless Steel Round Stem Capacity to 325 pounds each

Polished grade 304 stainless steel designed to prevent rust and corrosion in the most demanding wet, damp and corrosive environments. Stainless steel is impervious to repeated washings, thereby reducing maintenance and providing longer caster life. All component metal parts including top plate or stems ball bearings, axle, nut, spanner bushing and dust cap are stainless steel.



### FEATURES

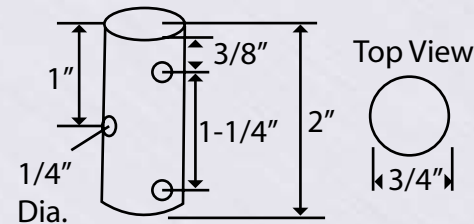
- ✓ **Finish:** Stainless steel
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** stainless steel grade 440 ball bearings with hardened double raceway construction. Bearings are magnetic.
- ✓ **Axle:** 3/8" diameter stainless steel axle with lock nut.
- ✓ **King Pin:** 1/2" stainless steel rivet, hydraulically upset.
- ✓ **Grease Temperature Range:** -45°F to +260°F

### CASTER OPTIONS

- ✓ **PosiLoc Brake:** stainless steel construction; to order, add "PL" to end of model number.
- ✓ **VertiLoc Brake:** stainless steel construction; to order, add "VL" to end of model number.
- ✓ **Swivel Grease Seal:** Includes zerk in the dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.

### MOUNTING

**Standard Round Stem Size**  
Stem Size: 3/4" diameter x 2" long with three drilled holes 1/4" diameter.



**S32 STAINLESS SERIES**

### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Round Stem Model Number S32 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	ADVANTAGE TPR / ROUND	DEL RIN	250	4-S32-314GD	2-1/4	4 15/16	3 1/2
		ADVANTAGE TPR / FLAT	DEL RIN	300	4-S32-314GF	2-1/4		
		POLYOLEFIN	SS SLEEVE	300	4-S32-513	2-1/4		
		POLYLOC / GREY	DEL RIN	300	4-S32-314G	2-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	4-S32-121	2-1/4		
5	1 1/4	ADVANTAGE TPR / ROUND	DEL RIN	250	5-S32-314GD	2-3/4	6	4
		POLYOLEFIN	SS SLEEVE	300	5-S32-513	2-3/4		
		WELDED DISC / POLYURETHANE	SS SLEEVE	300	5-S32-113P	2-3/4		
		POLYLOC / GREY	DEL RIN	300	5-S32-314G	2-3/4		
	ADVANTAGE TPR / FLAT	DEL RIN	325	5-S32-314GF	2-3/4			
1 1/2	PHENOLIC	SS SLEEVE	300	5-S32-121	2-3/4			
6	1 1/4	ADVANTAGE TPR / ROUND	DEL RIN	300	6-S32-314GD	3-1/4	7 1/16	4 1/2
		POLYOLEFIN	SS SLEEVE	300	6-S32-521	3-1/4		
		POLYLOC / GREY	SS BALL	300	6-S32-213G	3-1/4		
		POLYLOC / GREY	DEL RIN	300	6-S32-314G	3-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	6-S32-121	3-1/4		

# S34 Series

## Stainless Steel Spring Ring Stem Capacity to 325 pounds each

Polished grade 304 stainless steel designed to prevent rust and corrosion in the most demanding wet, damp and corrosive environments. Stainless steel is impervious to repeated washings, thereby reducing maintenance and providing longer caster life. All component metal parts including ball bearings, axle, nut, spanner bushing and dust cap are stainless steel.

### FEATURES

- ✓ **Finish:** Stainless steel
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** stainless steel grade 440 ball bearings with hardened double raceway construction. Bearings are magnetic.
- ✓ **Axle:** 3/8" diameter stainless steel axle with lock nut.
- ✓ **King Pin:** 1/2" stainless steel rivet, hydraulically upset.
- ✓ **Grease Temperature Range:** -45°F to +260°F

### CASTER OPTIONS

- ✓ **PosiLoc Brake:** stainless steel construction; to order, add "PL" to end of model number.
- ✓ **VertiLoc Brake:** stainless steel construction; to order, add "VL" to end of model number.
- ✓ **Swivel Grease Seal:** Includes zerk in the dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.
- ✓ **Optional Stem Sizes:** variety of stem sizes available – consult factory



### MOUNTING

**Standard Spring Ring Stem Size:**  
.845" diameter x 2-3/16" long

### WHEEL OPTIONS



ADVANTAGE TPR / ROUND



ADVANTAGE TPR / FLAT



POLYOLEFIN



POLYLOC / GREY



WELDED DISC / POLYURETHANE



PHENOLIC

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Spring Ring Stem Model Number S34 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	ADVANTAGE TPR / ROUND	DELIRIN	250	4-S34-314GD	2-1/4	4 15/16	3 1/2
		ADVANTAGE TPR / FLAT	DELIRIN	300	4-S34-314GF	2-1/4		
		POLYOLEFIN	SS SLEEVE	300	4-S34-513	2-1/4		
		POLYLOC / GREY	DELIRIN	300	4-S34-314G	2-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	4-S34-121	2-1/4		
5	1 1/4	ADVANTAGE TPR / ROUND	DELIRIN	250	5-S34-314GD	2-3/4	6	4
		POLYOLEFIN	SS SLEEVE	300	5-S34-513	2-3/4		
		WELDED DISC / POLYURETHANE	SS SLEEVE	300	5-S34-113P	2-3/4		
		POLYLOC / GREY	DELIRIN	300	5-S34-314G	2-3/4		
	1 1/2	ADVANTAGE TPR / FLAT	DELIRIN	325	5-S34-314GF	2-3/4		
1 1/2	PHENOLIC	SS SLEEVE	300	5-S34-121	2-3/4			
6	1 1/4	ADVANTAGE TPR / ROUND	DELIRIN	300	6-S34-314GD	3-1/4	7 1/16	4 1/2
		POLYOLEFIN	SS SLEEVE	300	6-S34-521	3-1/4		
		POLYLOC / GREY	SS BALL	300	6-S34-213G	3-1/4		
		POLYLOC / GREY	DELIRIN	300	6-S34-314G	3-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	6-S34-121	3-1/4		



# S36 Series

## Stainless Steel Threaded Stem

### Capacity to 325 pounds each

Polished grade 304 stainless steel designed to prevent rust and corrosion in the most demanding wet, damp and corrosive environments. Stainless steel is impervious to repeated washings, thereby reducing maintenance and providing longer caster life. All component metal parts including ball bearings, axle, nut, spanner bushing and dust cap are stainless steel.

#### FEATURES

- ✓ **Finish:** Stainless steel
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** stainless steel grade 440 ball bearings with hardened double raceway construction. Bearings are magnetic.
- ✓ **Axle:** 3/8" diameter stainless steel axle with lock nut.
- ✓ **King Pin:** 1/2" stainless steel rivet, hydraulically upset.
- ✓ **Grease Temperature Range:** -45°F to +260°F

#### CASTER OPTIONS

- ✓ **PosiLoc Brake:** stainless steel construction; to order, add "PL" to end of model number.
- ✓ **VertiLoc Brake:** stainless steel construction; to order, add "VL" to end of model number.
- ✓ **Swivel Grease Seal:** Includes zerk in the dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.
- ✓ **Optional Stem Sizes:** variety of stem sizes available – consult factory



#### MOUNTING

**Standard Threaded Stem Size:**  
1/2" diameter – 13 x 1-1/2" long

**S36 STAINLESS SERIES**

#### WHEEL OPTIONS



Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number S36 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	ADVANTAGE TPR / ROUND	DELTRIN	250	4-S36-314GD	2-1/4	4 15/16	3 1/2
		ADVANTAGE TPR / FLAT	DELTRIN	300	4-S36-314GF	2-1/4		
		POLYOLEFIN	SS SLEEVE	300	4-S36-513	2-1/4		
		POLYLOC / GREY	DELTRIN	300	4-S36-314G	2-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	4-S36-121	2-1/4		
5	1 1/4	ADVANTAGE TPR / ROUND	DELTRIN	250	5-S36-314GD	2-3/4	6	4
		POLYOLEFIN	SS SLEEVE	300	5-S36-513	2-3/4		
		WELDED DISC / POLYURETHANE	SS SLEEVE	300	5-S36-113P	2-3/4		
		POLYLOC / GREY	DELTRIN	300	5-S36-314G	2-3/4		
	ADVANTAGE TPR / FLAT	DELTRIN	325	5-S36-314GF	2-3/4			
1 1/2	PHENOLIC	SS SLEEVE	300	5-S36-121	2-3/4			
6	1 1/4	ADVANTAGE TPR / ROUND	DELTRIN	300	6-S36-314GD	3-1/4	7 1/16	4 1/2
		POLYOLEFIN	SS SLEEVE	300	6-S36-521	3-1/4		
		POLYLOC / GREY	SS BALL	300	6-S36-213G	3-1/4		
		POLYLOC / GREY	DELTRIN	300	6-S36-314G	3-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	6-S36-121	3-1/4		

# S40 Series

## Stainless Steel Expanding Adapter

Capacity to 325 pounds each

Polished grade 304 stainless steel designed to prevent rust and corrosion in the most demanding wet, damp and corrosive environments. Stainless steel is impervious to repeated washings, thereby reducing maintenance and providing longer caster life. All component metal parts including ball bearings, axle, nut, spanner bushing and dust cap are stainless steel.

### FEATURES

- ✓ **Finish:** Stainless steel
- ✓ **Dust Cap:** all swivel models feature dust cap which protects swivel raceway bearings and improves performance.
- ✓ **Swivel Construction:** stainless steel grade 440 ball bearings with hardened double raceway construction. Bearings are magnetic.
- ✓ **Axle:** 3/8" diameter stainless steel axle with lock nut.
- ✓ **King Pin:** 1/2" stainless steel, hydraulically upset.
- ✓ **Grease Temperature Range:** -45°F to +260°F

### CASTER OPTIONS

- ✓ **PosiLoc Brake:** stainless steel construction; to order, add "PL" to end of model number.
- ✓ **VertiLoc Brake:** stainless steel construction; to order, add "VL" to end of model number.
- ✓ **Swivel Grease Seal:** Includes zerk in the dust cap. To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.
- ✓ **Optional Stem Sizes:** variety of stem sizes available – consult factory



### MOUNTING

Rubber bushing expands inside of tubing as 3/4" nut beneath lower raceway is turned with wrench. Plastic bushing on bottom of stem provides stability for stem inside of tubing for tight, permanent fit. Threaded stem size (less adapter): 1/2" diameter x 2- 3/4" long. See chart at right for adapter sizes and matching tube sizes.

Adapter Number	Tubing I.D. (inches)
9	3/4"
11*	7/8"
13	1"
15	1-1/8"
17 B	1-3/16"
19 C	1-3/8"
19 A*	1-1/2"
21	1-7/8"

\* Features stainless steel stem, washer and knurled nut. All other adapters feature zinc plated washer and knurled nut.

### WHEEL OPTIONS



ADVANTAGE TPR / ROUND    ADVANTAGE TPR / FLAT    POLYOLEFIN    POLYLOC / GREY    WELDED DISC / POLYURETHANE    PHENOLIC

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Threaded Stem Model Number S40 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
4	1 1/4	ADVANTAGE TPR / ROUND	DELRLIN	250	4-S40-314GD	2-1/4	4 15/16	3 1/2
		ADVANTAGE TPR / FLAT	DELRLIN	300	4-S40-314GF	2-1/4		
		POLYOLEFIN	SS SLEEVE	300	4-S40-513	2-1/4		
		POLYLOC / GREY	DELRLIN	300	4-S40-314G	2-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	4-S40-121	2-1/4		
5	1 1/4	ADVANTAGE TPR / ROUND	DELRLIN	250	5-S40-314GD	2-3/4	6	4
		POLYOLEFIN	SS SLEEVE	300	5-S40-513	2-3/4		
		WELDED DISC / POLYURETHANE	SS SLEEVE	300	5-S40-113P	2-3/4		
		POLYLOC / GREY	DELRLIN	300	5-S40-314G	2-3/4		
	ADVANTAGE TPR / FLAT	DELRLIN	325	5-S40-314GF	2-3/4			
1 1/2	PHENOLIC	SS SLEEVE	300	5-S40-121	2-3/4			
6	1 1/4	ADVANTAGE TPR / ROUND	DELRLIN	300	6-S40-314GD	3-1/4	7 1/16	4 1/2
		POLYOLEFIN	SS SLEEVE	300	6-S40-521	3-1/4		
		POLYLOC / GREY	SS BALL	300	6-S40-213G	3-1/4		
		POLYLOC / GREY	DELRLIN	300	6-S40-314G	3-1/4		
	1 1/2	PHENOLIC	SS SLEEVE	300	6-S40-121	3-1/4		



# S81 Series

## Stainless Steel Top Plate

Capacity to 1,250 pounds each

Polished grade 304 stainless steel designed to prevent rust and corrosion in the most demanding wet, damp and corrosive environments. Stainless steel is impervious to repeated washings, thereby reducing maintenance and providing longer caster life. All component metal parts including ball bearings, axle, nut, and spanner bushing are stainless steel.

### FEATURES

- ✓ **Finish:** Stainless steel
- ✓ **Design:** 1/4" thick stainless steel top plate and fork legs, case hardened for strength.
- ✓ **Swivel Construction:** stainless steel grade 440 ball bearings with hardened double raceway construction. Bearings are magnetic.
- ✓ **Axle:** 1/2" diameter stainless steel bolt with lock nut with zerk in raceway.
- ✓ **King Pin:** 5/8" stainless steel rivet, hydraulically upset.
- ✓ **Fork Leg Spacing:** 2-1/2"
- ✓ **Grease Temperature Range:** -45°F to +260°F

### CASTER OPTIONS

- ✓ **VertiLoc Brake:** stainless steel construction; to order, add "VL" to end of model number.
- ✓ **Swivel Lock / Bolt-On:** Field installable swivel lock available in 1-position, 2-position or 4-positions. See page 93 for details.
- ✓ **Stainless Steel Roller Bearing:** to order, add "SRB" to end of model number (Example: 6-S81-320GF SRB).
- ✓ **Swivel Grease Seal:** To order, add "GS" to end of model number.
- ✓ **Thread Guards:** See page 95 for thread guard availability.



### MOUNTING

Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
4" x 4 -1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"

### WHEEL OPTIONS



ADVANTAGE TPR / FLAT



POLYLOC / BLUE



MOLDON POLYURETHANE / ALUMINUM CORE



POLYOLEFIN



PHENOLIC



SOLID ELASTOMER

Wheel Diameter (Inches)	Tread Width (Inches)	Wheel Type	Bearing	Capacity (Pounds)	Swivel Caster Model Number S81 Series	Rigid Caster Model Number S82 Series	Approximate Weight (Pounds)	Load Height (Inches)	Swivel Radius (Inches)
5	2	ADVANTAGE TPR / FLAT	DELRIN	375	5-S81-320GF	5-S82-320GF	5-1/2	6 1/2	4 5/16
		POLYOLEFIN	DELRIN	650	5-S81-531	5-S82-531	5-1/2		
		POLYLOC / BLUE	DELRIN	700	5-S81-320P	5-S82-320P	5-1/2		
		MOLDON POLYURETHANE / ALUM. CORE	DELRIN	900	5-S81-721	5-S82-721	5-1/2		
		SOLID ELASTOMER	DELRIN	1,000	5-S81-761	5-S82-761	5-1/2		
		PHENOLIC	PLAIN	1,000	5-S81-122	5-S82-122	5-1/2		
6	2	ADVANTAGE TPR / ROUND	DELRIN	450	6-S81-320GD	6-S82-320GD	6-1/2	7-1/2	5-1/16
		ADVANTAGE TPR / FLAT	DELRIN	600	6-S81-320GF	6-S82-320GF	6-1/2		
		POLYOLEFIN	PLAIN	700	6-S81-531	6-S82-531	6-1/2		
		POLYLOC / BLUE	DELRIN	800	6-S81-320P	6-S82-320P	6-1/2		
		MOLDON POLYURETHANE / ALUM. CORE	DELRIN	900	6-S81-721	6-S82-721	6-1/2		
		SOLID ELASTOMER	DELRIN	1,100	6-S81-761	6-S82-761	6-1/2		
PHENOLIC	PLAIN	1,200	6-S81-122	6-S82-122	6-1/2				
8	2	ADVANTAGE TPR / ROUND	DELRIN	450	8-S81-320GD	8-S82-320GD	8	9-1/2	6-1/2
		ADVANTAGE TPR / FLAT	DELRIN	675	8-S81-320GF	8-S82-320GF	8		
		POLYOLEFIN	PLAIN	900	8-S81-531	8-S82-531	8		
		POLYLOC / BLUE	DELRIN	1,000	8-S81-320P	8-S82-320P	8		
		SOLID ELASTOMER	DELRIN	1,200	8-S81-761	8-S82-761	8		
		MOLDON POLYURETHANE / ALUM. CORE	DELRIN	1,200	8-S81-721	8-S82-721	8		
PHENOLIC	PLAIN	1,250	8-S81-122	8-S82-122	8				

S81 STAINLESS SERIES

# Cushion / Solid Rubber Wheels

Capacity up to 260 lbs. each



## FEATURES

Cushion rubber is non-marking and permanently bonded to a hard rubber wheel core. This economical wheel is recommended for light to medium duty loads where noise reduction, floor protection and durability are required.

- ✓ **Standard Color / Finish:** Black
- ✓ **Optional Color / Finish:** Grey-consult factory
- ✓ **Neoprene:** Consult factory
- ✓ **Tread Hardness:** 75 (± 5) Shore A Scale
- ✓ **Temperature Range:** -30° F to + 160° F

## Grey Wheels

All black rubber wheels shown in chart above are optionally available in grey. Please consult factory for minimum order quantities and delivery information.



## FEATURES

Conductive wheels are designed to dissipate static build-up in rolling carts in the computer, electronics and medical industries. Jarvis conductive wheels feature a cushion ride combined with tested durability in a wide variety of operating conditions.

- ✓ **Standard Color / Finish:** Black
- ✓ **Tread Hardness:** 75 (± 5) Shore A Scale
- ✓ **Temperature Range:** -30° F to + 160° F

## Black Wheels

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
1 5/8	13/16	DELRIN	75	1-101	1/4	15/16	1/16
2	13/16	DELRIN	75	2-101	1/4	15/16	1/16
2 1/2	13/16	DELRIN	80	2-1/2 -101	1/4	15/16	1/8
	1 1/8	DELRIN	100	2-1/2 -103	5/16	1-3/8	1/4
	1 1/4	DELRIN	140	2-1/2 -105	1/2	1-1/2	3/8
3	13/16	DELRIN	75	3 -101	1/4	15/16	1/4
	15/16	DELRIN	125	3 -103	5/16	1-1/4	5/16
	15/16	BALL	125	3 -132	5/16	1-1/4	5/16
	1 1/4	DELRIN	150	3 -105	1/2	1-1/2	9/16
	1 1/4	BALL	150	3 -152	1/2	1-1/2	9/16
3 1/2	1 1/4	DELRIN	160	3-1/2 -105	1/2	1-1/2	3/4
4	15/16	DELRIN	125	4-103	5/16	1-1/4	9/16
	1 1/4	DELRIN	170	4-105	1/2	1-1/2	7/8
	1 5/8	SINTERED	225	4-109	5/8	1-15/16	1-1/4
	1 5/8	ROLLER	225	4-209	5/8	1-15/16	1-1/4
5	15/16	DELRIN	125	5-103	5/16	1-1/4	1
	1 1/4	DELRIN	200	5-105	1/2	1-1/2	1-1/4
	1 1/4	BALL	200	5-152	1/2	1-1/2	1-1/4
	1 5/8	SINTERED	260	5-109	5/8	1-15/16	1-3/4
	1 5/8	ROLLER	260	5-209	5/8	1-15/16	1-3/4
	1 5/8	DELRIN	260	5-309	5/8	2-1/16	1-3/4
6	1 9/32	DELRIN	220	6-105	1/2	1-1/2	1-3/4
	1 1/4	BALL	220	6-152	1/2	1-1/2	1-3/4

## Conductive Wheels

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
2	13/16	SINTERED	75	2-101C	1/4	15/16	1/16
2 1/2	13/16	SINTERED	80	2-1/2 -101C	1/4	15/16	1/8
3	13/16	SINTERED	75	3 -101C	1/4	15/16	1/4
5	1 1/4	SINTERED	200	5-105C	1/2	1-1/2	1-1/4
6	1 9/32	SINTERED	220	6-105C	1/2	1-1/2	1-3/4



# Cushion / Solid Rubber Wheels

With Decorative Side Plates

Capacity up to 220 lbs. each



## FEATURES

These cushion rubber wheels feature metal decorative side plates that make most any cart or mobile equipment more attractive.

- ✓ **Standard Color / Finish:** Black or Grey
- ✓ **Tread Hardness:** 75 (± 5) Shore A Scale
- ✓ **Temperature Range:** -30° F to + 160° F

## Black / Flat Tread

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3 1/2	1 1/4	BALL	160	3-1/2 -452	1/2	1-1/2	3/4
4	1 1/8	BALL	165	4-452	1/2	1-1/2	7/8
5	1 1/8	BALL	200	5-452	1/2	1-1/2	1-1/4
	1 1/8	BALL	200	5-452C *	1/2	1-1/2	1-1/4

## Grey / Flat Tread

4	1 1/8	BALL	165	4-452G	1/2	1-1/2	7/8
5	1 1/8	BALL	200	5-452G	1/2	1-1/2	1-1/4

## Black / Round Tread

4	15/16	DELRIN	125	4-433	5/16	1-1/4	9/16
5	15/16	DELRIN	125	5-433	5/16	1-1/4	1
	1 1/4	BALL	200	5-500	1/2	1-1/2	1-1/4
6	1 1/4	BALL	220	6-500	1/2	1-1/2	1-3/4

## Grey / Round Tread

3	15/16	DELRIN	125	3-433G	5/16	1-1/4	5/16
5	1 1/4	BALL	200	5-500G	1/2	1-1/2	1-1/4
6	1 1/4	BALL	220	6-500G	1/2	1-1/2	1-3/4

\*Conductive Wheel.

# Hard / Solid Rubber Wheels

Capacity up to 400 lbs. each



## FEATURES

Hard rubber tread wheels feature one-piece molded construction. These wheels have a higher load capacity than cushion rubber wheels and will not flat-spot while sitting under load (compression set). They are non-marking and offer proven performance under a wide variety of institutional and industrial uses.

- ✓ **Standard Color / Finish:** Black
- ✓ **Tread Hardness:** 75 (± 5) Shore D Scale
- ✓ **Temperature Range:** -30° F to + 160° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
1 5/8	13/16	DELRIN	100	1-102	1/4	15/16	1/16
2	13/16	DELRIN	100	2-102	1/4	15/16	1/16
2 1/2	13/16	DELRIN	100	2-1/2 -102	1/4	15/16	1/8
	1 1/8	DELRIN	160	2-1/2 -104	5/16	1-3/8	1/4
	1 1/4	DELRIN	210	2-1/2 -106	1/2	1-1/2	3/8
3	13/16	DELRIN	100	3 -102	1/4	15/16	1/4
	15/16	DELRIN	150	3 -104	5/16	1-1/4	5/16
	15/16	BALL	150	3 -142	5/16	1-1/4	5/16
	1 1/4	DELRIN	220	3 -106	1/2	1-1/2	9/16
	1 1/4	BALL	220	3 -162	1/2	1-1/2	9/16
3 1/2	1 1/4	DELRIN	230	3-1/2 -106	1/2	1-1/2	3/4
	1 1/4	BALL	230	3-1/2 -462 *	1/2	1-1/2	3/4
4	15/16	DELRIN	150	4-104	5/16	1-1/4	9/16
	1 1/4	DELRIN	250	4-106	1/2	1-1/2	7/8
	1 5/8	SINTERED	300	4-110	5/8	1-15/16	1-1/4
	1 5/8	ROLLER	300	4-210	5/8	1-15/16	1-1/4
5	15/16	DELRIN	150	5-104	5/16	1-1/4	1
	1 1/8	BALL	280	5-462*	1/2	1-1/2	1-1/4
	1 1/8	BALL	280	5-462*	1/2	1-1/2	1-1/4
	1 1/4	DELRIN	280	5-106	1/2	1-1/2	1-1/4
	1 1/4	BALL	280	5-162	1/2	1-1/2	1-1/4
	1 5/8	SINTERED	400	5-110	5/8	1-15/16	1-3/4
	1 5/8	ROLLER	400	5-210	5/8	1-15/16	1-3/4
	1 5/8	DELRIN	400	5-310	5/8	2-1/16	1-3/4
6	1 9/32	DELRIN	300	6-106	1/2	1-1/2	1-3/4
	1 1/4	BALL	300	6-162	1/2	1-1/2	1-3/4

WHEELS

\*Wheel has Decorative Side Plates

# PolyLoc™ / Blue Polyurethane Wheels

Capacity up to 350 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3 1/2	1 1/4	Ball	250	3-1/2-213P	3/8	1-5/8	1/2
		Ball	150	4-212P	5/16	1-1/4	1/2
4	1	Ball	150	4-212P	5/16	1-1/4	1/2
	1 1/4	Ball	275	4-213P	3/8	1-5/8	3/4
5	1	Ball	160	5-212P	5/16	1-1/4	3/4
	1 1/4	Ball	300	5-213P	3/8	1-5/8	1-1/8
6	1 1/4	Ball	350	6-213P	3/8	1-5/8	1-1/4

## FEATURES

For those looking for a brighter, more eye-appealing wheel, Jarvis PolyLoc blue tread wheels are a natural choice. These models feature a durable dark blue polyurethane crowned tread mechanically locked to a solid polyolefin wheel core. Tread is molded in, around and through a ribbed wheel core to prevent tread separation when exposed to conditions of water and solvents.

These models are equipped with our patented single spindle, double row ball bearings for rolling ease. Built in hub caps are color coordinated to match the wheel tread for a very attractive, yet functional and durable wheel.

- ✓ **Standard Color / Finish:** Dark blue tread on light grey wheel core
- ✓ **Tread Hardness:** 95 (± 5) Shore A Scale
- ✓ **Temperature Range:** -30° F to + 180° F

# PolyLoc™ / Grey Polyurethane Wheels

Capacity up to 350 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3 1/2	1 1/4	Ball	250	3-1/2-213G	3/8	1-5/8	1/2
		Delrin	250	3-1/2-314G	1/2	1-1/2	1/2
4	1	Delrin	150	4-211G	5/16	1-1/4	1/2
		Ball	150	4-212G	5/16	1-1/4	1/2
	1 1/4	Ball	275	4-213G	3/8	1-5/8	3/4
		Delrin	275	4-314G	1/2	1-1/2	3/4
5	1	Delrin	160	5-211G	5/16	1-1/4	3/4
		Ball	160	5-212G	5/16	1-1/4	3/4
	1 1/4	Ball	300	5-213G	3/8	1-5/8	1-1/8
		Delrin	300	5-314G	1/2	1-1/2	1-1/8
6	1 1/4	Ball	350	6-213G	3/8	1-5/8	1-1/4
		Delrin	350	6-314G	1/2	1-1/2	1-1/4

## FEATURES

PolyLoc wheels feature a durable grey polyurethane tread mechanically locked to a solid polyolefin wheel core. Tread is molded in, around and through a ribbed wheel core to prevent tread separation (de-bonding) when exposed to conditions of water and solvents.

PolyLoc wheels are virtually indestructible and offer a long service life. Ball bearing models are equipped with our patented single spindle, double row ball bearings for rolling ease. Built in hub caps are color coordinated to match the wheel tread for a very attractive, yet functional wheel.

- ✓ **Standard Color / Finish:** Dark grey on light grey wheel core
- ✓ **Tread Hardness:** 95 (± 5) Shore A Scale
- ✓ **Temperature Range:** -30° F to + 180° F



# PolyLoc™ / Blue Polyurethane Wheels

Capacity up to 1,000 lbs. each



## FEATURES

Attractive blue polyurethane is mechanically locked to grey polyolefin wheel core for lasting performance in demanding applications. The tread will not separate or de-bond under extreme water or liquid conditions, and it offers excellent abrasion resistance. Sealed roller bearings are designed to keep water and contaminants out and lubrication in for long service life.

- ✓ **Standard Color / Finish:** Dark blue tread on light grey wheel core
- ✓ **Tread Hardness:** 95 (± 5) Shore A Scale
- ✓ **Temperature Range:** -30° F to + 180° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	2	Roller	600	4-220P	3/4	2-3/8	1
5	1 1/2	Roller	500	5-215P	3/4	2	1-1/4
	2	Roller	750	5-220P	3/4	2-3/8	1-1/2
		Delrin	750	5-320P	3/4	2-3/8	1-1/2
6	1 1/2	Roller	600	6-215P	3/4	2	1-3/4
	2	Roller	900	6-220P	3/4	2-3/8	2-3/4
		Delrin	900	6-320P	3/4	2-3/8	2-3/4
8	1 1/2	Roller	800	8-215P	3/4	2	2-1/4
	2	Roller	1,000	8-220P	3/4	2-3/8	2-3/4
		Delrin	1,000	8-320P	3/4	2-3/8	2-3/4

# PolyLoc™ / Grey Polyurethane Wheels

Capacity up to 1,000 lbs. each



## FEATURES

Designed for a variety of institutional and industrial uses, this PolyLoc wheel features a grey polyurethane tread mechanically locked to a polyolefin wheel core. The thick, heavy duty wheel hub makes this model ideal for applications where shock and heavy loading are factors.

- ✓ **Standard Color / Finish:** Dark grey tread on light grey wheel core
- ✓ **Tread Hardness:** 95 (± 5) Shore A Scale
- ✓ **Temperature Range:** -30° F to + 180° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	2	Roller	600	4-220G	3/4	2-3/8	1-1/4
		Delrin	600	4-320G	3/4	2-3/8	1-1/4
5	1 1/2	Roller	500	5-215G	3/4	2	1-1/4
		Delrin	500	5-315G	3/4	2	1-1/4
	2	Roller	700	5-220G	3/4	2-3/8	1-1/2
		Delrin	700	5-320G	3/4	2-3/8	1-1/2
6	1 1/2	Roller	600	6-215G	3/4	2	1-3/4
		Delrin	600	6-315G	3/4	2	1-3/4
	2	Roller	800	6-220G	3/4	2-3/8	1-3/4
		Delrin	800	6-320G	3/4	2-3/8	1-3/4
8	1 1/2	Roller	800	8-215G	3/4	2	2-1/4
		Ball	800	8-215BG	3/4	2-1/4	2-1/4
		Delrin	800	8-315G	3/4	2	2-1/4
	2	Roller	1,000	8-220G	3/4	2-3/8	2-3/4
		Delrin	1,000	8-320G	3/4	2-3/8	2-3/4

# Advantage™ TPR / Round Tread Wheels

Capacity up to 300 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3 1/2	1 1/4	BALL	225	3-1/2-213GD	3/8	1-5/8	1/2
		DELTRIN	225	3-1/2-314GD	1/2	1-1/2	1/2
4	1 1/4	BALL	250	4-213GD	3/8	1-5/8	5/8
		DELTRIN	250	4-314GD	1/2	1-1/2	5/8
5	1 1/4	BALL	250	5-213GD	3/8	1-5/8	3/4
		DELTRIN	250	5-314GD	1/2	1-1/2	3/4
6	1 1/4	BALL	300	6-213GD	3/8	1-5/8	1
		DELTRIN	300	6-314GD	1/2	1-1/2	1

## FEATURES

Advantage wheels feature a grey, special modulus TPR (Thermoplastic Rubber) round tread permanently bonded to a rugged polyolefin wheel core. These attractive crowned tread wheels offer superior rolling and maneuvering ease with high performance levels that exceed other tread materials. Thanks to their cushion ride, they are ideally suited for a wide variety of foodservice, healthcare and institutional applications. All Advantage wheels are non-marking which reduces unsightly marking and scuffing of floors.

They are a good choice for use in wet or damp environments.

- ✓ **Standard Color / Finish:** Dark grey tread on light grey wheel core
- ✓ **Tread Hardness:** 65 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 180° F

# Advantage™ TPR / Flat Tread Wheels

Capacity up to 325 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3 1/2	1 1/4	BALL	225	3-1/2-213GF	3/8	1-5/8	1/2
		DELTRIN	225	3-1/2-314GF	1/2	1-1/2	1/2
4	1 1/4	BALL	300	4-213GF	3/8	1-5/8	5/8
		DELTRIN	300	4-314GF	1/2	1-1/2	5/8
5	1 1/4	BALL	325	5-213GF	3/8	1-5/8	3/4
		DELTRIN	325	5-314GF	1/2	1-1/2	3/4

## FEATURES

Flat tread Advantage wheels offer the same outstanding performance characteristics with the added bonus of greater load capacity. They carry heavier loads while maintaining their non-marking and easy rolling abilities. A flat, grey special modulus TPR (Thermoplastic Rubber) tread is permanently bonded to a solid polyolefin wheel core. This unique tread is formulated to resist "chunking" and rejects floor debris. Advantage flat tread models are well suited for institutional uses as well as warehouse, industrial and wet environments.

- ✓ **Standard Color / Finish:** Dark grey tread on light grey wheel core
- ✓ **Tread Hardness:** 65 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 180° F

## Conductive Wheel

Available on 5" size only with precision ball bearing. To order, specify model 5-314GFC.



# Advantage™ TPR HD Round Tread Wheels

Capacity up to 500 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
6	2	BALL	450	6-220GDB	3/4	2-3/8	1-3/4
		ROLLER	450	6-220GD	3/4	2-3/8	1-3/4
		DELRIN	450	6-320GD	3/4	2-3/8	1-3/4
8	2	BALL	500	8-220GDB	3/4	2-3/8	2-1/2
		ROLLER	500	8-220GD	3/4	2-3/8	2-1/2
		DELRIN	500	8-320GD	3/4	2-3/8	2-1/2

## FEATURES

For added capacity and maneuverability, Advantage HD round tread wheels offer greater capacity with non-marking floor protection and a resistance to harsh environments and frequent wash cycles. The unique Advantage crowned tread composition offers lower coefficient of friction for effortless starts and swiveling ease.

Each Jarvis Advantage wheel features a special grey modulus TPR (Thermoplastic Rubber)

tread permanently bonded to a rugged polyolefin wheel core. This combination of materials equals a cushion ride over rough or uneven floors.

- ✓ **Standard Color / Finish:** Dark grey tread on light grey wheel core
- ✓ **Tread Hardness:** 65 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 180° F

# Advantage™ TPR HD Flat Tread Wheels

Capacity up to 675 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	2	ROLLER	350	4-220GF	3/4	2-3/8	1-3/8
		DELRIN	350	4-320GF	3/4	2-3/8	1-3/8
5	1 1/2	ROLLER	350	5-215GF	3/4	2	1-3/8
		DELRIN	350	5-315GF	3/4	2	1-3/8
	2	ROLLER	375	5-220GF	3/4	2-3/8	1-1/2
		DELRIN	375	5-320GF	3/4	2-3/8	1-1/2
6	1 1/2	ROLLER	375	6-215GF	3/4	2	1-5/8
		DELRIN	375	6-315GF	3/4	2	1-5/8
	2	ROLLER	600	6-220GF	3/4	2-3/8	1-3/4
		DELRIN	600	6-320GF	3/4	2-3/8	1-3/4
8	1 1/2	ROLLER	500	8-215GF	3/4	2	2-1/4
		BALL	500	8-215BGF	3/4	2-1/4	2-1/4
		DELRIN	500	8-315GF	3/4	2	2-1/4
	2	ROLLER	675	8-220GF	3/4	2-3/8	2-1/2
DELRIN		675	8-320GF	3/4	2-3/8	2-1/2	

## FEATURES

Advantage HD flat tread wheels protect your cargo from shock loading and harsh impacts. Like all Jarvis Advantage wheels, these flat tread models feature a special grey modulus TPR (Thermoplastic Rubber) tread permanently bonded to a solid polyolefin wheel core. They feature a specially blended tread compound that rejects floor debris and metal shavings while providing rolling and swiveling ease. Each Advantage wheel

is designed to withstand harsh environments such as water, oil and grease, solvents, chemicals and harsh cleaning compounds.

- ✓ **Standard Color / Finish:** Dark grey tread on light grey wheel core
- ✓ **Tread Hardness:** 65 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 180° F

# Welded Disc Rubber Wheels

Capacity up to 250 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
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## Black Tread Models

3 1/2	1 1/4	BALL	200	3-1/2-113	3/8	1-5/8	1
4	1 1/4	BALL	200	4-113	3/8	1-5/8	1-1/8
5	1 1/4	BALL	200	5-113	3/8	1-5/8	1-1/2
6	1 1/4	BALL	250	6-113	3/4	1-1/2	2-3/8

## Grey Tread Models

3 1/2	1 1/4	BALL	200	3-1/2-113G	3/8	1-5/8	1
4	1 1/4	BALL	200	4-113G	3/8	1-5/8	1-1/8
5	1 1/4	BALL	200	5-113G	3/8	1-5/8	1-1/2
6	1 1/4	BALL	250	6-113G	3/4	1-1/2	2-3/8

## FEATURES

Jarvis welded disc rubber wheels offer designers an attractive alternative for foodservice equipment, medical products, point-of-purchase displays and other institutional applications. These wheels feature a black or grey neoprene rubber tread permanently compressed between two steel discs which are welded together. For improved appearance, the center wheel discs

are plated with a durable bright nickel plating. Welded disc rubber wheels are quiet rolling and offer excellent floor protection.

- ✓ **Standard Color / Finish:** Black or grey tread on bright nickel plated wheel core
- ✓ **Tread Hardness:** 75 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 160° F

# Welded Disc Polyurethane Wheels

Capacity up to 300 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3 1/2	1 1/4	BALL	250	3-1/2-113P	3/8	1-5/8	1
4	1 1/4	BALL	275	4-113P	3/8	1-5/8	1-1/8
5	1 1/4	BALL	300	5-113P	3/8	1-5/8	1-1/2
6	1 1/4	BALL	300	6-113P	3/4	1-1/2	2

## FEATURES

Welded Disc Polyurethane wheels feature a dark blue polyurethane tire molded to fit permanently between two bright nickel plated steel discs which are welded together. They provide greater load capacity than similar style rubber tread models and are able to withstand impacts while offering maximum floor protection. Polyurethane tread wheels are known for their long service life and durability in a wide range of applications from institutional equipment to retail applications.

**Stainless Steel Wheel Discs:** available on 5" wheel diameters only. To order, add "SS" to suffix of model number (Example: 5-113PSS).

- ✓ **Standard Color / Finish:** Blue tread on bright nickel plated wheel core
- ✓ **Tread Hardness:** 95 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 180° F

## Stainless Steel Wheel Discs

Available on 5" wheel diameters only. To order, add "SS" to suffix of model number (Example: 5-113PSS).



# Solid Elastomer Wheels

Capacity up to 1,250 lbs. each



## FEATURES

Solid Elastomer wheels are the best choice for moving heavy loads with ease. They are the ergonomic solution to many heavy duty applications and outperform any conventional caster wheel on the market.

Solid Elastomer wheels are recommended for tow-line applications and are popular in automotive environments. They also offer a superior resistance to chipping, flat spotting, cracking and most chemicals, acids and water.

- ✓ **Standard Color / Finish:** Grey
- ✓ **Tread Hardness:** 73 (± 5) Shore D Scale
- ✓ **Temperature Range:** -40° F to + 230°

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3	1 3/8	Ball	300	3-750	1/2	1-9/16	1/2
		Precision Ball	300	3-755	3/8	1-9/16	1/2
4	1 3/8	Ball	500	4-750	1/2	1-9/16	3/4
		Precision Ball	500	4-755	3/8	1-9/16	3/4
	2	Delrin Roller	1,250	4-761	3/4	2-3/8	1-1/2
		Precision Ball	1,250	4-770	1/2	2-7/16	1-1/2
5	1 3/8	Ball	700	5-750	1/2	1-9/16	1
		Precision Ball	700	5-755	3/8	1-9/16	1
	2	Delrin Roller	1,250	5-761	3/4	2-3/8	2
		Precision Ball	1,250	5-770	1/2	2-7/16	2
6	2	Delrin Roller	1,250	6-761	3/4	2-3/8	2-1/4
		Precision Ball	1,250	6-770	1/2	2-7/16	2-1/4
		Delrin Roller	1,250	6-760	3/4	2-3/8	2-1/4
8	2	Delrin Roller	1,250	8-761	3/4	2-3/8	3-1/2
		Precision Ball	1,250	8-770	1/2	2-7/16	3-1/2
		Delrin Roller	1,250	8-760	3/4	2-3/8	3-1/2

# TPR / Polyolefin

Capacity up to 125 lbs. each



**NEW**

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
3	15/16	Plain	125	3-201G	5/16	1-1/4	5/16
4	15/16	Plain	125	4-201G	5/16	1-1/4	9/16
5	15/16	Plain	125	5-201G	5/16	1-1/4	1

## FEATURES

Cushion thermoplastic rubber (TPR) tread bonded to a light-weight yet extremely durable polyolefin wheel core. An economical wheel designed for moving light loads with non-marking floor protection. Ideally suited for point-of-purchase displays, audio-visual carts, janitorial equipment and light assembly stands. Plain bearing is standard.

- ✓ **Standard Color / Finish:** Grey tread on black polyolefin wheel core.

**WHEELS**

# Moldon Rubber Aluminum Core Wheels

Capacity up to 500 lbs. each



## FEATURES

Moldon Rubber wheels feature a cushion rubber tread permanently vulcanized to a die-cast aluminum wheel core. These wheels are a good choice when a light weight wheel is needed with good load capacity and shock absorbing capability. They offer maximum floor protection and quiet operation on a variety of floor surfaces.

- ✓ **Standard Color / Finish:** Black tread on die-cast aluminum wheel core
- ✓ **Tread Hardness:** 75 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 160° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	1 1/2	BALL	200	4-615B	1/2, 5/8, 3/4	1-3/8	1-3/4	1-3/8
	2	ROLLER	300	4-620	3/4	1-3/16	2-3/8	1-1/2
5	1 1/2	BALL	250	5-615B	1/2, 5/8, 3/4	1-3/8	1-3/4	1-3/4
	2	BALL	350	5-620B	1/2, 5/8, 3/4	1-3/8	2-1/4	2
		ROLLER	350	5-620	3/4	1-5/8	2-3/8	2
6	1 1/2	BALL	300	6-615B	1/2, 5/8, 3/4	1-3/8	1-3/4	2-1/2
	2	BALL	410	6-620B	1/2, 5/8, 3/4	1-3/8	2-1/4	2-1/2
		ROLLER	410	6-620	3/4	1-5/8	2-3/8	2-1/2
8	1 5/8	BALL	450	8-615B2	1/2, 5/8, 3/4	1-3/8	2	3
		BALL	450	8-615B	1/2, 5/8, 3/4	1-3/8	2-1/4	3
		BALL	450	8-615B0	1/2, 5/8, 3/4	1-3/8	1-3/4 OFFSET	3
	2	BALL	500	8-620B	1/2, 5/8, 3/4	1-3/8	2-1/4	3-1/2
		ROLLER	500	8-620	3/4	1-3/16	2-3/8	3-1/2
10	1 5/8	BALL	500	10-615B0	1/2, 5/8, 3/4	1-3/8	1-5/8 OFFSET	7



# Moldon Polyurethane Aluminum Core Wheels

Capacity up to 2000 lbs. each



## FEATURES

Moldon Polyurethane wheels feature a blue polyurethane tread permanently vulcanized to a die-cast aluminum wheel core. Polyurethane typically outlasts rubber treads five-to-one while resisting most oils, acids and other chemicals.

Their aluminum wheel core allows for a light weight wheel without loss of load capacity. They provide maximum floor protection while under heavy loads and will not take a compression set (flat spot) when left standing for long periods of time.

- ✓ **Standard Color / Finish:** Blue tread on die-cast aluminum wheel core
- ✓ **Tread Hardness:** 55 (± 5) Shore D Scale
- ✓ **Temperature Range:** -40° F to + 160° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	1 1/2	BALL	425	4-715B	1/2, 5/8, 3/4	1-3/8	1-3/4	1-1/2
	2	ROLLER	600	4-720	3/4	1-3/16	2-3/8	2-3/8
5	1 1/2	BALL	600	5-715B	1/2, 5/8, 3/4	1-3/8	1-3/4	1-3/4
		ROLLER	600	5-715	5/8	1-3/16	1-5/8	1-3/4
	2	ROLLER	900	5-720	3/4	1-3/16	2-3/8	2-3/8
		BALL	900	5-720B	1/2, 5/8, 3/4	1-3/8	2-3/16	2-3/8
		DELRIN	900	5-721	3/4	1-3/16	2-3/8	2-3/8
6	1 1/2	BALL	800	6-715B	1/2, 5/8, 3/4	1-3/8	1-3/4	2
		BALL	1,000	6-720B	1/2, 5/8, 3/4	1-3/8	2-1/4	2-5/8
	2	ROLLER	1,000	6-720	3/4	1-3/16	2-3/8	2-5/8
		DELRIN	1,000	6-721	3/4	1-3/16	2-3/8	2-5/8
8	1 5/8	BALL	900	8-715B	1/2, 5/8, 3/4	1-3/8	2-1/4	3
		BALL	1,200	8-720B	1/2, 5/8, 3/4	1-3/8	2-1/4	4-1/4
	2	ROLLER	1,200	8-720	3/4	1-3/16	2-5/8	4-1/4
		DELRIN	1,200	8-721	3/4	1-3/16	2-5/8	4-1/4
		ROLLER	2,000	8-725	1 or 1-1/4	1-15/16	3-1/4	5-3/4

WHEELS

# Moldon Rubber Cast Iron Core Wheels

Capacity up to 500 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	2	ROLLER	400	4-620CI	3/4	1-3/16	2-3/8	4-1/2
5	2	ROLLER	400	5-620CI	3/4	1-3/16	2-3/8	5
6	2	ROLLER	450	6-620CI	3/4	1-3/16	2-3/8	2-1/2
8	2	ROLLER	500	8-620CI	3/4	1-3/16	2-3/8	8-1/2

## FEATURES

For heavy duty industrial applications, Moldon Rubber wheels are an all-purpose industry standard. They are recommended for heavy loads where high strength and maximum shock absorption are important. These models are an economical choice for tough, abusive conditions. Special bore and

keyway sizes are available. Please consult factory.

- ✓ **Standard Color / Finish:** Black rubber on black spoke wheel core
- ✓ **Tread Hardness:** 75 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 160° F

# Moldon Polyurethane Cast Iron Core Wheels

Capacity up to 2,700 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	2	ROLLER	700	4-720CI	3/4	1-3/16	2-3/8	4-1/2
5	2	ROLLER	1,050	5-720CI	3/4	1-3/16	2-3/8	5
6	2	ROLLER	1,200	6-720CI	3/4	1-3/16	2-3/8	5-3/4
	2 1/2	ROLLER	1,800	6-725CI	1 or 1-1/4	1-15/16	3-1/4	10
8	2	ROLLER	1,500	8-720CI	3/4	1-3/16	2-3/8	8-1/2
10	2 1/2	ROLLER	2,400	10-725CI	1 or 1-1/4	1-15/16	3-1/4	18
12	2 1/2	ROLLER	2,700	12-725CI	1 or 1-1/4	1-15/16	3-1/4	20

## FEATURES

Moldon polyurethane tread wheels offer the high load capacity of steel wheels combined with added floor protection and shock absorbing capability. These wheels are designed for heavy duty service under punishing shock load and side thrust applications.

Like rubber tread wheels, they protect floors and are quiet in operation. They provide maximum floor protection while under

heavy loads and will not take a compression set (flat spot) when left standing for long periods of time. Special bore and keyway sizes are available. Please consult factory.

- ✓ **Standard Color / Finish:** Blue polyurethane on silver wheel core
- ✓ **Tread Hardness:** 55 (± 5) Shore D Scale
- ✓ **Temperature Range:** -30° F to + 180° F



# High Modulus Rubber Wheels

Capacity up to 550 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
6	2 1/8	Ball	350	6-600	5/8	2-1/4	3
8	2 1/4	Ball	450	8-600	5/8	2-1/4	4-1/2
10	2 1/4	Ball	550	10-600	5/8	2-1/4	6
		Ball	550	10-600HD	1	2-1/2	7

## FEATURES

High Modulus Donut wheels offer extreme resiliency and mobility. These attractive soft tread wheels deliver a quiet, cushion ride even on rough or uneven floor surfaces. The crowned "donut" tread design offers swiveling ease and rollability with minimum friction. Special blended modulus black rubber compound is permanently bonded to a solid aluminum core which results in a strong but light weight wheel.

### Grey Tread Wheels:

- ✓ **Standard Color / Finish:** black rubber on aluminum wheel core
- ✓ **Tread Hardness:** 65 (± 5) Shore A Scale
- ✓ **Temperature Range:** -40° F to + 160° F

## Grey Tread Wheels

Available on all models. Add suffix "G" for grey tread wheels. (Example: 8-600G)

# Full-Pneumatic Wheels

Capacity up to 470 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Inflation Pressure (PSI)
8	2.80 / 4	Ball	300	8-940	1/2	3	50
10	4.10 / 4	Ball	470	10-940	1/2	4	50

## FEATURES

Pneumatic wheels are similar to automotive tires and provide the ultimate in cushion ride and shock absorption. They are well suited for moving fragile loads quietly over a variety of floor surfaces, both inside and out. Pneumatic tires require air inflation

- ✓ **Standard Color / Finish:** black rubber tire on steel wheel discs
- ✓ **Temperature Range:** -20° F to + 160° F

# Polyolefin Wheels

Capacity up to 900 lbs. each



## FEATURES

Polyolefin wheels are a lightweight, economical, hard tread wheel that withstands hard impacts and abusive conditions. These injection molded thermoplastic models are well suited to a wide variety of institutional and industrial applications.

Despite their light weight, their impact strength is superior to hard rubber wheels. Polyolefin wheels are impervious to water, oils, grease, solvents, acids and many chemicals.

- ✓ **Standard Color / Finish:** black
- ✓ **Tread Hardness:** 65 (± 5) Shore D Scale
- ✓ **Temperature Range:** -20° F to + 180° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
<b>2</b>	13/16	PLAIN	100	2-501	1/4	7/8	1/8
<b>2 1/2</b>	13/16	PLAIN	100	2-1/2-501	1/4	7/8	3/16
	1 1/8	PLAIN	180	2-1/2-511	5/16	1-1/4	1/4
	1 1/4	PLAIN	200	2-1/2-513	1/2	1-1/2	3/8
	1 3/8	BALL	350	2-1/2-522	1/2	1-1/2	1/2
	1 13/16	PLAIN ROLLER	400 400	2-1/2-531 2-1/2-532	5/8 5/8	1-15/16 1-15/16	5/8 5/8
<b>3</b>	13/16	PLAIN	150	3-501	1/4	7/8	1/8
	1 1/8	PLAIN	200	3-511	5/16	1-1/4	1/4
	1 1/4	PLAIN	250	3-521	1/2	1-1/2	1/2
	1 13/16	PLAIN ROLLER	500 500	3-531 3-532	5/8 3/4	1-15/16 1-15/16	5/8 5/8
<b>3 1/2</b>	1 1/4	PLAIN	250	3-1/2 - 513	1/2	1-1/2	7/8
<b>4</b>	1	PLAIN	150	4-511	5/16	1-1/4	1/2
	1 1/4	PLAIN	275	4-513	1/2	1-1/2	1
	1 1/2	PLAIN	375	4-521	3/4	1-5/8	3/4
		ROLLER	375	4-522	3/4	1-5/8	3/4
	2	PLAIN ROLLER	500 500	4-531 4-532	3/4 3/4	2-3/16 2-3/8	3/4 3/4
<b>5</b>	1	PLAIN	150	5-511	5/16	1-1/4	5/8
	1 1/4	PLAIN	300	5-513	3/8	1-1/2	1
		BALL	300	5-514	3/8	1-1/2	1
	1 1/2	PLAIN	450	5-521	3/4	1-5/8	1
		ROLLER	450	5-522	3/4	1-5/8	1
	2	PLAIN	650	5-531	3/4	2-3/16	1-1/8
ROLLER		650	5-532	3/4	2-3/8	1-1/8	
<b>6</b>	1 3/8	PLAIN	450	6-521	1/2	1-1/2	3/4
	1 1/2	DELFIN	500	6-523	3/4	2	1
		ROLLER	500	6-522	3/4	1-7/8	1
	2	PLAIN	700	6-531	3/4	2-3/16	1-1/4
		ROLLER	700	6-532	3/4	2-3/8	1-1/4
<b>8</b>	1 1/2	ROLLER	600	8-522	3/4	2	1
	2	PLAIN	900	8-531	3/4	2-3/16	1-1/2
		ROLLER	900	8-532	3/4	2-3/8	1-1/2



# Phenolic Wheels

Capacity up to 3,000 lbs. each



## FEATURES

Phenolic wheels are an industry-standard performer with proven service over many decades. These economical wheels are well suited to a wide variety of industrial and commercial uses. Phenolic wheels are constructed of compression molded phenolic resin filled with macerated canvas.

They are a hard tread wheel with high load capacity and are resistant to most oils and other chemicals. Phenolic wheels roll easier and more quietly than steel or cast iron, providing greater floor protection.

- ✓ **Standard Color / Finish:** black
- ✓ **Temperature Range:** -45° F to + 250° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
<b>3</b>	1 1/2	PLAIN	600	3-121	1/2	1/2	1-5/8	1/2
		ROLLER	600	3-221	3/4	1-3/16	1-5/8	1/2
	1 13/16	ROLLER	700	3-222	9/16	1-1/8	1-15/16	3/4
<b>3 1/4</b>	2	ROLLER	700	3-1/4-222	3/4	1-3/16	2-3/8	1-1/4
<b>4</b>	1 1/2	PLAIN	600	4-121	1/2	1/2	1-5/8	1
		ROLLER	600	4-221	3/4	1-3/16	1-5/8	1
	2	PLAIN	800	4-122	3/4	3/4	2-3/16	1-1/2
		ROLLER	800	4-222	3/4	1-3/16	2-3/8	1-1/2
<b>5</b>	1 1/2	PLAIN	600	5-121	1/2	1/2	1-5/8	1-1/2
		ROLLER	600	5-221	3/4	1-3/16	1-5/8	1-1/2
	2	PLAIN	1,000	5-122	3/4	3/4	2-3/16	1-3/4
		ROLLER	1,000	5-222	3/4	1-3/16	2-3/8	1-3/4
<b>6</b>	1 1/2	PLAIN	800	6-121	1/2	1/2	1-5/8	1-1/2
		ROLLER	800	6-221	3/4	1-3/16	1-5/8	1-1/2
	2	PLAIN	1,200	6-122	3/4	3/4	2-3/16	2-1/2
		ROLLER	1,200	6-222	3/4	1-3/16	2-3/8	2-1/2
<b>8</b>	2	PLAIN	1,400	8-122	3/4	3/4	2-3/16	4
		ROLLER	1,400	8-222	3/4	1-3/16	2-3/8	4
	2 1/2	ROLLER	2,000	8-275	1 or 1-1/4	1-15/16	3-1/4	5-1/2
<b>10</b>	2 1/2	ROLLER	2,500	10-225	1 or 1-1/4	1-15/16	3-1/4	7-1/2
<b>12</b>	2 1/2	ROLLER	3,000	12-275	1 or 1-1/4	1-15/16	3-1/4	11-3/4

## High Temperature Phenolic Wheels



### Temperature Range:

-45° F to + 475° F  
continuous operation.

-45° F to + 525° F  
intermittent service.  
Consult factory.

# Cast Iron Wheels

Capacity up to 2,500 lbs. each



## FEATURES

Cast Iron wheels are recommended for heavy loads or for applications where floor protection and noise reduction are not important. These wheels have exceptionally long wear life and are fully machined for concentricity. Cast iron wheels are ideal for warehousing, manufacturing and general material handling. In addition, they can be used in temperature extremes

- ✓ **Standard Color / Finish:** Silver
- ✓ **Temperature Range:** -45° F to + 250° F

Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
2	1	PLAIN	150	2-120	1/4		1-1/8	3/4
2 1/2	15/16	PLAIN	200	2-1/2-120	5/16		1-3/8	1
3	1 1/4	PLAIN	250	3-120	1/2		1-1/2	1-1/4
3 1/2	1 1/4	PLAIN	300	3-1/2-120	1/2		1-1/2	1-3/4
4	1 1/4	PLAIN	400	4-120	1/2		1-1/2	2
	1 1/2	PLAIN	550	4-130	5/8		1-15/16	2-1/4
		ROLLER	550	4-230	3/4	1-3/16	1-15/16	2-1/4
2	ROLLER	750	4-250	3/4	1-3/16	2-3/8	3-1/2	
5	1 1/4	PLAIN	500	5-120	1/2		1-1/2	2-12
	1 1/2	ROLLER	650	5-230	3/4	1-3/16	1-15/16	3-1/2
	2	ROLLER	800	5-250	3/4	1-3/16	2-3/8	4-1/2
6	1 1/2	ROLLER	600	6-230	3/4	1-3/16	1-3/4	4
	2	ROLLER	1,200	6-250	3/4	1-3/16	2-3/8	6-1/2
	2 1/2	ROLLER	2,000	6-255	1 or 1-1/4	1-15/16	3-1/4	7-1/2
8	2	ROLLER	1,500	8-250	3/4	1-3/16	2-3/8	8-1/2
	2 1/2	ROLLER	2,500	8-255	1 or 1-1/4	1-15/16	3-1/4	13
10	2 1/2	ROLLER	2,500	10-255	1 or 1-1/4	1-15/16	3-1/4	17



# Ductile Steel Wheels

Capacity up to 1,500 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	2	ROLLER	1,400	4-850	3/4	1-3/16	2-1/4	3
5	2	ROLLER	1,500	5-850	3/4	1-3/16	2-1/4	5-1/2
6	2	ROLLER	1,500	6-850	3/4	1-3/16	2-1/4	6-1/2
8	2	ROLLER	1,400	8-850	3/4	1-3/16	2-1/4	8

## FEATURES

Ductile Steel wheels are designed for extra heavy duty loads. They have extra thick tread designs and strengthened hubs for lasting performance and service life. Ductile steel wheels offer maximum impact resistance, high load capacity, and they are precision machined to run true and smooth under the most demanding conditions.

- ✓ **Standard Color / Finish:** Silver
- ✓ **Temperature Range:** -45° F to + 250° F

# V-Groove Wheels

Capacity up to 2,500 lbs. each



Wheel Diameter (Inches)	Tread Width (Inches)	Bearing	Capacity (Pounds)	Jarvis Wheel Model Number	Bearing Bore (Inches)	Bore Less Bearing (Inches)	Hub Length (Inches)	Approximate Weight (Pounds)
4	2	ROLLER	800	4-250V	3/4	1-3/16	2-3/16	4
5	2	ROLLER	800	5-250V	3/4	1-3/16	2-3/16	5
6	2	ROLLER	1,000	6-250V	3/4	1-3/16	2-3/16	8
	2 1/2	ROLLER	2,500	6-255V	1 or 1-1/4	1-15/16	3-1/4	11-3/4
8	2 1/2	ROLLER	2,500	8-255V	1 or 1-1/4	1-15/16	3-1/4	15-1/2

## FEATURES

V-Groove wheels are designed for use on inverted angle iron tracks to control direction, protect floors and provide ease of movement in production lines or assembly areas. These wheels are machine finished across wheel face and "V" groove.

- ✓ **Standard Color / Finish:** Silver
- ✓ **Temperature Range:** -45° F to + 250° F

# Brakes



## VertiLoc™ Brake

A popular side-operated brake that employs cam action to lock brake pad across entire surface of wheel tread. Brake locks wheel only, and the swivel radius of the caster is not affected by this brake design. All steel construction provides positive, reliable braking under a variety of operating conditions and wheel tread types.

To order as factory installed swivel caster option, add “VL” to end of caster model number. To field install brake, see Brake Kit Number chart below.

Caster Wheel Diameter	Brake Kit Number				
	13-28 Series Zinc	135-285 Series Nickel	30-40 Series Zinc	305-405 Series Nickel	S30-S40 Series Stainless
3"	E 53	E 30	E 63	E 69	
3-1/2"			E 64	E 62	
4"	E 54	E 31	E 68	E 61	SS E 64
5"	E 55	E 32	E 67	E 77	SS E 65
6"			E 66	E 6	SS E 66

VertiLoc Brake Kit includes brake axle & nut, brake pedal and shoe lever.



## VertiLoc HD™ Brake

This brake features the same basic design as the VertiLoc brake shown above except that this model is designed for use on heavier duty casters and wheels. It also employs a cam action to lock brake pad across entire surface of wheel tread. Brake locks wheel only, and the swivel radius of the caster is not affected by this brake design. All steel construction provides positive, reliable braking under a variety of operating conditions and wheel tread types.

To order as factory installed swivel caster option, add “VL” to end of caster model number. To field install brake, see Brake Kit Number chart below.

Caster Wheel Dia.	Brake Kit Number				
	130-136 Series Zinc	61 Series Zinc	81 Series Zinc	81KPL Series Zinc	85 Series Zinc
3"	E 46				
4"	E 50	E 90	E 84	E 84	00481 VY
5"	E 51	E 89	E 85	E 85	00581 VY
6"	E 99	E 94	E 86	E 86	00681 VY
8"	E 79*	E 95	E 88	E 88	00881 VY

\* Has vinyl brake shoe

VertiLoc Brake Kit includes brake axle & nut, brake pedal and shoe lever.



## PosiLoc™ Brake

A simple, effective toe-activated wheel brake that provides excellent braking action on a variety of wheel types and tread surfaces. Brake locks wheel only. Thermoplastic black brake pedal offers easy engagement and disengagement of brake.

To order as factory installed swivel caster option, add “PL” to end of caster model number.

Note: Melting point of brake pedal is +421° F.

To field install brake, see Brake Kit Number chart above.

Caster Wheel Diameter	Brake Kit Number	
	30-40 Series Zinc	S30-S40 Series Stainless
3"	3005-27	
3-1/2"	3005-37	
4"	3005-47	3017-47
5"	3005-57	3017-57
6"	3005-67	3017-67

Brake kit includes brake housing and pedal as one unit. Existing caster axle & nut will work with this design.



## PosiLocHD™ Brake

A heavy duty version of the PosiLoc brake shown above specially designed for larger casters and heavier loads. A simple, effective toe-activated wheel brake that provides excellent braking action on a variety of wheel types and tread surfaces. Brake locks wheel only. Thermoplastic black brake pedal offers easy engagement and disengagement of brake.

To order as factory installed swivel caster option, add “PL” to end of caster model number.

Note: Melting point of brake pedal is +421° F

To field install brake, see Brake Kit Number chart above.

Caster Wheel Dia.	Brake Kit Number	
	81 Series Zinc	81KPL Series Zinc
4"	TI 481 PLB	TI 481 PLB
5"	TI 581 PLB	TI 581 PLB
6"	TI 681 PLB	TI 681 PLB
8"	TI 881 PLB	TI 881 PLB

Brake kit includes brake housing and pedal as one unit. Existing caster axle & nut will work with this design.



# Brakes



## SideLock Brake

Cam activated brake exerts pressure on side of wheel hub for solid braking power. Large wing-shaped foot pedal is easily accessed, and brake can be locked from either end of the pedal for operator ease. A proven industrial brake design that locks wheel only.

Caster Wheel Dia.	Brake Kit Number		
	81 Series Zinc	85 Series Zinc	91 Series Zinc
4"	000 E81 RC	000 E81 RC	
5"	000 E81 RC	000 E81 RC	
6"	000 E81 RC	000 E81 RC	000 E91
8"	000 E81 RC	000 E81 RC	000 E91
10"			000 E91
12"			000 E91

To order as factory installed swivel caster option,

add "SLB" to end of caster model number. To field install brake, see kit numbers above.

# Swivel Locks



## Swivel Lock (Welded)

Available on: Jarvis 30 Series top plate casters (zinc, nickel plated & stainless steel)

Extended hand-operated plunger locks caster swivel in trailing position at 180° while wheel spins freely. Spring-loaded plunger mechanism is welded to top plate and features a clip that automatically locks in top of fork base when activated. Factory installed only.

To order as factory installed swivel caster option, add "1PSL" to end of caster model number.



## Swivel Lock (Bolt-On)

Available on: Jarvis 81 Series casters

Bolt-on swivel locks are field installable only and are available in one-position, two-position and four-position versions. This swivel lock is bolted to the caster as the caster is mounted on the equipment.

A spring-loaded, hand operated plunger is engaged to fit into slots on the swivel raceway. To disengage, simply pull out on the plunger and twist and lock so that it will not contact the swivel raceway. The caster fork yoke base must be equipped with notches for this swivel lock to function.

**1-Position Swivel Lock:** Swivel locks in trailing position at 180° while wheel spins freely. To order, add "SL1" to end of caster model number.

**2-Position Swivel Lock:** Swivel locks in trailing and while forward position at 180° while wheel spins freely. To order, add "SL2" to end of caster model number.

**4-Position Swivel Lock:** Swivel locks in four positions at 90° intervals while wheel spins freely. To order, add "SL4" to end of caster model number.



## Pull Ring Swivel Lock (Welded)

Available on: Jarvis 61, 81, 85 and 91 Series casters.

Designed for heavier loads and industrial applications, these 4-position swivel locks are welded to the bottom of the top plate and can convert swivel casters into rigid casters.

The spring loaded plunger is hand operated and fits into notches cut in 90° intervals in the swivel raceway. Plunger locks out of way when not in use for free swiveling action. Factory installed only.

To order as factory installed swivel lock, add "SL4" to end of caster model number.

# Accessories / Parts



## Swivel Grease Seals

Swivel seals are designed to keep dirt and moisture out of the swivel raceway and lubricant in for easier swiveling and longer caster life.

They are recommended for equipment exposed to frequent washings or sterilization cycles in hospitals, food processing plants and bakeries. They offer a high resistance to grease, oils, chemicals and detergents.

Swivel Grease Seals are available on: Series 30 – 40, 61, and 81 Series Casters.

To order as factory installed swivel caster option, add “GS” to end of caster model number.



## Floor Locks

Floor locks are designed to lock mobile equipment in a desired location. Often used on platform trucks, laundry carts and postal equipment, this unique locking system locks equipment in place with a simple press of the foot. Another press of the foot releases the lock for complete mobility.

Floor locks are recommended for use on level surfaces and are not recommended for inclined surfaces. Non-slip rubber brake pad on bottom of floor lock holds securely on a variety of floor surfaces.

Jarvis floor locks feature a 4” x 4-1/2” top plate with slotted mounting holes for 2-5/8” x 3-5/8” or 3” x 3”. Mounting bolt size: 3/8”.

To order, specify Model Number from chart below:

Wheel Diameter (Inches)	Caster Series	Overall Extended Height	Retracted Height	Model Number
4”	61, 81	5-3/4”	4-3/4”	FL4
5”	61, 81	6-5/8”	5-5/8”	FL5
6”	61, 81	7-5/8”	6-5/8”	FL6
8”	61, 81	9-5/8”	8-5/8”	FL8

## Axles

All Jarvis Axles are Grade 2.

Series	Description	Specifications	Part Number
13 - 28 SERIES	PLAIN AXLE	5/16” DIAMETER X 1-7/16” LONG	902-02
	BRAKE AXLE	5/16” DIAMETER X 1-11/16” LONG	957-02
30 - 40 SERIES / SWIVELS	PLAIN AXLE	3/8” DIAMETER X 2-1/8” LONG	927-02
	ZERK AXLE	3/8” DIAMETER X 2-1/8” LONG	928-12
	PLAIN BRAKE AXLE	3/8” DIAMETER X 2-1/4” LONG	964-02
	ZERK BRAKE AXLE	3/8” DIAMETER X 2-1/4” LONG	965-12
31-37 SERIES / RIGIDS	PLAIN AXLE	3/8” DIAMETER X 2-1/4” LONG	932-22
	ZERK AXLE	3/8” DIAMETER X 2-1/4” LONG	932-12
130 SERIES (3”, 4”, 5” WHEEL DIA.)	PLAIN AXLE	3/8” DIAMETER X 2-5/8” LONG	966-02
	ZERK AXLE	3/8” DIAMETER X 2-5/8” LONG	966-12
	PLAIN BRAKE AXLE	3/8” DIAMETER X 2-7/8” LONG	961-02
	ZERK BRAKE AXLE	3/8” DIAMETER X 2-7/8” LONG	961-12
130 SERIES (6” & 8” WHEEL DIA.)	PLAIN AXLE	1/2” DIAMETER X 2-3/4” LONG	942-22
	ZERK AXLE	1/2” DIAMETER X 2-3/4” LONG	942-12
	PLAIN BRAKE AXLE	1/2” DIAMETER X 3” LONG	982-42
	ZERK BRAKE AXLE	1/2” DIAMETER X 3” LONG	982-52
61-62 SERIES	PLAIN AXLE	1/2” DIAMETER X 2-3/4” LONG	942-22
	ZERK AXLE	1/2” DIAMETER X 2-3/4” LONG	942-12
	PLAIN BRAKE AXLE	1/2” DIAMETER X 3” LONG	982-42
	ZERK BRAKE AXLE	1/2” DIAMETER X 3” LONG	982-52
81-82 SERIES	PLAIN AXLE	1/2” DIAMETER X 3-3/8” LONG	941-22
81SB SERIES	ZERK AXLE	1/2” DIAMETER X 3-3/8” LONG	941-12
85-86 SERIES	PLAIN BRAKE AXLE	1/2” DIAMETER X 3-5/8” LONG	970-42
	ZERK BRAKE AXLE	1/2” DIAMETER X 3-5/8” LONG	970-52
W81,W82, W87,W88, W101,102 PNEUMATIC CASTERS	PLAIN AXLE	1/2” DIAMETER X 4” LONG	980-22
	ZERK AXLE	1/2” DIAMETER X 4” LONG	980-22
91-92 SERIES	ZERK AXLE	3/4” DIAMETER X 5” LONG	990-12

## Spanner Bushings

Series	Specifications	Part Number
13 - 28 SERIES	3/8” OD X 5/16” ID X 1.300” LONG	4405-01
S30 - S40 SERIES (STAINLESS STEEL)	1/2” OD X 3/8” ID X 1.600” LONG	4425-17
	1/2” OD X 3/8” ID X 1.687” LONG	4428-17
30-40 SERIES	1/2” OD X 3/8” ID X 1.600” LONG	4425-17
	1/2” OD X 3/8” ID X 1.575” LONG	4426-12
	1/2” OD X 3/8” ID X 1.600” LONG	4434-01
	1/2” OD X 3/8” ID X 1.610” LONG	4425-02
	1/2” OD X 3/8” ID X 1.687” LONG	4428-01
	9/16” OD X 3/8” ID X 2” LONG	4478-01
130-140 SERIES	5/8” OD X 3/8” ID X 1.687” LONG	4479-01
	1/2” OD X 3/8” ID X 2” LONG	4433-11
	5/8” OD X 3/8” ID X 2.031” LONG	4487-01
61- 62 SERIES	3/4” OD X 3/8” ID X 2” LONG	4465-01
	9/16” OD X 3/8” ID X 2” LONG (3” WHEEL DIAMETER ONLY)	4478-01
	3/4” OD X 3/8” ID X 2” LONG	4465-01
	3/4” OD X 1/2” ID X 2.031” LONG	4441-01
S81 - 82 SERIES (STAINLESS STEEL)	3/4” OD X 1/2” ID X 2.120” LONG	4423-01
	3/4” OD X 1/2” ID X 2.260” LONG	4494-17
	3/4” OD X 1/2” ID X 2.437” LONG	4498-17
81 - 82 SERIES	5/8” OD X 1/2” ID X 2.437” LONG	4448-17
	5/8” OD X 1/2” ID X 2.280” LONG	4467-01
	5/8” OD X 1/2” ID X 2.437” LONG	4431-01
	3/4” OD X 1/2” ID X 2.260” LONG	4460-01
91 SERIES	3/4” OD X 1/2” ID X 2.437” LONG	4458-01
	1” OD X 3/4” ID X 3-1/2” LONG	4476-01



# Thread Guards

Thread guards are designed to protect wheel bearings from thread and other floor debris that can bind wheels thereby creating flat spots. They provide longer caster life and less maintenance of wheels. They are available as an option on many Jarvis models. See thread guard chart below for specific thread guard – wheel availability.



Wheel Model	Wheel Description	Wheel Size: Diameter x Tread Width	Thread Guard Part Number & Inside Diameter	Thread Guard Finish/ Material	
2-1/2-105	Cushion Tread / Solid Rubber	2-1/2" x 1-1/4"	1132-02 (3/8" ID)	Zinc	
3-105		3" x 1-1/4"	1132-02 (3/8" ID)	Zinc	
4-105		4" x 1-1/4"	1132-02 (3/8" ID)	Zinc	
5-452		5" x 1-1/8"	1164-06 (3/8" ID)	Nickel	
5-452		5" x 1-1/8"	1164-BR (3/8" ID)	Brass	
5-152		5" x 1-1/4"	1148-12 (3/8" ID)	Zinc	
6-105		6" x 9/32"	1162-02 (3/8" ID)	Zinc	
6-105		6" x 9/32"	1160-02 (3/8" ID)	Zinc	
3-103	Cushion Tread / Solid Rubber	3" x 15/16"	1121-16 (5/16" ID)	Nickel	
4-103		4" x 15/16"	1121-16 (5/16" ID)	Nickel	
4-452		4" x 1-1/8"	1163-06 (3/8" ID)	Nickel	
5-103		5" x 15/16"	1121-16 (5/16" ID)	Nickel	
5-109		5" x 1-5/8"	1148-02 (7/16" ID)	Zinc	
5-105		5" x 1-1/4"	1135-35 (3/8" ID)	Copper Nickel	
5-105		5" x 1-1/4"	1135-06 (3/8" ID)	Nickel	
5-105		5" x 1-1/4"	1135-02 (3/8" ID)	Zinc	
5-110	Hard Tread / Solid Rubber	5" x 1-5/8"	1148-02 (7/16" ID)	Zinc	
3-1/2-513	Polyolefin	3-1/2" x 1-1/4"	1170-02 (3/8" ID)	Zinc	
4-513		4" x 1-1/4"	1170-02 (3/8" ID)	Zinc	
5-513		5" x 1-1/4"	1170-02 (3/8" ID)	Zinc	
5-532		5" x 2"	1135-12 (1/2" ID)	Zinc	
3-1/2-13G	PolyLoc / Grey / Round Tread	3-1/2" x 1-1/4"	1143-02 (3/8" ID)	Zinc	
4-213G *		4" x 1-1/4"	1148-12 (3/8" ID)	Zinc	
4-314G		4" x 1-1/4"	1148-12 (3/8" ID)	Zinc	
5-213G *		5" x 1-1/4"	1139-20 (3/8" ID)	Spacer Combo /Plastic Grey	
5-213G *	PolyLoc / Grey / Round Tread	5" x 1-1/4"	1141-50 (5/16" ID)	Spacer Combo /Plastic Red	
5-213G *		5" x 1-1/4"	1140-PC (3/8" ID)	Black Powder Coat	
5-215G	PolyLoc / Grey / Flat Tread	5" x 1-1/2"	1135-06 (3/8" ID)	Nickel	
5-215G		5" x 1-1/2"	1135-02 (3/8" ID)	Zinc	
6-215G		6" x 1-1/2"	1153-17 (1/2" ID)	Stainless Steel	
6-220G		6" x 2"	1153-17 (1/2" ID)	Stainless Steel	
6-215G		6" x 1-1/2"	1153-02 (1/2" ID)	Zinc	
6-220G		6" x 2"	1153-02 (1/2" ID)	Zinc	
6-220G		6" x 2"	1153-00 (1/2" ID)	Black Plastic	
6-320G		6" x 2"	1153-00 (1/2" ID)	Black Plastic	
4-213P *		PolyLoc / Blue / Round Tread	4" x 1-1/4"	1148-12 (3/8" ID)	Zinc
5-213P *			5" x 1-1/4"	1139-20 (3/8" ID)	Spacer Combo /Plastic Grey
5-213P *	5" x 1-1/4"		1141-50 (5/16" ID)	Spacer Combo /Plastic Red	
5-213P *	5" x 1-1/4"		1140-PC (3/8" ID)	Black Powder Coat	

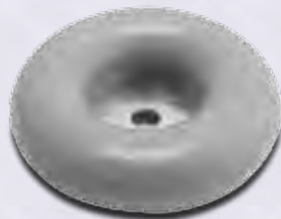
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Wheel Model	Wheel Description	Wheel Size: Diameter x Tread Width	Thread Guard Part Number & Inside Diameter	Thread Guard Finish/ Material	
5-215P	PolyLoc / Blue / Flat Tread	5" x 1-1/2"	1135-06 (3/8" ID)	Nickel	
5-215P		5" x 1-1/2"	1135-02 (3/8" ID)	Zinc	
6-215P		6" x 1-1/2"	1153-17 (1/2" ID)	Stainless Steel	
6-220P		6" x 2"	1153-17 (1/2" ID)	Stainless Steel	
6-215P		6" x 1-1/2"	1153-02 (1/2" ID)	Zinc	
6-220P		6" x 2"	1153-02 (1/2" ID)	Zinc	
6-220P		6" x 2"	1153-00 (1/2" ID)	Black Plastic	
5-213GD *		Advantage / Round Tread	5" x 1-1/4"	1140-20 (3/8" ID)	Plastic / Grey
5-213GD *			5" x 1-1/4"	1140-02 (3/8" ID)	Zinc
5-213GD *			5" x 1-1/4"	1140-06 (3/8" ID)	Nickel
5-314GD	5" x 1-1/4"		1140-20 (3/8" ID)	Plastic / Grey	
6-213GD *	6" x 1-1/4"		1160-02 (3/8" ID)	Zinc	
6-314GD	6" x 1-1/4"		1160-02 (3/8" ID)	Zinc	
6-220GD	Advantage / Flat Tread	6" x 2"	1153-00 (1/2" ID)	Black Plastic	
5-213GF		5" x 1-1/4"	1140-20 (3/8" ID)	Plastic / Grey	
5-213GF		5" x 1-1/4"	1140-06 (3/8" ID)	Nickel	
5-314GF		5" x 1-1/4"	1140-20 (3/8" ID)	Plastic / Grey	
6-220GF		6" x 2"	1153-00 (1/2" ID)	Black Plastic	
6-320GF		6" x 2"	1153-00 (1/2" ID)	Black Plastic	
4-121	Phenolic	4" x 1-1/2"	1148-12 (3/8" ID)	Zinc	
4-221		4" x 1-1/2"	1148-12 (3/8" ID)	Zinc	
5-122		5" x 2"	1135-12 (1/2" ID)	Zinc	
6-222		6" x 2"	1153-17 (1/2" ID)	Stainless Steel	
6-222		6" x 2"	1153-02 (1/2" ID)	Zinc	
6-222		6" x 2"	1153-BL (1/2" ID)	Black Powder Coat	
4-755	Solid Elastomer	4" x 1-3/8"	1148-32 (3/8" ID)	Yellow Chromate	
4-760		4" x 2"	1148-22 (1/2" ID)	Zinc	
5-770		5" x 2"	1153-E7 (1/2" ID)	Electro Polished	
4-120	Cast Iron	4" x 1-1/4"	1135-02 (3/8" ID)	Zinc	
5-113	Welded Disc / Rubber	5" x 1-1/4"	1141-19 (3/8" ID)	Black Polane	
5-113		5" x 1-1/4"	1141-15 (3/8" ID)	Grey Polane	
6-113	Tread	5" x 1-1/4"	1141-06 (3/8" ID)	Nickel	
6-113		6" x 1-1/4"	1157-19 (3/8" ID)	Black Polane	
6-113		6" x 1-1/4"	1157-15 (3/8" ID)	Grey Polane	

\* All 213 model wheels come standard with plastic thread guards covering the hub area. The thread guard shown in the chart above mount over this small thread guard.

ACCESSORIES / PARTS

# Bumpers

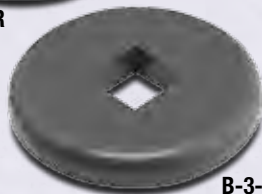


## End Bumper B-1

Grey end bumper generally used on the ends of tubular handles on carts and platform trucks. Designed to help protect equipment as well as walls and door facings. Bumper Dimensions: 3-1/4" diameter with steel insert for 5/16" mounting bolt. Black bumper optionally available—consult factory.



B-3-1/2 R



B-3-1/2 S

## Tubing Bumper B-3-1/2

Designed to fit over 1" OD round or square tubing on carts and a variety of rolling equipment. Please specify round or square tubing when ordering. Specify **B-3-1/2 R** for round ID and **B-3-1/2 S** for square ID.



## Rolling Bumper B-5

5" diameter rolling bumpers; tapered grey rubber bonded to zinc plated insert with removable center bushings to fit stem diameters from 3/8" to 1-1/8". Specify bumper **B-5**.



## Corner Bumper B-8

Grey corner bumper for mounting on the corners of equipment, carts or any flat surfaces. Absorbs shock to protect equipment and walls, doors and furniture. Bumper Dimensions: 7/8" thick x 1" high x 2-5/8" long from inside corner on each side.



## Corner Bumper B-10

A heavy duty bumper with reinforced, rounded corner to protect equipment from shocks and bumps. Ends are tapered with steel inserts and rounded for added design appeal. Bumper Dimensions: 1" thick x 1-1/16" high x 3-1/16" long from inside corner on each side.



## Corner Bumper B-12

A common bumper used to protect a wide variety of mobile equipment and the surrounding environment from bumps and scrapes. This bumper is equipped with steel inserts and can be mounted on any flat surface. The ends of the bumper legs may be cut at notched area to make square ends. Bumper features steel inserts. Bumper Dimensions: 7/8" thick x 1" high x 3-1/8" long from inside corner on each side.

# Tubing Adapters

Plastic adapters accepts 7/16" diameter spring ring stem. Metal adapter accepts 7/16" diameter straight stem.



Tubing OD (Inches)	Plastic Round	Plastic Square	Metal
3/4-16 ga.	1085	1086	-
7/8-16 ga.	1087	1088	-
1-16 ga.	1089	1090	1070
1-18 ga.	1084	1091	1071
1-1/2-18 ga.	-	1082	-

## Rubber Expanding Adapters

for Series 27, 40, S40 and 50NG casters



- Knurled Nut
- Rubber Bushing
- Plastic Bushing
- Base Washer

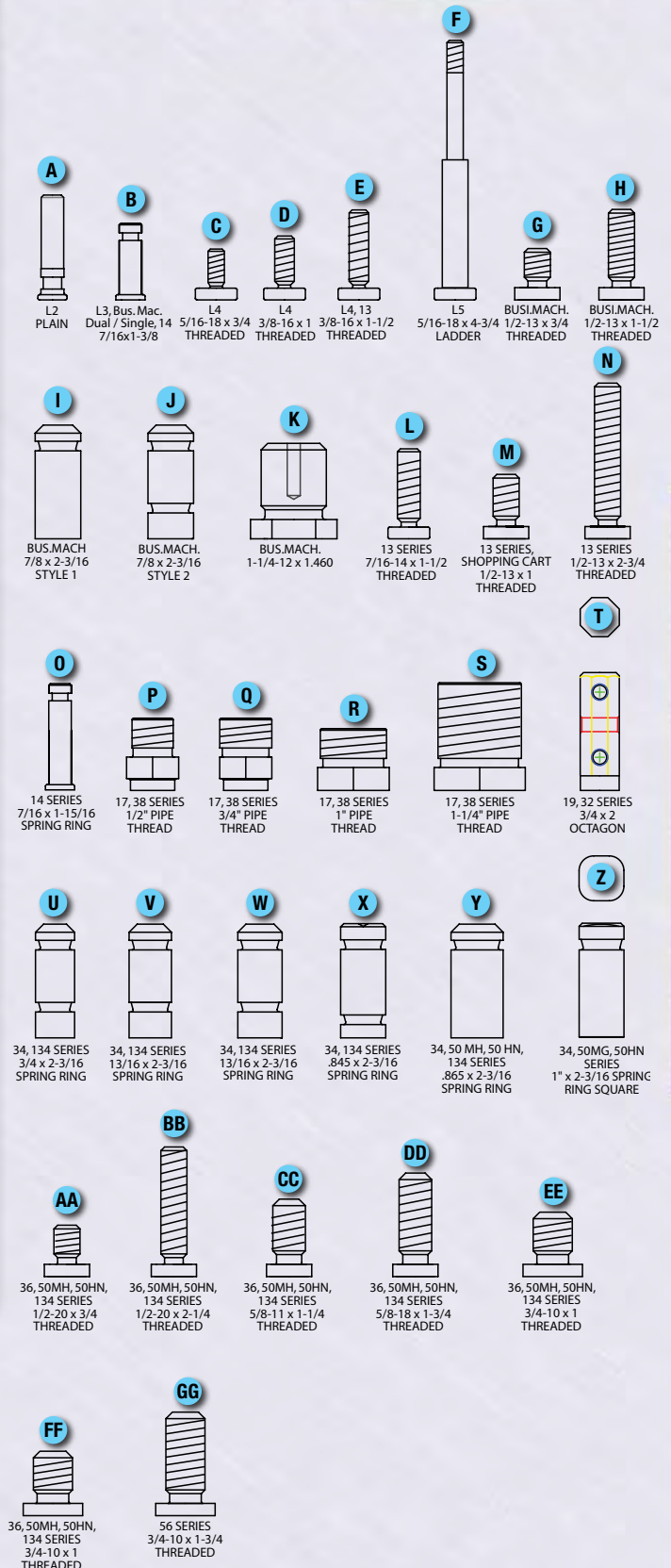
Adapter Number	ID of Round or Square Tube (Inches)	Tube Size Range (Inches)	Adapter Kit Parts			
			Rubber Bushing	Top Knurled Nut	Plastic Bushing	Base Washer
9	3/4	0.720-0.851	1644-00	1421-02	1429-02	1709-02
11*	7/8	0.852-0.927	1645-00	1435-02	1432-02	1709-02
13	1	0.928-1.029	1646-00	1435-02	1432-02	1709-02
15	1 1/8	1.030-1.140	1647-00	1436-02	1431-02	1709-02
17B	1 3/16	1.178-1.303	1651-00	1441-02	1430-02	1709-02
19C*	1 3/8	1.360-1.425	1648-00	1438-02	1433-02	1709-02
19A	1 1/2	1.426-1.589	1649-00	1437-02	1434-02	1709-02
21	1 7/8	1.790-1.850	1650-00	1422-02	1440-02	1473-02

\*Stainless Steel knurled nut and base washer.

# Stems



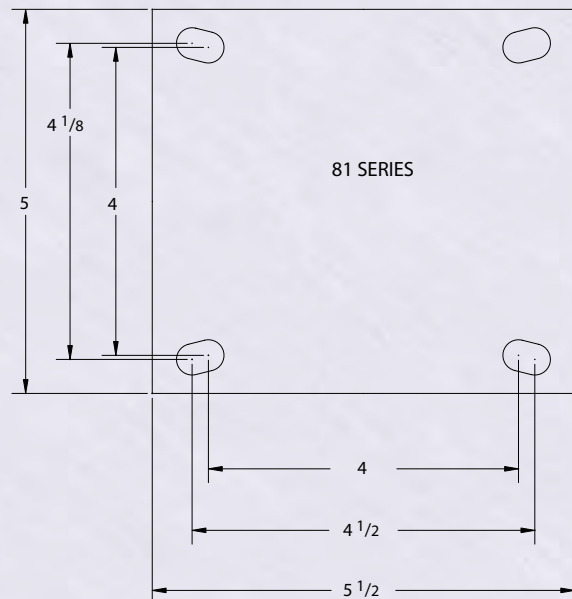
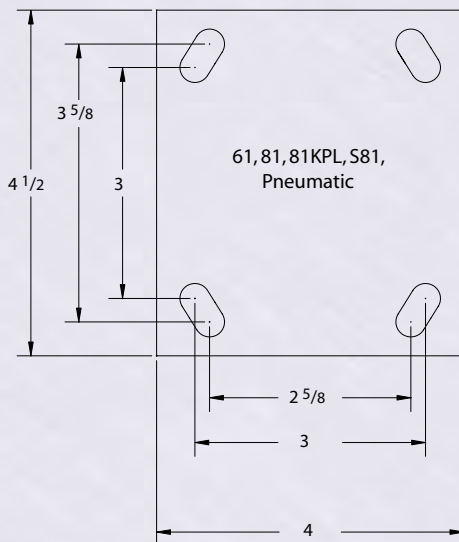
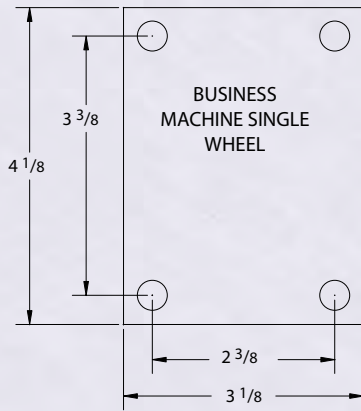
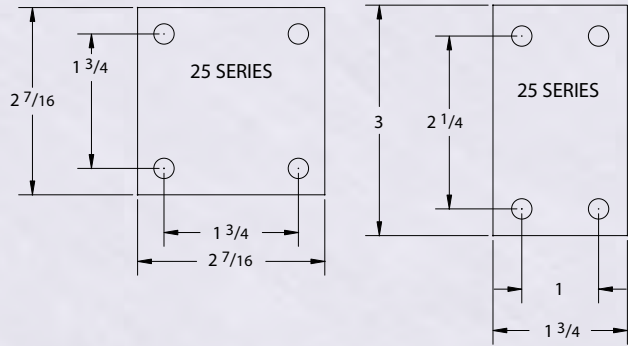
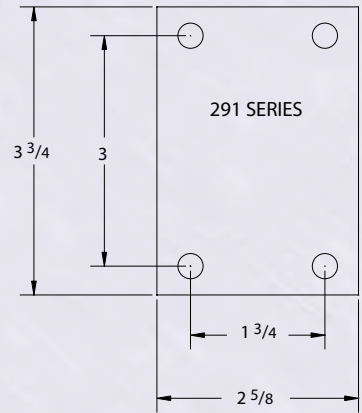
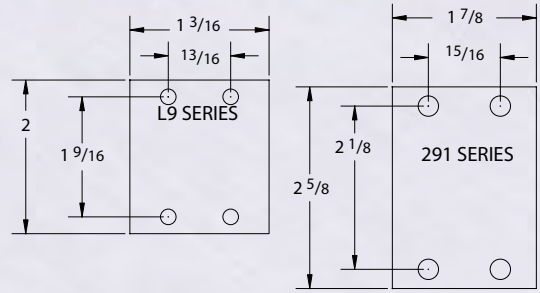
ID Code	Series	Stem Type	Stem Size
A	L2	Plain	For metal sockets 7/16" diameter x 1-29/32" long
F	L5	Ladder Style	5/16" diameter – 18 x 4-3/4" long with 5/8" thread length at top of stem; bottom stem flange is 9/16" diameter x 1-13/16" long
B	L3, Business Machine Dual / Single, 14	Spring Ring	7/16" diameter x 1-3/8" long
I	Business Machine Single Wide Wheel	Spring Ring	7/8" diameter x 2-3/16"
O	14	Spring Ring	7/16" diameter x 1-15/16" long
U	34, 134	Spring Ring	3/4" diameter x 2-3/16" long
Y	34, 134	Spring Ring	13/16" diameter x 2-3/16" long
X	34, 50MG, 50HN, 134	Spring Ring	.845" diameter x 2-3/16" long
Y	34, 50MG, 50HN, 134, S34	Spring Ring	.865" diameter x 2-3/16" long
Z	34, 134	Spring Ring	1" diameter x 2-3/16" long
C	L4	Threaded	5/16" diameter – 18 x 3/4" long
D	L4	Threaded	3/8" diameter – 16 x 1" long
E	L4, 13	Threaded	3/8" diameter – 16 x 1-1/2" long
M	Shopping Cart, 13	Threaded	1/2" – 13 x 1" long
H	Business machine Single, 13	Threaded	1/2" – 13 x 1-1/2" long
L	13	Threaded	7/16 diameter – 14 x 1-1/2" long
N	13	Threaded	1/2" diameter – 13 x 2-3/4" long
G	36, 50MG, 50HN, 134	Threaded	1/2" diameter – 13 x 3/4" long
M	36, 56, 50MG, 50HN, 134	Threaded	1/2" diameter – 13 x 1" long
H	36, 56, 50MG, 50HN, 134, S34	Threaded	1/2" diameter – 13 x 1-1/2" long
AA	36, 50MG, 50HN, 134	Threaded	1/2" diameter – 20 x 3/4" long
BB	36, 50MG, 50HN, 134	Threaded	1/2" diameter – 20 x 2-1/4" long
CC	36, 50MG, 50HN, 134	Threaded	5/8" diameter – 11 x 1-1/4" long
DD	36, 50MG, 50HN, 134	Threaded	5/8" diameter – 18 x 1-3/4" long
EE	36, 50MG, 50HN, 134	Threaded	3/4" diameter – 10 x 1" long
GG	56	Threaded	3/4" diameter – 10 x 1-3/4" long
P	17, 38	Pipe Thread	1/2" Pipe Thread (3/4" actual stem diameter)
Q	17, 38	Pipe Thread	3/4" Pipe Thread (1" actual stem diameter)
R	17, 38	Pipe Thread	1" Pipe Thread (1-1/4" actual stem diameter)
S	17, 38	Pipe Thread	1-1/4" diameter (1-1/2" actual stem diameter)
T	19, 32	Octagon	3/4" diameter by 2" long



## STEM OPTIONS

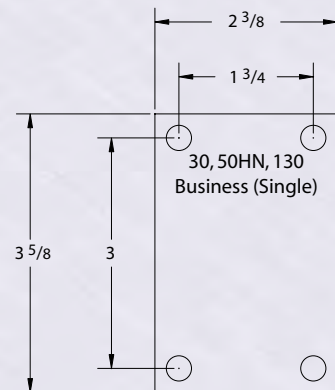
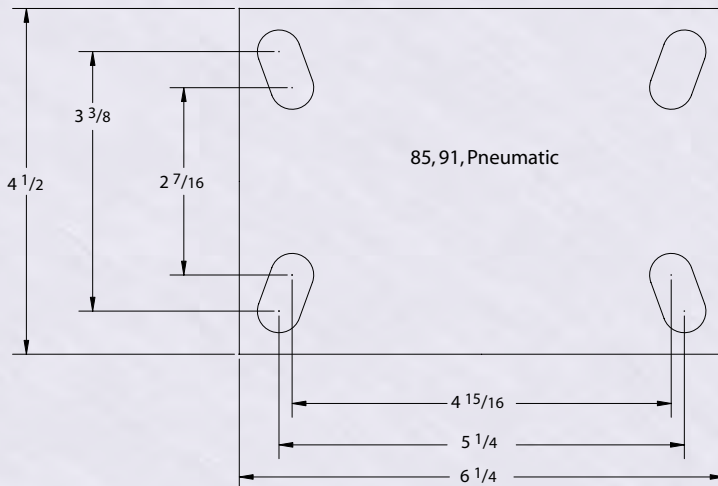
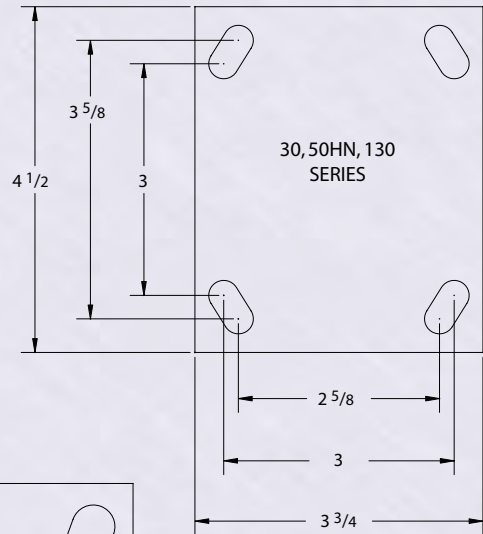
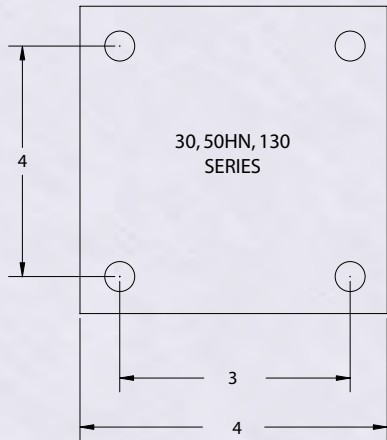
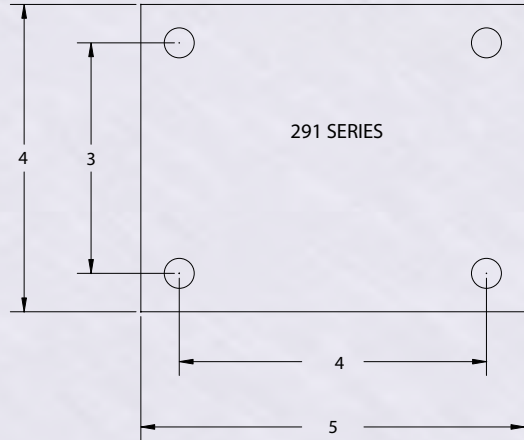
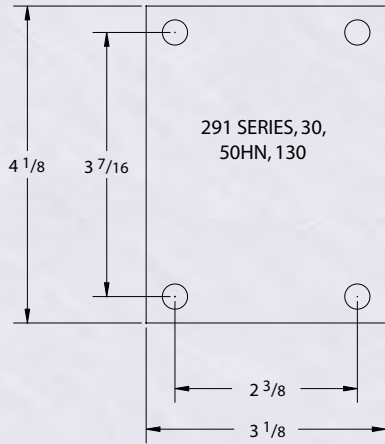
# Top Plates

Series	Top Plate Size	Bolt Hole Spacing	Mounting Bolt Size
L9	1-3/16" x 2"	13/16" x 1-9/16"	3/16"
291	1-7/8" x 2-5/8"	15/16" x 2-1/8"	1/4"
291	2-5/8" x 3-3/4"	1-3/4" x 3"	5/16"
291, 30, 50HN, 130	3-1/8" x 4-1/8"	2-3/8" x 3-7/16"	5/16"
291	4" x 5"	3" x 4"	3/8"
Business (Dual), 25, 30, S30, 50, 50N, 50MG, 50HN, 130	2-3/8" x 3-5/8"	1-3/4" x 3"	5/16"
30, 50HN, 130	2-3/8" x 3-5/8"	1-3/4" x 3"	1/4"
Business (Single)	3-1/8" x 4-1/8"	2-3/8" x 3-3/8"	3/8"
25	1-3/4" x 3"	1" x 2-1/4"	1/4"
25	2-7/16" x 2-7/16"	1-3/4" x 1-3/4"	1/4"
30, 50HN, 130	3-3/4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
30, 50HN, 130	4" x 4"	3" x 3"	3/8"
61, 81, 81KPL, S81, Pneumatic	4" x 4-1/2"	2-5/8" x 3-5/8" to 3" x 3"	3/8"
81	5" x 5-1/2"	4-1/8" x 4-1/2" to 4" x 4"	
85, 91, Pneumatic	4-1/2" x 6-1/4"	2-7/16" x 4-15/16" to 3-3/8" x 5-1/4"	1/2"



TOP PLATE OPTIONS

# Top Plates



TOP PLATE OPTIONS