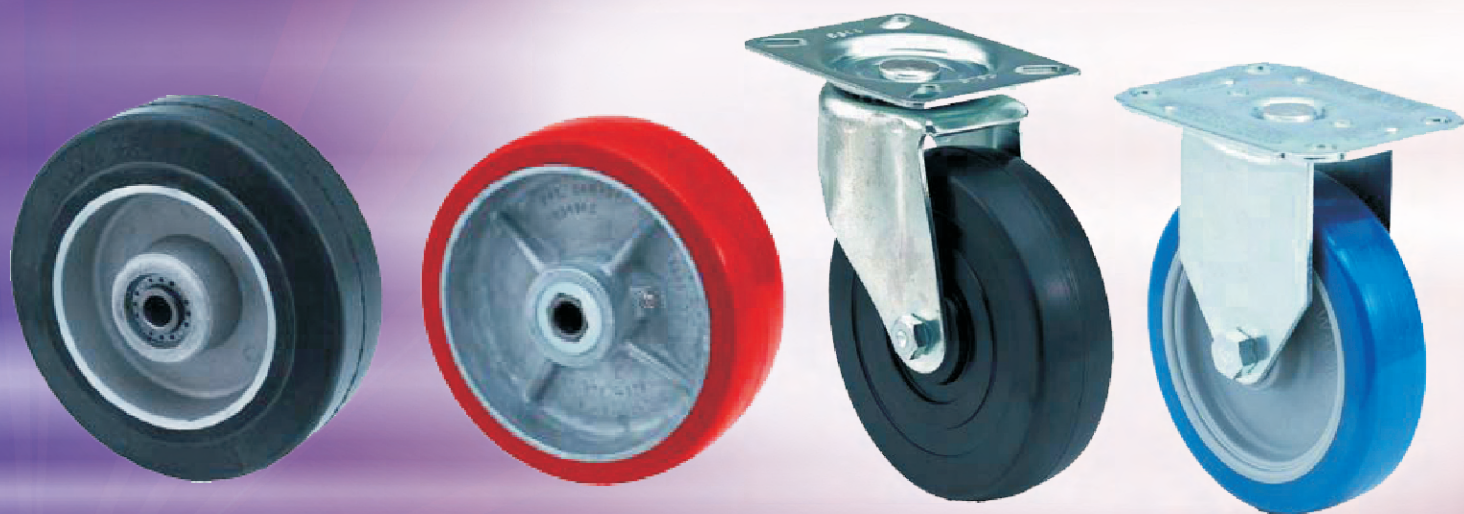


# **E. R. Wagner**

**By**

# **SERVICE CASTER CORP.**

**1-800-215-8220**



**Service Caster Corp., 9 First Avenue, West Reading, PA 19611**

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# Selecting a Caster

## Load Rating

Each Wagner caster and wheel carries a maximum recommended load capacity, based on manual operation with intermittent service at speeds of two miles per hour. Wagner load ratings are in accordance with Institute of Caster and Wheel Manufacturers (ICWM) recommendations.

## Wheel Size and Tread Hardness

Generally, larger diameter wheels roll easier and absorb shock better than smaller wheels. Wider wheel treads spread load for better floor protection but are harder to roll than narrow treads. Hard tread wheels have higher load capacity and roll easier than soft tread wheels which provide a cushioned ride and quiet operation.

## Floor Conditions

Soft tread wheels protect floors and offer quieter operation, though they are less suited for carpeted areas. Hard tread wheels are ideal for industrial locations where metal debris, steel grating, rough floors, and similar conditions exist.

## Installation

Installation is simple, with a variety of standard plate and stem mounts available to meet specific customer needs.

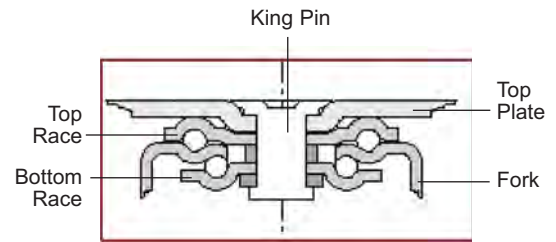
## Finish

All Wagner standard casters are zinc plated for attractive appearance and corrosion resistance. Other finishes are available upon request.

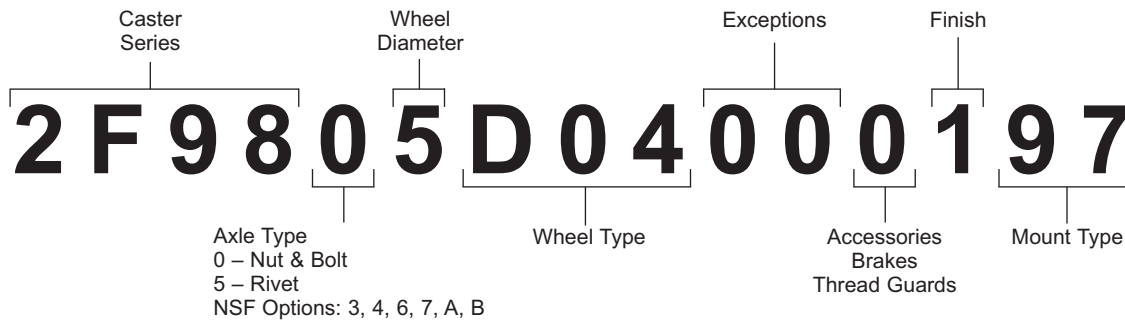
## Swivel Design

### Double Ball Swivel Race

This style features two sets of hardened, polished steel balls traveling in two hardened, lubricated raceways. Provides maximum swivel and load capacity and long life.

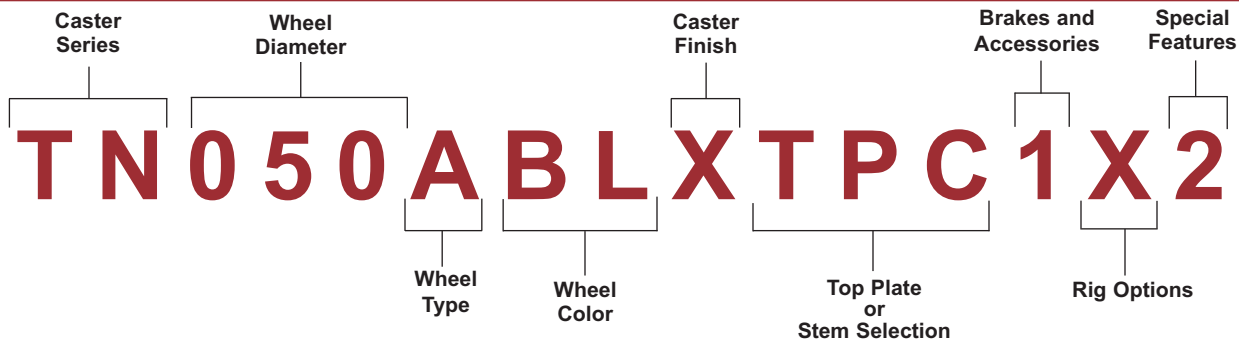


## CASTER NUMBERING SYSTEM



For Product on Pages; Bottom of 38, 40, 42.

## CASTER NUMBERING SYSTEM





# Selecting a Wheel

## HARD TREAD WHEELS

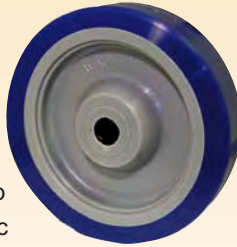
Hard tread wheels have greater load ratings than soft tread wheels, primarily because hard treads do not flatten as easily. As a result, they roll with less effort, swivel easier under heavy loads and take less compression set. Hard tread wheels are recommended for:

- Rolling ease
- Light to heavy loads
- Seldom moved applications, either light or heavy
- Carpeted areas
- Outdoors
- When quiet operation is not critical

Wagner offers seven different types of standard hard tread wheels: Poly II Urethane, Mold-on Polyurethane, Durafoam, Poly II Poly, Spartan Supreme, Duratex Phenolic, and Semi-steel.

## Poly II Urethane

This basic hard tread wheel has a polyurethane tread molded and mechanically locked to a polypropylene plastic hub. It offers excellent floor protection and abrasion resistance, rolling ease, quiet operation, and resistance to water, acids, oil, and most chemicals. Available with Delrin, ball, or roller wheel bearings. Tread hardness: 50 to 60 Shore D.



## Mold-On Polyurethane

This wheel has a polyurethane tread permanently molded and mechanically locked to an aluminum hub. It provides easy rolling, high load capacity, good floor protection, and long service life. Available in 2" tread with roller bearing. Tread hardness: 50 to 60 Shore D.



## Durafoam and Poly II Poly

These wheels are made of a polypropylene compound that is an excellent, multi-application performer. These wheels exhibit superior resistance to abrasion, compression set, acids, oils, grease, and impact. They provide easy rolling and good floor protection. Poly II Poly wheels are available in Delrin, ball, or roller bearings. Tread hardness: 75 to 85 Shore D.



## Spartan Supreme

This model features an all-hard rubber compound. It rolls effortlessly and is an economical and versatile choice for many applications. Tread hardness: 75 to 85 Shore D.



## Duratex

Generally considered to be the easiest rolling wheel, the Duratex wheel is molded of phenolic resin which is reinforced with fibrous material, generally canvas. It features a high load capacity and provides better floor protection than semi-steel wheels. Tread hardness: 102 Shore E.



## Semi-Steel

This super-tough wheel consists of cast iron enriched with steel. It rolls easily under heavy loads, has superior wear resistance, and takes shock impact well. It is not recommended where noise, shock protection of loads, or floor protection are of concern.



# Wheel Bearings

## Plain Bearings



These are the most economical bearings because the natural material of the wheel hub bore functions as the bearing. Plain bear-

ings are most common in plastic hub wheels because the plastic material has natural lubricistic properties. They are ideal for corrosive applications, require infrequent or no oil lubrication, and wear well.

## Sintered Bearings



These sintered metal sleeves are impregnated with oil and press fit into the wheel hub bore. They typically require infrequent or no oil lubrication, wear

well, and have good heat and cold resistant properties.

## Delrin® Bearings



These bearings are made of an engineered plastic material press fit into the wheel hub bore. They are very durable, corrosion resistant, and typically

require infrequent or no oil lubrication. Delrin is a registered trademark of DuPont.

## Roller Bearings



These bearings will carry a heavier load capacity and typically last longer than ball bearings. They provide good start-up and rolling ease and require periodic grease

lubrication. Roller bearings have hardened rollers and are inserted into a hardened split outer race which is inserted into the wheel bore. Roller bearings for 2" tread wheels include a wheel spanner bushing, which is not required for most other tread widths.

## Ball Bearings



Flanged ball bearings provide optimum start-up and rolling ease. Ball bearing wheels are recommended for use with load capacities up to 250 lbs.

## Precision Ball Bearings



Internally fitted precision ball bearings provide optimum start-up and rolling ease. Precision ball bearing wheels have higher

load capacities than do regular ball bearing wheels.

75 to 125 lb. capacity  
 $\frac{13}{16}$ " wheel tread width

# Light Duty Swivel Plate Casters

## STANDARD FEATURES

- **Light duty for general use.**
- **Double row swivel construction.**
- **$\frac{1}{4}$ " diameter rivet axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**



**SERIES 9F48**  
 Double Row Swivel Plate Caster  
 (9F4852004000192)



**SERIES 9F78**  
 Double Row Swivel Plate Caster  
 (Chrome-plated finish is standard)  
 (9F7852004000292)



**SERIES 1F40**  
 One-piece Rigid Caster  
 (1F40520040001AU)

## OPTIONS Consult Factory (Available for 9F48 Series only)

### Wheel Brake



- Side mount pinch type wheel brake available for all swivel models.
- Nut and bolt axle recommended for wheel brake casters.

### Thread Guards



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

### Other

Conductive Wheels  
 (2 x  $\frac{13}{16}$  and 3 x  $\frac{13}{16}$  Cushionex Supreme)

Chrome Plated Finish

Nut and Bolt Axle



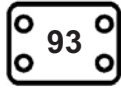
**SERIES 9F48**  
 Double Row Swivel Plate Caster  
 (9F4853B26000193)

\*\* Plate Code Number

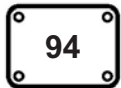
### Top Plate Choices



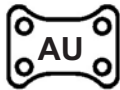
Overall Size: 1-3/16" x 2"  
Hole Spacing: 13/16" x 1-9/16"  
Hole Diameter: 1/4"  
Bolt Diameter: #10 Screw



Overall Size: 1-29/32" x 2-5/8"  
Hole Spacing: 15/16" x 2-1/8"  
Hole Diameter: 9/32"  
Bolt Diameter: 1/4"



Overall Size: 1-29/32" x 2-5/8"  
Hole Spacing: 1-13/32" x 2-1/8"  
Hole Diameter: 13/64"  
Bolt Diameter: 3/16"



Overall Size: 1-7/8" x 2-5/8"  
Hole Spacing: 31/32" x 1-7/8"  
Hole Diameter: 1/4"  
Bolt Diameter: #10 Screw  
(AU Plate is available for 2" Rigid Caster only.)

### Wheel Types



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Durafoam (Dished)**  
Black molded polypropylene.



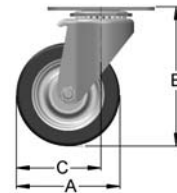
**Poly II Rubber**  
Gray thermoplastic rubber tread molded to black polypropylene core.



**Sintered Metal**  
Powdered iron compacted and sintered.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



A Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B Height (inches)	C Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Caster Part No.	Rigid Caster Part No.
<b>SERIES 9F48 SWIVEL AND 1F40 RIGID PLATE CASTERS</b>								
<b>CUSHIONEX SUPREME WHEEL</b>								
2	13/16	75	Delrin	2-5/8	1-7/8	1/2	9F48520040001**	1F40520040001AU
2-1/2	13/16	90	Delrin	3-3/16	2-1/8	1/2	9F48570040001**	-
3	13/16	100	Delrin	3-11/16	2-1/2	3/4	9F48530040001**	-
<b>POLY II RUBBER WHEEL</b>								
2	13/16	75	Plain	2-5/8	1-7/8	1/2	9F4852P260001**	1F4052P260001AU
3	13/16	100	Plain	3-11/16	2-1/2	3/4	9F4853P260001**	-
<b>SPARTAN SUPREME WHEEL</b>								
2	13/16	100	Delrin	2-5/8	1-7/8	1/2	9F48520090001**	1F40520090001AU
2-1/2	13/16	115	Delrin	3-3/16	2-1/8	1/2	9F48570090001**	-
3	13/16	125	Delrin	3-11/16	2-1/2	3/4	9F48530090001**	-
<b>DURAFOAM WHEEL</b>								
2	3/4	100	Plain	2-5/8	1-7/8	1/2	9F48521270001**	1F40521270001AU
2-1/2	13/16	115	Plain	3-3/16	2-1/8	1/2	9F48571270001**	-
3	3/4	125	Plain	3-11/16	2-1/2	1/2	9F48531270001**	-
<b>SINTERED METAL WHEEL</b>								
2	15/16	125	Plain	2-5/8	1-7/8	3/4	9F48520110001**	1F40520110001AU
<b>SERIES 9F78 DOUBLE BALL SWIVEL PLATE CASTERS</b>								
<b>CUSHIONEX SUPREME WHEEL</b>								
2	Ball	75	Sintered	2-11/16	1-7/8	1/2	9F7852004000292	-
<b>SPARTAN SUPREME WHEEL</b>								
2	Ball	100	Sintered	2-11/16	1-7/8	1/2	9F7852009000292	-

\*\* NOTE: For your plate choice, replace \*\* in part number with plate code number shown in plate choices.



75 to 125 lb.  
capacity  
 $\frac{13}{16}$ " wheel tread  
width

# Light Duty Swivel Stem Casters

## STANDARD FEATURES

- **Light duty for general use.**
- **$\frac{1}{4}$ " diameter rivet axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**



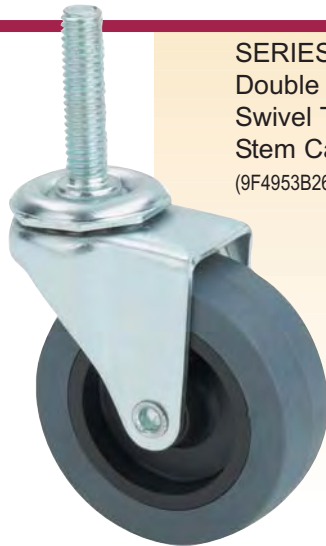
**SERIES 9F49**  
Double Row  
Swivel Threaded  
Stem Caster  
(9F4957004000107)



**SERIES 8F49**  
Double Row  
Swivel Threaded  
Ladder Stem  
Caster  
(8F4953004000180)



**SERIES 9F79**  
Double Row Swivel  
Friction Ring Stem  
Caster  
(Chrome-plated finish is  
standard)  
(9F7952004000201)



**SERIES 9F49**  
Double Row  
Swivel Threaded  
Stem Caster  
(9F4953B26000107)

## OPTIONS Consult Factory (Available for 9F49 Series only)

### Wheel Brake



- Side mount pinch type wheel brake available for all swivel models.
- Nut and bolt axle recommended for wheel brake casters.

### Thread Guards



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

### Other

Conductive Wheels  
(2 x  $\frac{13}{16}$  and 3 x  $\frac{13}{16}$  Cushionex Supreme)

Chrome-Plated Finish

## Wheel Types

	<b>Cushionex Supreme</b> Black soft rubber tread molded to black hard rubber core.		<b>Spartan Supreme</b> Black hard rubber tread molded to black hard rubber core.
	<b>Poly II Rubber</b> Gray thermoplastic rubber tread molded to black polypropylene core.		<b>Durafoam (Dished)</b> Black molded polypropylene.

## Stem Choices

### Friction Ring Stems



Stem Size Dia. x Length (D) x (L)	** Stem Code Number
7/16 x 1-3/8	01
7/16 x 1-29/32	03



### Round Stems

Stem Size Dia. x Length (D) (L)	** Stem Code Number
7/16 x 1-29/32	02

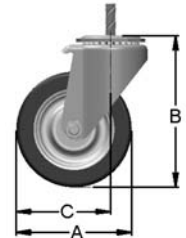


### Threaded Stems

Stem Size Dia. - TPI x Length (D (TPI) x (L))	** Stem Code Number
5/16-18 x 3/4	84
5/16-18 x 1	17
5/16-18 x 1-1/2	08
5/16-18 x 4.936	80
<b>Ladder Stem</b>	
3/8- 16 x 1	04
3/8- 16 x 1-1/2	07
1/2- 13 x 1-1/2	10

Other stem sizes available on request.

<b>A</b> Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	<b>B</b> Height (inches)	<b>C</b> Swivel Radius (inches)	Approximate Weight (pounds)	Caster Part No.
<b>SERIES 9F49 DOUBLE ROW SWIVEL STEM CASTERS</b>							
<b>CUSHIONEX SUPREME WHEEL</b>							
2	13/16	75	Delrin	2-1/2	1-7/8	1/2	9F49520040001**
2-1/2	13/16	90	Delrin	3-1/16	2-1/8	1/2	9F49570040001**
3	13/16	100	Delrin	3-9/16	2-1/2	3/4	9F49530040001**
<b>POLY II RUBBER WHEEL</b>							
2	13/16	75	Plain	2-1/2	1-7/8	1/2	9F4952P260001**
3	13/16	100	Plain	3-9/16	2-1/2	3/4	9F4953P260001**
<b>SPARTAN SUPREME WHEEL</b>							
2	13/16	100	Delrin	2-1/2	1-7/8	1/2	9F49520090001**
2-1/2	13/16	115	Delrin	3-1/16	2-1/8	1/2	9F49570090001**
3	13/16	125	Delrin	3-9/16	2-1/2	3/4	9F49530090001**
<b>DURAFOAM WHEEL</b>							
2	3/4	100	Plain	2-1/2	1-7/8	1/2	9F49521270001**
2-1/2	13/16	115	Plain	3-1/16	2-1/8	1/2	9F49571270001**
3	3/4	125	Plain	3-9/16	2-1/2	1/2	9F49531270001**
<b>SERIES 8F49 SWIVEL LADDER STEM CASTERS</b>							
<b>CUSHIONEX SUPREME WHEEL</b>							
2	13/16	75	Delrin	2-1/2	1-11/16	1/2	8F4952004000180
3	13/16	100	Delrin	3-1/2	2-9/16	3/4	8F4953004000180
<b>SERIES 9F79 DOUBLE ROW SWIVEL STEM CASTERS</b>							
<b>CUSHIONEX SUPREME WHEEL</b>							
2	Ball	75	Sintered	2-5/8	1-7/8	1/2	9F79520040002**
<b>SPARTAN SUPREME WHEEL</b>							
2	Ball	100	Sintered	2-5/8	1-7/8	1/2	9F79520090002**



\*\* NOTE: For your stem choice, replace \*\* in part number with stem code number shown in stem choices.

100 to 145 lb.  
capacity  
1" wheel tread  
width

# Light Duty Swivel and Rigid Plate Casters

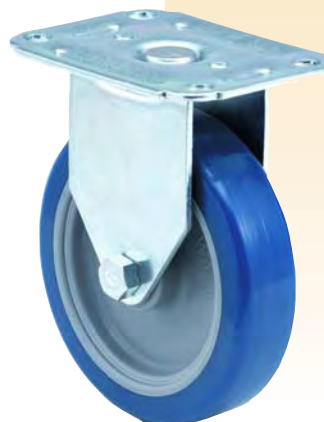


## STANDARD FEATURES

- **Light duty applications.**
- **Double row swivel construction.**
- **5/16" diameter nut and bolt axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**



**SERIES 2F68**  
Double Row Swivel  
Plate Caster  
(2F6804004000100)



**SERIES 1F63**  
Two-Piece Rigid  
Plate Caster  
(1F6304P25000100)

## OPTIONS Consult Factory

### Side Pinch Type Wheel Brake



- Side mount pinch type wheel brake available for all swivel models.

### Strap Type Wheel Brake



- Strap type wheel brake available for all swivel models.

### Trailing End Wheel Brake



- Positive lock, easy access tread type wheel brake. Field installable brake kits available.

### Thread Guards



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

### Other

- Economical Rivet Axle
- One Piece Rigid Casters
- Nickel-Plated Finish
- Delrin Bearing Available For All Poly II Wheels
- NSF Certified Casters Available



Rubber "O" Ring Swivel Raceway Grease Seal

**\*\* Plate Code Number**    **Top Plate Choices**



Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



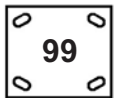
Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 2-5/8" to 3"  
Hole Diameter: 11/32" x 1/2" slots  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 1-3/4" x 3" to 2-3/8" x 3-3/8"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 2-3/8" x 3-7/16"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



Overall Size: 3-3/4" x 4-5/8"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"

**Wheel Types**



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



**Poly II Rubber**  
Dark gray thermoplastic rubber tread molded to light gray polypropylene core.



**Durafoam (Solid)**  
Black molded polypropylene.



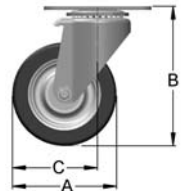
**Poly II Urethane**  
Dark blue polyurethane tread molded to light gray polypropylene core.



**Durafoam (Dished)**  
Black molded polypropylene.

**SERIES 2F68 SWIVEL AND 1F63 RIGID PLATE CASTERS**

<b>A</b> Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	<b>B</b> Height (inches)	<b>C</b> Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Caster Part No.	Rigid Caster Part No.
<b>CUSHIONEX SUPREME WHEEL</b>								
3	1	100	Delrin	3-13/16	2-3/4	1-1/4	2F68030040001**	1F63030040001**
4	1	115	Delrin	4-13/16	3-1/4	1-1/2	2F68040040001**	1F63040040001**
5	1	125	Delrin	5-13/16	4	2	2F68050040001**	1F63050040001**
<b>POLY II RUBBER WHEEL</b>								
3	1	125	Plain	3-13/16	2-3/4	1	2F6803P260001**	1F6303P260001**
4	1	135	Plain	4-13/16	3-1/4	1-1/4	2F6804P260001**	1F6304P260001**
5	1	145	Plain	5-13/16	4	1-1/2	2F6805P260001**	1F6305P260001**
<b>SPARTAN SUPREME WHEEL</b>								
3	1	125	Delrin	3-13/16	2-3/4	1-1/4	2F68030090001**	1F63030090001**
4	1	140	Delrin	4-13/16	3-1/4	1-1/2	2F68040090001**	1F63040090001**
5	1	145	Delrin	5-13/16	4	2	2F68050090001**	1F63050090001**
<b>DURAFOAM WHEEL</b>								
3	1	125	Plain	3-13/16	2-3/4	1	2F68030270001**	1F63030270001**
4	1	140	Plain	4-13/16	3-1/4	1-1/4	2F68040270001**	1F63040270001**
5	1	145	Plain	5-13/16	4	1-1/2	2F68050270001**	1F63050270001**
<b>POLY II URETHANE WHEEL</b>								
3	1	125	Plain	3-13/16	2-3/4	1	2F6803P250001**	1F6303P250001**
4	1	140	Plain	4-13/16	3-1/4	1-1/4	2F6804P250001**	1F6304P250001**
5	1	145	Plain	5-13/16	4	1-1/2	2F6805P250001**	1F6305P250001**



\*\* NOTE: For your plate choice, replace \*\* in part number with plate code number shown in top plate choices.

100 to 145 lb. capacity  
1" wheel tread width

# Light Duty Swivel Stem Casters



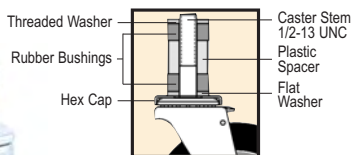
## STANDARD FEATURES

- **Light duty applications.**
- **Double row swivel construction.**
- **5/16" diameter nut and bolt axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**
- **Assembly wrench 8G00022297**



## OPTIONS Consult Factory

### Expandable Stem Adapters



These stems will fit a variety of round and square tubing sizes. They feature a top-mounted, easily accessible hex cap for ease of assembly and tightening. The two rubber bushings permit easy tightening in tubing, while the plastic spacer adds stability to the assembly.

### LIGHT DUTY ADAPTERS (For 2F69 Series Casters)

Factory Installed Code #	Expandable Kit Model No.	Fits Tubing I.D. Size
E1	2F000233894	0.750" to 0.999"
E2	2F000233994	1.000" to 1.249"
E3	2F000234094	1.250" to 1.499"
E4	2F000234194	1.500" to 1.749"

Specify stem code number 25 in caster part number. Casters and expandable stem kits can be ordered separately or factory can install expandable adapter onto the caster.

### Strap Type Brake



### Side Pinch Type Wheel Brake



- Brakes available for all models.

### Trailing End Wheel Brake



- Positive lock, easy access tread type wheel brake. Field installable brake kits available.

### Thread Guards



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

### Other

Economical Rivet Axle  
Nickel-Plated Finish  
Delrin Bearing Available For All Poly II Wheels  
NSF Certified Casters Available



Rubber "O" Ring Swivel Raceway Grease Seal

## Stem Choices

### Friction Ring Stems Threaded Stems

Stem Size Dia. x Length (D) x (L)	** Stem Code Number	Stem Size Dia. -TPI x Length (D) (TPI) x (L)	** Stem Code Number
7/16 x 1-3/8	01	3/8- 16 x 1	04
7/16 x 1-29/32	03	3/8- 16 x 1-1/2	07
5/8 x 2-3/16	ZW	7/16-14 x 7/8	23
13/16 x 1-3/4	37	7/16-14 x 1-1/2	05
		1/2- 13 x 3/4	06
		1/2- 13 x 1	61
		1/2- 13 x 1-1/2	10
		1/2- 13 x 2-1/2	25



### Octagon Stems

Stem Size Dia. x Length (D) x (L)	Hole Size	Hole Location (A)	** Stem Code Number
.750 x 2	3 @ .265"	1"	.375" 74
.860 x 2	1 @ .265"	1"	- 36



Other stem sizes available on request.

## Wheel Types



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



**Poly II Rubber**  
Dark gray thermoplastic rubber tread molded to light gray polypropylene core.



**Durafoam (Solid)**  
Black molded polypropylene.



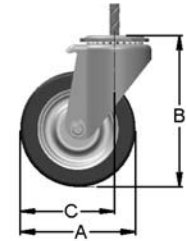
**Poly II Urethane**  
Dark blue polyurethane tread molded to light gray polypropylene core.



**Durafoam (Dished)**  
Black molded polypropylene.

## SERIES 2F69 SWIVEL STEM CASTERS

<b>A</b> Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	<b>B</b> Height (inches)	<b>C</b> Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Caster Part No.
<b>CUSHIONEX SUPREME WHEEL</b>							
3	1	100	Delrin	3-3/4	2-3/4	1-1/4	2F69030040001**
4	1	115	Delrin	4-11/16	3-1/4	1-1/2	2F69040040001**
5	1	125	Delrin	5-11/16	4	2	2F69050040001**
<b>POLY II RUBBER WHEEL</b>							
3	1	125	Plain	3-3/4	2-3/4	1	2F6903P260001**
4	1	135	Plain	4-11/16	3-1/4	1-1/4	2F6904P260001**
5	1	145	Plain	5-11/16	4	1-1/2	2F6905P260001**
<b>SPARTAN SUPREME WHEEL</b>							
3	1	125	Delrin	3-3/4	2-3/4	1-1/4	2F69030090001**
4	1	140	Delrin	4-11/16	3-1/4	1-1/2	2F69040090001**
5	1	145	Delrin	5-11/16	4	2	2F69050090001**
<b>DURAFOAM WHEEL</b>							
3	1	125	Plain	3-3/4	2-3/4	1	2F69030270001**
4	1	140	Plain	4-11/16	3-1/4	1-1/4	2F69040270001**
5	1	145	Plain	5-11/16	4	1-1/2	2F69050270001**
<b>POLY II URETHANE WHEEL</b>							
3	1	125	Plain	3-3/4	2-3/4	1	2F6903P250001**
4	1	140	Plain	4-11/16	3-1/4	1-1/4	2F6904P250001**
5	1	145	Plain	5-11/16	4	1-1/2	2F6905P250001**



\*\* NOTE: For your stem choice, replace \*\* in part number with stem code number shown in stem choices.

120 to 280 lb. capacity  
 1 1/4" wheel tread width

# Light-Medium Duty Swivel and Rigid Plate Casters



**STANDARD FEATURES**

- **Light-medium duty applications.**
- **Double row swivel construction.**
- **5/16" diameter nut and bolt axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**



**SERIES 2F98**  
 Double Row Swivel Plate Caster  
 (2F9804B25000100)



**SERIES 1F93**  
 Two-Piece Rigid Plate Caster  
 (1F9304009000100)

**OPTIONS Consult Factory**

**Strap Type Wheel Brake**



- Strap type wheel brake available for all swivel models.

**Side Pinch Type Wheel Brake**



- Side mount pinch type wheel brake available for all swivel models.

**Trailing End Wheel Brake**



- Positive lock, easy access tread type wheel brake. Field installable brake kits available.

**Thread Guards**



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

**Other**




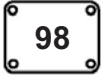


- Nickel-Plated Finish
- One Piece Rigid Casters
- Economical Rivet Axle
- NSF Certified Casters Available



- Rubber "O" Ring Swivel
- Raceway Grease Seal

**\*\* Plate Code Number**

**Top Plate Choices**

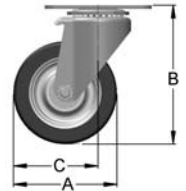
	Overall Size: 2-3/4" x 3-3/4" Hole Spacing: 1-3/4" x 3" Hole Diameter: 11/32" Bolt Diameter: 5/16"
	Overall Size: 2-3/4" x 3-3/4" Hole Spacing: 1-3/4" x 2-5/8" to 3" Hole Diameter: 11/32" x 1/2" slots Bolt Diameter: 5/16"
	Overall Size: 3-1/8" x 4-1/8" Hole Spacing: 1-3/4" x 3" to 2-3/8" x 3-3/8" Hole Diameter: 3/8" x 3/4" slots Bolt Diameter: 5/16"
	Overall Size: 3-1/8" x 4-1/8" Hole Spacing: 2-3/8" x 3-7/16" Hole Diameter: 11/32" Bolt Diameter: 5/16"
	Overall Size: 3-3/4" x 4-5/8" Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3" Hole Diameter: 3/8" x 3/4" slots Bolt Diameter: 5/16"
	Overall Size: 2-1/2" x 5" Hole Spacing: 1-1/16" x 3-15/32" to 1-3/16" x 4" Hole Diameter: 11/32" x 39/64" slots Bolt Diameter: 5/16" AT top plate is available for rigid casters only.

**Wheel Types**

	<b>Cushionex Supreme</b> Black soft rubber tread molded to black hard rubber core.		<b>Durafoam (Solid)</b> Black molded polypropylene. (2-1/2" wheel is dished type.)
	<b>Poly II Rubber</b> Dark gray thermoplastic rubber tread molded to light gray polypropylene core.		<b>Poly II Urethane</b> Dark blue polyurethane tread molded to light gray polypropylene core.
	<b>Spartan Supreme</b> Black hard rubber tread molded to black hard rubber core.		<b>Duratex Phenolic</b> Black phenolic resin reinforced with macerated fabric.
	<b>Poly II Poly</b> Black polypropylene tread molded to black polypropylene core.		<b>Sintered Metal</b> Powdered iron compacted and sintered.
	<b>Durafoam (Dished)</b> Black molded polypropylene.		

**SERIES 2F98 SWIVEL AND 1F93 RIGID PLATE CASTERS**

<b>A</b> Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	<b>B</b> Height (inches)	<b>C</b> Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Caster Part No.	Rigid Caster Part No.
<b>CUSHIONEX SUPREME WHEEL</b>								
2-1/2	1-1/8	120	Sintered	3-7/16	2-1/4	1	2F98070040001**	1F93070040001**
3	1-1/4	125	Delrin	3-3/4	2-3/8	1-1/4	2F98030040001**	1F93030040001**
4	1-1/4	165	Delrin	4-11/16	3-3/8	1-1/2	2F98040040001**	1F93040040001**
5	1-1/4	190	Delrin	5-5/8	4-1/8	2-1/4	2F98050040001**	1F93050040001**
<b>POLY II RUBBER WHEEL</b>								
3	1-1/4	210	Delrin	3-3/4	2-3/8	1	2F9803B260001**	1F9303B260001**
3-1/2	1-1/4	250	Delrin	4-7/16	3-1/8	1-1/4	2F9809M260801**	1F9309M260801**
4	1-1/4	275	Delrin	4-11/16	3-3/8	1-1/2	2F9804B260001**	1F9304B260001**
5	1-1/4	280	Delrin	5-5/8	4-1/8	1-3/4	2F9805B260001**	1F9305B260001**
<b>SPARTAN SUPREME WHEEL</b>								
2-1/2	1-1/8	175	Sintered	3-7/16	2-1/4	1	2F98070090001**	1F93070090001**
3	1-1/4	210	Delrin	3-3/4	2-3/8	1-1/4	2F98030090001**	1F93030090001**
4	1-1/4	255	Delrin	4-11/16	3-3/8	1-1/2	2F98040090001**	1F93040090001**
5	1-1/4	280	Delrin	5-5/8	4-1/8	2-1/4	2F98050090001**	1F93050090001**
<b>DURAFOAM WHEEL</b>								
2-1/2	1-1/4	175	Plain	3-7/16	2-1/4	1	2F98071270001**	1F93071270001**
3	1-1/4	210	Plain	3-3/4	2-3/8	1	2F98030270001**	1F93030270001**
4	1-1/4	255	Plain	4-11/16	3-3/8	1-1/4	2F98040270001**	1F93040270001**
5	1-1/4	280	Plain	5-5/8	4-1/8	1-1/2	2F98050270001**	1F93050270001**
<b>POLY II POLY WHEEL</b>								
3	1-1/4	210	Delrin	3-3/4	2-3/8	1	2F9803B270001**	1F9303B270001**
3-1/2	1-1/4	250	Delrin	4-7/16	3-1/8	1-1/4	2F9809M270801**	1F9309M270801**
4	1-3/8	275	Delrin	4-11/16	3-3/8	1-1/2	2F9804B270001**	1F9304B270001**
5	1-3/8	280	Delrin	5-5/8	4-1/8	1-3/4	2F9805B270001**	1F9305B270001**
<b>POLY II URETHANE WHEEL</b>								
3	1-1/4	210	Delrin	3-3/4	2-3/8	1	2F9803B250001**	1F9303B250001**
3-1/2	1-1/4	250	Delrin	4-7/16	3-1/8	1-1/4	2F9809M250801**	1F9309M250801**
4	1-1/4	275	Delrin	4-11/16	3-3/8	1-1/2	2F9804B250001**	1F9304B250001**
5	1-1/4	280	Delrin	5-5/8	4-1/8	1-3/4	2F9805B250001**	1F9305B250001**
<b>DURATEX WHEEL</b>								
3	1-1/4	250	Plain	3-3/4	2-3/8	1-1/2	2F98030380001**	1F93030380001**
<b>SINTERED METAL WHEEL</b>								
2-1/2	1	175	Plain	3-7/16	2-1/4	1-1/2	2F98070110001**	1F93070110001**
3	1-5/32	250	Plain	3-3/4	2-3/8	2-1/4	2F98030110001**	1F93030110001**



\*\* NOTE: For your plate choice, replace \*\* in part number with plate code number shown in top plate choices.



120 to 280 lb. capacity  
 1¼" wheel tread width

# Light-Medium Duty Swivel Stem Casters



## STANDARD FEATURES

- **Light-medium duty applications.**
- **Double row swivel construction.**
- **5/16" diameter nut and bolt axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**
- **Assembly wrench 8G00022297**



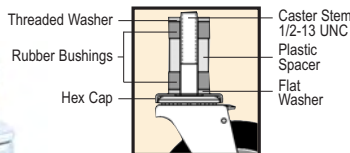
**SERIES 2F99**  
 Double Row Swivel Friction Ring Stem Caster  
 (2F9903004000101)



**SERIES 2F99**  
 Double Row Swivel Threaded Stem Caster  
 (2F9904B26000110)

## OPTIONS Consult Factory

### Expandable Stem Adapters



These stems will fit a variety of round and square tubing sizes. They feature a top-mounted, easily accessible hex cap for ease of assembly and tightening. The two rubber bushings permit easy tightening in tubing, while the plastic spacer adds stability to the assembly.

Specify stem code number 25 in caster part number. Casters and expandable stem kits can be ordered separately or factory can install expandable adapter onto the caster.

### LIGHT DUTY ADAPTERS (For 2F99 Series Casters)

Factory Installed Code #	Expandable Kit Model No.	Fits Tubing I.D. Size
E1	2F000233894	0.750" to 0.999"
E2	2F000233994	1.000" to 1.249"
E3	2F000234094	1.250" to 1.499"
E4	2F000234194	1.500" to 1.749"

### Strap Type Wheel Brake



### Side Pinch Type Wheel Brake



- Wheel brakes available for all swivel models.

### Trailing End Wheel Brake



- Positive lock, easy access tread type wheel brake. Field installable brake kits available.

### Thread Guards



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

### Other

Nickel-Plated Finish  
 Economical Rivet Axle  
 Delrin Bearing Available For All Poly II Wheels  
 NSF Certified Casters Available



Rubber "O" Ring Swivel Raceway Grease Seal

## Stem Choices

### Friction Ring Stems Threaded Stems

Stem Size Dia. x Length (D) x (L)	** Stem Code Number	Stem Size Dia. -TPI x Length (D (TPI) x (L)	** Stem Code Number
7/16 x 1-3/8	01	3/8- 16 x 1	04
7/16 x 1-29/32	03	3/8- 16 x 1-1/2	07
5/8 x 2-3/16	ZW	7/16-14 x 7/8	23
13/16 x 1-3/4	37	7/16-14 x 1-1/2	05
		1/2- 13 x 3/4	06
		1/2- 13 x 1	61
		1/2- 13 x 1-1/2	10
		1/2- 13 x 2-1/2	25



### Octagon Stems

Stem Size Dia. x Length (D) x (L)	Hole Size	Hole Location (A)	** Stem Code Number
.750 x 2	3 @ .265"	1"	.375" 74
.860 x 2	1 @ .265"	1"	- 36



Other stem sizes available on request.

## Wheel Types



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Durafoam (Solid)**  
Black molded polypropylene.



**Poly II Rubber**  
Dark gray thermoplastic rubber tread molded to light gray polypropylene core.



**Poly II Poly**  
Black polypropylene tread molded to black polypropylene core.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



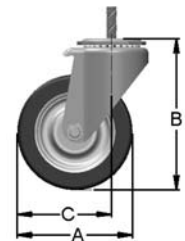
**Poly II Urethane**  
Dark blue polyurethane tread molded to light gray polypropylene core.



**Durafoam (Dished)**  
Black molded polypropylene.

## SERIES 2F99 SWIVEL STEM CASTERS

A Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B Height (inches)	C Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Caster Part No.
<b>CUSHIONEX SUPREME WHEEL</b>							
2-1/2	1-1/8	120	Sintered	3-5/16	2-1/4	1	2F99070040001**
3	1-1/4	125	Delrin	3-5/8	2-3/8	1-1/4	2F99030040001**
4	1-1/4	165	Delrin	4-1/2	3-3/8	1-1/2	2F99040040001**
5	1-1/4	190	Delrin	5-1/2	4-1/8	2-1/4	2F99050040001**
<b>POLY II RUBBER WHEEL</b>							
3	1-1/4	210	Delrin	3-5/8	2-3/8	1	2F9903B260001**
3-1/2	1-1/4	250	Delrin	4-1/4	3-1/8	1-1/4	2F9909M260801**
4	1-1/4	275	Delrin	4-1/2	3-3/8	1-1/2	2F9904B260001**
5	1-1/4	280	Delrin	5-1/2	4-1/8	1-3/4	2F9905B260001**
<b>SPARTAN SUPREME WHEEL</b>							
2-1/2	1-1/8	175	Sintered	3-5/16	2-1/4	1	2F99070090001**
3	1-1/4	210	Delrin	3-5/8	2-3/8	1-1/4	2F99030090001**
4	1-1/4	255	Delrin	4-1/2	3-3/8	1-1/2	2F99040090001**
5	1-1/4	280	Delrin	5-1/2	4-1/8	2-1/4	2F99050090001**
<b>DURAFOAM WHEEL</b>							
2-1/2	1-1/4	175	Plain	3-5/16	2-1/4	1	2F99071270001**
3	1-1/4	210	Plain	3-5/8	2-3/8	1	2F99030270001**
4	1-1/4	255	Plain	4-1/2	3-3/8	1-1/4	2F99040270001**
5	1-1/4	280	Plain	5-1/2	4-1/8	1-1/2	2F99050270001**
<b>POLY II POLY WHEEL</b>							
3	1-1/4	210	Delrin	3-5/8	2-3/8	1	2F9903B270001**
3-1/2	1-1/4	250	Delrin	4-1/4	3-1/8	1-1/4	2F9909M270801**
4	1-3/8	275	Delrin	4-1/2	3-3/8	1-1/2	2F9904B270001**
5	1-3/8	280	Delrin	5-1/2	4-1/8	1-3/4	2F9905B270001**
<b>POLY II URETHANE WHEEL</b>							
3	1-1/4	210	Delrin	3-5/8	2-3/8	1	2F9903B250001**
3-1/2	1-1/4	250	Delrin	4-1/4	3-1/8	1-1/4	2F9909M250801**
4	1-1/4	275	Delrin	4-1/2	3-3/8	1-1/2	2F9904B250001**
5	1-1/4	280	Delrin	5-1/2	4-1/8	1-3/4	2F9905B250001**



\*\* NOTE: For your stem choice, replace \*\* in part number with stem code number shown in stem choices.

200 to 400 lb. capacity  
 1<sup>3</sup>/<sub>8</sub>" to 1<sup>1</sup>/<sub>2</sub>" wheel tread width

# Medium Duty Swivel and Rigid Plate Casters



## STANDARD FEATURES

- **Medium duty applications.**
- **Double row swivel construction.**
- **3/8" diameter nut and bolt axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**



**SERIES 1F28**  
 Double Row Swivel Plate Caster  
 (1F2804027000197)



**SERIES 1F23**  
 Two-Piece Rigid Plate Caster  
 (1F2304B25000197)

## OPTIONS Consult Factory

### Side Pinch Type Wheel Brake



- Side mount pinch type wheel brake available for all swivel models.

### Thread Guards



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

### Roller Bearing Wheels

For all Poly II wheel sizes and tread types.



### Ball Bearing Wheels

For all Poly II wheel sizes and tread types. Recommended for load capacities of 250 lbs. or less.



### Other

- Economical Rivet Axle
- Nickel-Plated Finish
- NSF Certified Casters Available

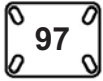


\*\* Plate Code Number

### Top Plate Choices



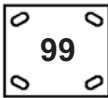
Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 1-3/4" x 3" to 2-3/8" x 3-3/8"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 2-3/8" x 3-7/16"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



Overall Size: 3-3/4" x 4-5/8"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"

### Wheel Types



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Durafoam (Solid)**  
Black molded polypropylene.



**Poly II Rubber**  
Dark gray thermoplastic rubber tread molded to light gray polypropylene core.



**Poly II Poly**  
Black polypropylene tread molded to black polypropylene core.



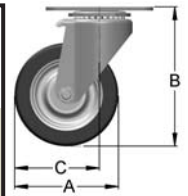
**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



**Poly II Urethane**  
Dark blue polyurethane tread molded to light gray polypropylene core.

### SERIES 1F28 SWIVEL AND 1F23 RIGID PLATE CASTERS

A Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B Height (inches)	C Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Caster Part No.	Rigid Caster Part No.
<b>CUSHIONEX SUPREME WHEEL</b>								
4	1-3/8	200	Delrin	5-1/16	3-3/8	2-1/2	1F28040040001**	1F23040040001**
5	1-3/8	240	Delrin	6-1/16	3-15/16	3	1F28050040001**	1F23050040001**
6	1-3/8	280	Delrin	7-1/16	4-15/16	4	1F28060040001**	1F23060040001**
<b>POLY II RUBBER WHEEL</b>								
4	1-1/2	275	Delrin	5-1/16	3-3/8	2	1F2804B260001**	1F2304B260001**
5	1-1/2	300	Delrin	6-1/16	3-15/16	2-1/4	1F2805B260001**	1F2305B260001**
6	1-1/2	300	Delrin	7-1/16	4-15/16	2-1/2	1F2806B260001**	1F2306B260001**
<b>SPARTAN SUPREME WHEEL</b>								
4	1-3/8	300	Delrin	5-1/16	3-3/8	2-1/2	1F28040090001**	1F23040090001**
5	1-3/8	350	Delrin	6-1/16	3-15/16	3	1F28050090001**	1F23050090001**
6	1-3/8	400	Delrin	7-1/16	4-15/16	4	1F28060090001**	1F23060090001**
<b>DURAFOAM WHEEL</b>								
4	1-3/8	300	Plain	5-1/16	3-3/8	2	1F28040270001**	1F23040270001**
5	1-3/8	350	Plain	6-1/16	3-15/16	2-1/4	1F28050270001**	1F23050270001**
6	1-3/8	400	Plain	7-1/16	4-15/16	2-3/4	1F28060270001**	1F23060270001**
<b>POLY II POLY WHEEL</b>								
4	1-3/8	375	Delrin	5-1/16	3-3/8	2	1F2804B270001**	1F2304B270001**
5	1-3/8	400	Delrin	6-1/16	3-15/16	2-1/4	1F2805B270001**	1F2305B270001**
6	1-3/8	400	Delrin	7-1/16	4-15/16	2-1/2	1F2806B270001**	1F2306B270001**
<b>POLY II URETHANE WHEEL</b>								
4	1-1/2	375	Delrin	5-1/16	3-3/8	2	1F2804B250001**	1F2304B250001**
5	1-1/2	400	Delrin	6-1/16	3-15/16	2-1/4	1F2805B250001**	1F2305B250001**
6	1-1/2	400	Delrin	7-1/16	4-15/16	2-1/2	1F2806B250001**	1F2306B250001**



\*\* NOTE: For your plate choice, replace \*\* in part number with plate code number shown in top plate choices.

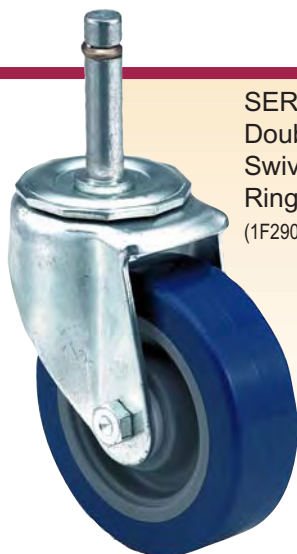
200 to 400 lb. capacity  
 1<sup>3</sup>/<sub>8</sub>" to 1<sup>1</sup>/<sub>2</sub>" wheel tread width

# Medium Duty Swivel Stem Casters



## STANDARD FEATURES

- **Medium duty applications.**
- **Double row swivel construction.**
- **3/8" diameter nut and bolt axle.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**
- **Assembly wrench 8G000192797**



**SERIES 1F29**  
 Double Row Swivel Friction Ring Stem Caster  
 (1F2904B25000103)



**SERIES 1F29**  
 Double Row Swivel Threaded Stem Caster  
 (1F2906004000161)

## OPTIONS Consult Factory

### Expandable Stem Adapters



These stems will fit a variety of round and square tubing sizes. They feature a top-mounted, easily accessible hex cap for ease of assembly and tightening. The two rubber bushings permit easy tightening in tubing, while the plastic spacer adds stability to the assembly.

### LIGHT DUTY ADAPTERS

(For 1F29 Series Casters)

Factory Installed Code #	Expandable Kit Model No.	Fits Tubing I.D. Size
E1	1F000233094	0.750" to 0.999"
E2	1F000233194	1.000" to 1.249"
E3	1F000233294	1.250" to 1.499"
E4	1F000233394	1.500" to 1.749"

Specify stem code number 25 in caster part number. Casters and expandable stem kits can be ordered separately or factory can install expandable adapter onto the caster.

### Side Pinch Type Wheel Brake



- Side mount pinch type wheel brake available for all swivel models.

### Thread Guards



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

### Roller Bearing Wheels

For all Poly II wheel sizes and tread types.



### Ball Bearing Wheels

For all Poly II wheel sizes and tread types. Recommended for load capacities of 250 lbs. or less.



### Other

Nickel-Plated Finish  
 Economical Rivet Axle  
 NSF Certified Casters Available



Rubber "O" Ring Swivel Raceway Grease Seal

## Stem Choices

### Friction Ring Stems Threaded Stems

Stem Size Dia. x Length (D) x (L)	** Stem Code Number	Stem Size Dia. -TPI x Length (D (TPI) x (L)	** Stem Code Number
7/16 x 1-29/32	03	1/2- 13 x 3/4	06
13/16 x 1-3/4	37	1/2- 13 x 1	61
1 x 2-1/2	ZX	1/2- 13 x 1-1/2	10
		5/8- 18 x 1-1/2	45
		3/4- 10 x 1-1/2	ZT
		1/2- 13 x 2-1/2	25



### Octagon Stems

Stem Size Dia. x Length (D) x (L)	Hole Size	Hole Location (A)	** Stem Code Number
.750 x 2	3 @ .265"	1"	.375" 74
.860 x 2	1 @ .265"	1"	- 36

## Wheel Types



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Durafoam (Solid)**  
Black molded polypropylene.



**Poly II Rubber**  
Dark gray thermoplastic rubber tread molded to light gray polypropylene core.



**Poly II Poly**  
Black polypropylene tread molded to black polypropylene core.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.

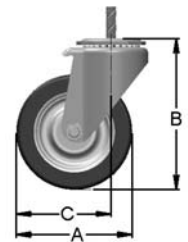


**Poly II Urethane**  
Dark blue polyurethane tread molded to light gray polypropylene core.

Other stem sizes available on request.

## SERIES 1F29 SWIVEL STEM CASTERS

A Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B Height (inches)	C Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Caster Part No.
<b>CUSHIONEX SUPREME WHEEL</b>							
4	1-3/8	200	Delrin	4-7/8	3-3/8	2-1/4	1F29040040001**
5	1-3/8	240	Delrin	5-7/8	3-15/16	2-3/4	1F29050040001**
6	1-3/8	280	Delrin	6-7/8	4-15/16	3-3/4	1F29060040001**
<b>POLY II RUBBER WHEEL</b>							
4	1-1/2	275	Delrin	4-7/8	3-3/8	1-3/4	1F2904B260001**
5	1-1/2	300	Delrin	5-7/8	3-15/16	2	1F2905B260001**
6	1-1/2	300	Delrin	6-7/8	4-15/16	2-1/4	1F2906B260001**
<b>SPARTAN SUPREME WHEEL</b>							
4	1-3/8	300	Delrin	4-7/8	3-3/8	2-1/4	1F29040090001**
5	1-3/8	350	Delrin	5-7/8	3-15/16	2-3/4	1F29050090001**
6	1-3/8	400	Delrin	6-7/8	4-15/16	3-3/4	1F29060090001**
<b>DURAFOAM WHEEL</b>							
4	1-3/8	300	Plain	4-7/8	3-3/8	1-3/4	1F29040270001**
5	1-3/8	350	Plain	5-7/8	3-15/16	2-3/4	1F29050270001**
6	1-3/8	400	Plain	6-7/8	4-15/16	2-1/2	1F29060270001**
<b>POLY II POLY WHEEL</b>							
4	1-3/8	375	Delrin	4-7/8	3-3/8	1-3/4	1F2904B270001**
5	1-3/8	400	Delrin	5-7/8	3-15/16	2	1F2905B270001**
6	1-3/8	400	Delrin	6-7/8	4-15/16	2-1/4	1F2906B270001**
<b>POLY II URETHANE WHEEL</b>							
4	1-1/2	375	Delrin	4-7/8	3-3/8	1-3/4	1F2904B250001**
5	1-1/2	400	Delrin	5-7/8	3-15/16	2	1F2905B250001**
6	1-1/2	400	Delrin	6-7/8	4-15/16	2-1/4	1F2906B250001**



\*\* NOTE: For your stem choice, replace \*\* in part number with stem code number shown in stem choices.

125 to 450 lb. capacity  
1 1/4" to 1 1/2" wheel tread width

# Americaster™ Institutional Series Swivel and Rigid Plate Casters, Swivel Stem Casters

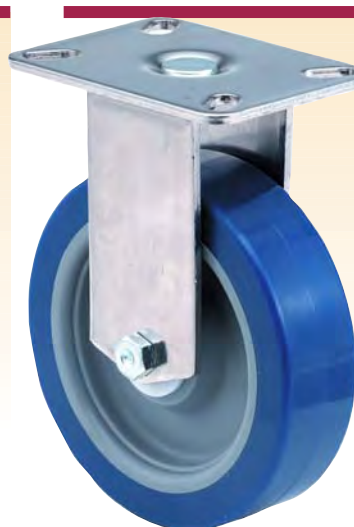


## STANDARD FEATURES

- **Medium duty applications.**
- **Double row swivel construction.**
- **3/8" diameter nut and bolt axle.**
- **Delrin wheel bearing offers a long life due to its resistance to thermal and chemical deterioration.**
- **Zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways.**
- **Assembly wrench 8G000192797**



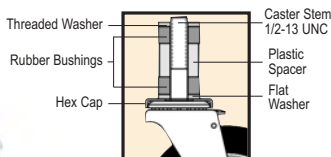
**SERIES 3F28**  
Swivel Plate Caster  
(3F2804D040001AM)



**SERIES 3F23**  
Two-piece Rigid Plate Caster  
(3F2304B2500797)

## OPTIONS Consult Factory

### Expandable Stem Adapters



These stems will fit a variety of round and square tubing sizes. They feature a top-mounted, easily accessible hex cap for ease of assembly and tightening. The two rubber bushings permit easy tightening in tubing, while the plastic spacer adds stability to the assembly.

### LIGHT DUTY ADAPTERS (For 3F09 and 3F29 Series Casters)

Factory Installed Code #	Expandable Kit Model No.	Fits Tubing I.D. Size
E1	1F000233094	0.750" to 0.999"
E2	1F000233194	1.000" to 1.249"
E3	1F000233294	1.250" to 1.499"
E4	1F000233394	1.500" to 1.749"

Specify stem code number 25 in caster part number. Casters and expandable stem kits can be ordered separately or factory can install expandable adapter onto the caster.

### Strap Type Wheel Brake



Positive lock wheel brake works equally well with all types of wheel bearings because it engages the top of the wheel tread rather than using a pinching type braking action. Available on wheel sizes from 3" to 6".  
Not recommended for use with Semi-Steel wheels.

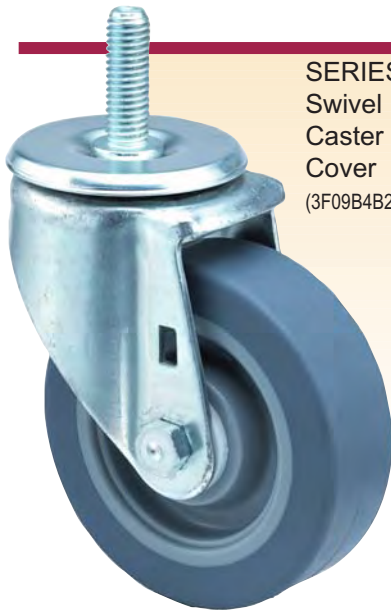
### Wheel Bearings



Roller Bearings are best suited to heavy load applications. They provide optimum start-up and rolling ease at both high and low speeds.



Ball Bearings provide optimum start-up and rolling for capacities of 250 lbs. or less.



**SERIES 3F09**  
Swivel Stem  
Caster with Dust  
Cover  
(3F09B4B26000110)

**OPTIONS Consult Factory**

**Grease Seal/  
Dust Cover**



Dust cover and grease seal options are available on all swivel models. The dust cover provides protection from dust and water. The grease seals are designed to protect both the upper and lower raceways by keeping the lubricant in and dirt and moisture out. Offers the ultimate in swivel bearing protection ensuring optimum performance and durability.

**Thread Guard**



- Prevents objects from wrapping on wheel axle and obstructing rotation.
- Cannot be used with wheel brake.
- Available for most wheels.

**Other**

Economical 3/8" Diameter  
Rivet Axle  
Nickel-Plated Finish  
NSF Certified Casters Available



**Wheel Types**



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Poly II Rubber**  
Dark gray thermoplastic rubber tread molded to light gray polypropylene core.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



**Poly II Poly**  
Black polypropylene tread molded to black polypropylene core.



**Poly II Urethane**  
Dark blue polyurethane tread molded to light gray polypropylene core.



**Duratex Phenolic**  
Black phenolic resin reinforced with macerated fabric.



**Semi-steel**  
Cast iron enriched with steel.



**Poly II Wheel Design**  
"Interlocking tunnels" allow the wheel tread material to flow through wheel core channels when molded, providing a mechanical lock which prevents tread separation from the core.

Americaster specifications are shown on pages 26 and 27.



# Americaster™ Institutional Series Swivel and Rigid Plate Casters, Swivel Stem Casters

<b>A</b>	Approximate	Caster	Wheel	<b>B</b>	<b>C</b>	Approximate	Swivel	Rigid	Swivel
Wheel Dia.	Tread Width	Capacity	Bearing	Height	Swivel Radius	Weight	Plate Caster	Plate Caster	Stem Caster
(inches)	(inches)	(pounds)	Type	(inches)	(inches)	(pounds)	Part No.	Part No.	Part No.
<b>CUSHIONEX SUPREME WHEEL</b>									
3-1/2	1-1/4	155	Delrin	4-5/8	3-3/16	2-1/4	3F0809D040001**	3F0309D040001**	3F0909D040001**
4	1-1/4	165	Delrin	5-1/8	3-3/8	2-1/2	3F0804D040001**	3F0304D040001**	3F0904D040001**
4	1-3/8	200	Delrin	5-3/8	3-3/8	2-3/4	3F2804D040001**	3F2304D040001**	3F2904D040001**
5	1-1/4	200	Delrin	6-1/4	3-15/16	3-1/4	3F0805D040001**	3F0305D040001**	3F0905D040001**
5	1-3/8	240	Delrin	6-3/8	3-15/16	3-1/2	3F2805D040001**	3F2305D040001**	3F2905D040001**
6	1-3/8	280	Delrin	7-3/8	4-7/16	4-1/2	3F2806D040001**	3F2306D040001**	3F2906D040001**
<b>POLY II RUBBER WHEEL</b>									
3	1-1/4	210	Delrin	4-3/8	2-15/16	1-3/4	3F0803B260801**	3F0303B260801**	3F0903B260801**
3-1/2	1-1/4	250	Delrin	4-5/8	3-3/16	2	3F0809B260001**	3F0309B260001**	3F0909B260001**
4	1-1/4	275	Delrin	5-1/8	3-3/8	2	3F0804B260001**	3F0304B260001**	3F0904B260001**
4	1-1/2	275	Delrin	5-3/8	3-3/8	2-1/4	3F2804B260001**	3F2304B260001**	3F2904B260001**
5	1-1/4	300	Delrin	6-1/4	3-15/16	2-1/2	3F0805B260001**	3F0305B260001**	3F0905B260001**
5	1-1/2	300	Delrin	6-3/8	3-15/16	2-3/4	3F2805B260001**	3F2305B260001**	3F2905B260001**
6	1-1/2	300	Delrin	7-3/8	4-7/16	3-1/4	3F2806B260001**	3F2306B260001**	3F2906B260001**
<b>SPARTAN SUPREME WHEEL</b>									
3-1/2	1-1/4	250	Delrin	4-5/8	3-3/16	2-1/4	3F0809D090001**	3F0309D090001**	3F0909D090001**
4	1-1/4	255	Delrin	5-1/8	3-3/8	2-1/2	3F0804D090001**	3F0304D090001**	3F0904D090001**
4	1-3/8	300	Delrin	5-3/8	3-3/8	2-3/4	3F2804D090001**	3F2304D090001**	3F2904D090001**
5	1-1/4	280	Delrin	6-1/4	3-15/16	3-1/4	3F0805D090001**	3F0305D090001**	3F0905D090001**
5	1-3/8	350	Delrin	6-3/8	3-15/16	3-1/2	3F2805D090001**	3F2305D090001**	3F2905D090001**
6	1-3/8	400	Delrin	7-3/8	4-7/16	4-1/2	3F2806D090001**	3F2306D090001**	3F2906D090001**
<b>POLY II POLY WHEEL</b>									
3	1-1/4	210	Delrin	4-3/8	2-15/16	1-3/4	3F0803B270801**	3F0303B270801**	3F0903B270801**
3-1/2	1-1/4	250	Delrin	4-5/8	3-3/16	2	3F0809B270001**	3F0309B270001**	3F0909B270001**
4	1-3/8	375	Delrin	5-1/8	3-3/8	2	3F0804B270001**	3F0304B270001**	3F0904B270001**
4	1-3/8	375	Delrin	5-3/8	3-3/8	2-1/4	3F2804B270001**	3F2304B270001**	3F2904B270001**
5	1-3/8	450	Delrin	6-1/4	3-15/16	2-1/2	3F0805B270001**	3F0305B270001**	3F0905B270001**
5	1-3/8	450	Delrin	6-3/8	3-15/16	2-3/4	3F2805B270001**	3F2305B270001**	3F2905B270001**
6	1-3/8	450	Delrin	7-3/8	4-7/16	3-1/4	3F2806B270001**	3F2306B270001**	3F2906B270001**
<b>POLY II URETHANE WHEEL</b>									
3	1-1/4	210	Delrin	4-3/8	2-15/16	1-3/4	3F0803B250801**	3F0303B250801**	3F0903B250801**
3-1/2	1-1/4	250	Delrin	4-5/8	3-3/16	2	3F0809B250001**	3F0309B250001**	3F0909B250001**
4	1-1/4	275	Delrin	5-1/8	3-3/8	2	3F0804B250001**	3F0304B250001**	3F0904B250001**
4	1-1/2	375	Delrin	5-3/8	3-3/8	2-1/4	3F2804B250001**	3F2304B250001**	3F2904B250001**
5	1-1/4	300	Delrin	6-1/4	3-15/16	2-1/2	3F0805B250001**	3F0305B250001**	3F0905B250001**
5	1-1/2	450	Delrin	6-3/8	3-15/16	2-3/4	3F2805B250001**	3F2305B250001**	3F2905B250001**
6	1-1/2	450	Delrin	7-3/8	4-7/16	3-1/4	3F2806B250001**	3F2306B250001**	3F2906B250001**
<b>DURATEX WHEEL</b>									
3	1-1/2	350	Roller	4-3/8	3-1/8	2-1/4	3F08034380801**	3F03034380801**	3F09034380801**
3(H)	1-1/2	300	Roller	4-3/8	3-1/8	2-1/4	3F08034340801**	3F03034340801**	3F09034340801**
4	1-1/2	450	Roller	5-3/8	3-3/8	2-3/4	3F28044380001**	3F23044380001**	3F29044380001**
4(H)	1-1/2	375	Roller	5-1/16	3-3/8	2-3/4	1F28044340001**	1F23044340001**	1F29044340001**
5	1-1/2	450	Roller	6-3/8	3-15/16	3-1/2	3F28054380001**	3F23054380001**	3F29054380001**
5(H)	1-1/2	400	Roller	6-1/16	3-15/16	3-1/2	1F28054340001**	1F23054340001**	1F29054340001**
6	1-1/2	450	Roller	7-3/8	4-7/16	4-1/4	3F28064380001**	3F23064380001**	3F29064380001**
<b>SEMI-STEEL WHEEL</b>									
3	1-1/4	450	Roller	4-3/8	2-15/16	2-3/4	3F08034110801**	3F03034110801**	3F09034110801**
4	1-1/2	450	Roller	5-3/8	3-3/8	3-3/4	3F28044110001**	3F23044110001**	3F29044110001**

\*\* NOTE: For your plate or stem choice, replace \*\* in part number with plate or stem code number shown in top plate or stem choices. (H) Wheel is high-temperature phenolic with an operative range of 475°F continuous, 525°F intermittent.. Note: Swivel stem caster heights are 1/8" shorter than heights listed.

**OPTIONS** Consult Factory

- Higher optional height available for 4" and 5" casters with the smaller wheel width.
- Roller bearings available for all wheel widths.
- Ball bearings available for all the Poly II wheels except for the 3" size. Ball bearings not recommended for load capacities exceeding 250 lbs.
- Over-the-wheel strap brake available for all swivel casters (strap brakes are less effective on harder wheels).
- Dust cover available for all swivel caster sizes.
- Grease seals available for all swivel caster sizes (grease seals not recommended for high temperature applications).
- NSF certification is available for all casters.

**Total-Lock**



Available in 3", 4", 5" and 6" wheel sizes.  
(Consult factory for information)

**\*\* Plate Code Number** **Top Plate Choices**



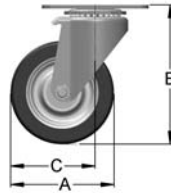
Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



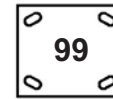
Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 2-5/8" to 3"  
Hole Diameter: 11/32" x 1/2" slots  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 1-3/4" x 3" to 2-3/8" x 3-3/8"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 2-3/8" x 3-7/16"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



Overall Size: 3-3/4" x 4-5/8"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"



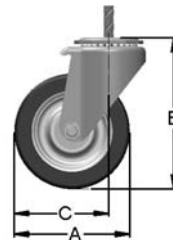
Overall Size: 4" x 5"  
Hole Spacing: 3" x 4"  
Hole Diameter: 13/32"  
Bolt Diameter: 3/8"  
AS top plate is for swivel casters only.

**Stem Choices**

**Friction Ring Stems**



Stem Size Dia. x Length (D) x (L)	** Stem Code Number
7/16 x 1-3/8	01
7/16 x 1-29/32	03
5/8 x 2-3/16	ZW
13/16 x 1-3/4	37



**Threaded Stems**



Stem Size Dia. -TPI x Length (D) (TPI) x (L)	** Stem Code Number
3/8- 16 x 1	04
3/8- 16 x 1-1/2	07
7/16-14 x 7/8	23
7/16-14 x 1-1/2	05
1/2- 13 x 3/4	06
1/2- 13 x 1	61
1/2- 13 x 1-1/2	10
1/2- 13 x 2-1/2 (expandable)	25

**Octagon Stems**



Stem Size Dia. x Length (D) x (L)	Hole Size	Hole Location (A)	Hole Location (E)	** Stem Code Number
.750 x 2	3 @ .265"	1"	.375"	74
.860 x 2	1 @ .265"	1"	-	36

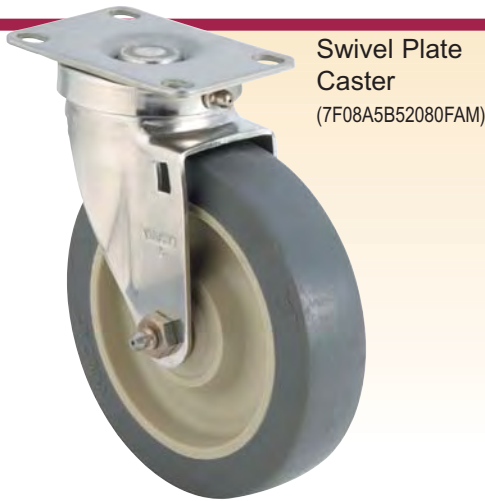
Other stem sizes available on request.

200 to 300 lb.  
capacity  
1 1/4 wheel tread  
width

# Medium Duty Stainless Steel Casters

## STANDARD FEATURES

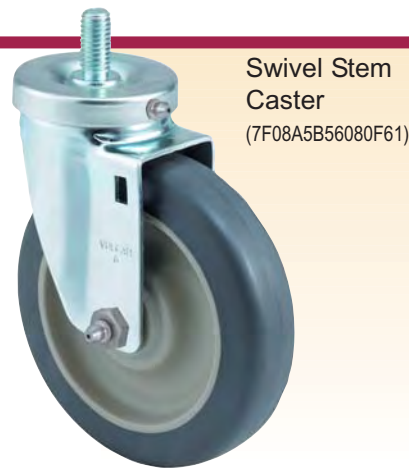
- All components are made of 304 stainless steel
- Heat treat hardened and factory lubricated swivel raceways.
- 3/8" diameter nut and bolt axle with grease zerk fitting.
- Casters are impervious to cleaning agents, steam, or corrosives.
- Swivels have a dust cover with a zerk grease fitting and upper and lower grease seals (except high temperature wheels).
- NSF certified.



Swivel Plate Caster  
(7F08A5B52080FAM)



Rigid Plate Caster  
(7F0344044050FAM)



Swivel Stem Caster  
(7F08A5B56080F61)



## OPTIONS Consult Factory

### Expandable Stem Adapters



These stems will fit a variety of round and square tubing sizes. They feature a top-mounted, easily accessible hex cap for ease of assembly and tightening. The rubber bushing permits easy tightening in tubing, while the plastic spacer adds stability to the assembly.

### Over-The-Wheel Strap Brake Kit



Positive lock wheel brake engages the top of the wheel tread rather than using a pinching type braking action. Available on wheel sizes from 3" to 6"

### Trailing End Brake Kit



Trailing end brake engages the top of the wheel from the end of the wheel rather than the side of the wheel.

## Wheel Types



**TPR Soft Rubber Flat & Donut Soft Tread**  
 Special modulus TPR material chemically bonded to a polyolefin hub used in food service, healthcare, and many other institutional applications. Color: Gray Tread / Light Gray Hub  
 Tread Hardness: 65 ± 5 Shore A



**Polyurethane Flat Tread**  
 Polyurethane tread mechanically molded to a polyolefin hub.  
 Color: Gray Tread / Light Gray Hub  
 Tread Hardness: 95 ± 5 Shore A



**Polyolefin**  
 Black molded polyolefin.  
 Color: All Black  
 Tread Hardness: 65 ± 5 Shore D



**High Temperature Nylon Glass Filled Wheels**  
 High temperature nylon glass filled wheels are manufactured from fiberglass and reinforced with nylon. Color: All black  
 Tread Hardness: 65 ± 5 Shore D  
 Temperature range: -20° to 475° F

## Top Plates

### Swivel Plate

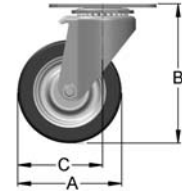


Overall Size: 2-3/8" x 3-5/8"  
 Hole Spacing: 1-3/4" x 2-11/16" slotted to 3"  
 Bolt Diameter: 5/16"

### Rigid Plate



Overall Size: 2-5/8" x 3-5/8"  
 Hole Spacing: 1-3/4" x 2-11/16" slotted to 3"  
 Bolt Diameter: 5/16"



## Stem Choices

### Friction Ring Stems



Stem Size  
 Dia. x Length (D) x (L)  
 0.845 x 2-3/16 (round)  
 \*\* Stem Code Number  
 73

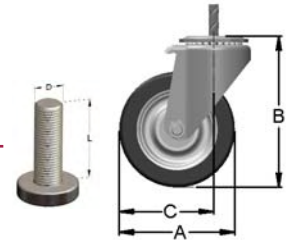


### Medium Duty Adapters

** Stem Code Number	Fits Tubing I.D. Size
E5	0.852" to 0.927"
E9	1.030" to 1.140"
E7	1.178" to 1.303"
E6	1.426" to 1.589"

### Threaded Stems

Stem Size Dia. -TPI x Length (L)	** Stem Code Number
1/2- 13 x 1-1/2	10
1/2- 13 x 2-3/4 (expandable)	20



A	Approximate Wheel Dia. (inches)	Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B	Height (inches)	C	Swivel Radius (inches)	Approximate Weight (pounds)	Swivel Plate Caster Part No.	Rigid Plate Caster Part No.	Swivel Stem Caster Part No.
<b>TPR SOFT RUBBER FLAT TREAD (GRAY TREAD / LIGHT GRAY HUB)</b>												
3	1-1/4	1-1/4	200	Delrin	4-1/16	3	1-1/4	7F08A3B52080FAM	7F0343B52050FAM	7F09A3B52080F**		
3-1/2	1-1/4	1-1/4	250	Delrin	4-9/16	3-1/4	2	7F08A9B52080FAM	7F0349B52050FAM	7F09A9B52080F**		
4	1-1/4	1-1/4	275	Delrin	5-1/16	3-1/2	2-1/4	7F08A4B52080FAM	7F0344B52050FAM	7F09A4B52080F**		
5	1-1/4	1-1/4	300	Delrin	6-3/16	4	2-3/4	7F08A5B52080FAM	7F0345B52050FAM	7F09A5B52080F**		
<b>TPR SOFT RUBBER DONUT TREAD (GRAY TREAD / LIGHT GRAY HUB)</b>												
3	1-1/4	1-1/4	200	Delrin	4-1/16	3	1-1/4	7F08A3B55080FAM	7F0343B55050FAM	7F09A3B55080F**		
3-1/2	1-1/4	1-1/4	225	Delrin	4-9/16	3-1/4	2	7F08A9B55080FAM	7F0349B55050FAM	7F09A9B55080F**		
4	1-1/4	1-1/4	250	Delrin	5-1/16	3-1/2	2-1/4	7F08A4B55080FAM	7F0344B55050FAM	7F09A4B55080F**		
5	1-1/4	1-1/4	250	Delrin	6-3/16	4	2-3/4	7F08A5B55080FAM	7F0345B55050FAM	7F09A5B55080F**		
6	1-1/4	1-1/4	300	Delrin	7-3/16	4-1/2	3-1/4	7F08A6B55080FAM	7F0346B55050FAM	7F09A6B55080F**		
<b>POLYURETHANE FLAT TREAD (GRAY TREAD / LIGHT GRAY HUB)</b>												
3	1-1/4	1-1/4	200	Delrin	4-1/16	3	1-1/4	7F08A3B56080FAM	7F0343B56050FAM	7F09A3B56080F**		
3-1/2	1-1/4	1-1/4	250	Delrin	4-9/16	3-1/4	2	7F08A9B56080FAM	7F0349B56050FAM	7F09A9B56080F**		
4	1-1/4	1-1/4	275	Delrin	5-1/16	3-1/2	2-1/4	7F08A4B56080FAM	7F0344B56050FAM	7F09A4B56080F**		
5	1-1/4	1-1/4	300	Delrin	6-3/16	4	2-3/4	7F08A5B56080FAM	7F0345B56050FAM	7F09A5B56080F**		
6	1-1/4	1-1/4	300	Delrin	7-3/16	4-1/2	3-1/4	7F08A6B56080FAM	7F0346B56050FAM	7F09A6B56080F**		
<b>POLYOLEFIN FLAT TREAD (ALL BLACK)</b>												
3	1-1/4	1-1/4	200	Plain	4-1/16	3	1-1/4	7F08A3127080FAM	7F0343127050FAM	7F09A3127080F**		
3-1/2	1-1/4	1-1/4	250	Plain	4-9/16	3-1/4	2	7F08A9127080FAM	7F0349127050FAM	7F09A9127080F**		
4	1-1/4	1-1/4	275	Plain	5-1/16	3-1/2	2-1/4	7F08A4127080FAM	7F0344127050FAM	7F09A4127080F**		
5	1-1/4	1-1/4	300	Plain	6-3/16	4	2-3/4	7F08A5127080FAM	7F0345127050FAM	7F09A5127080F**		
<b>HIGH TEMPERATURE NYLON GLASS FILLED (ALL BLACK)</b>												
3	1-1/4	1-1/4	200	Plain	4-1/16	3	1-1/4	7F08B3044080FAM	7F0343044050FAM	7F09B3044080F**		
3-1/2	1-1/4	1-1/4	250	Plain	4-9/16	3-1/4	2	7F08B9044080FAM	7F0349044050FAM	7F09B9044080F**		
4	1-1/4	1-1/4	275	Plain	5-1/16	3-1/2	2-1/4	7F08B4044080FAM	7F0344044050FAM	7F09B4044080F**		
5	1-1/4	1-1/4	300	Plain	6-3/16	4	2-3/4	7F08B5044080FAM	7F0345044050FAM	7F09B5044080F**		

\*\* NOTE: For your stem choice, replace \*\* in part number with plate or stem code number shown in stem choices.  
 Swivel stem caster heights are 1/8" shorter than heights listed. Rigid casters are 1/2 pound lighter than listed.

150 to 500 lb.  
capacity  
1<sup>3</sup>/<sub>16</sub>" dual to 1<sup>3</sup>/<sub>4</sub>"  
wheel tread width

# Low Profile Medium Duty Swivel and Rigid Plate, Swivel Stem Casters



## STANDARD FEATURES

- Medium duty applications.
- Double row swivel construction.
- 3/8" diameter nut and bolt axle.
- Zinc-plated finish for corrosion resistance and appearance. (Optional black finish also available.)
- Heat treat hardened and factory lubricated swivel raceways.
- Ideal for electronic and business machines, display stands and racks and other applications needing a high capacity, low height caster.
- Assembly wrench 8G000192797



SERIES 1F59  
Double Row Swivel  
Threaded Stem  
Caster with Dual  
Wheel  
(1F5903704000110)



SERIES 1F53  
Two-Piece Rigid  
Plate Caster  
(1F5303027000197)



SERIES 1F58  
Double Row  
Swivel Plate  
Caster  
(1F5803027000197)



SERIES 1F58  
Swivel Plate  
Caster with  
Thread Guards  
(1F5803K25001100)

No Brake Available

## OPTIONS Consult Factory

NSF Certified Casters Available



Side Pinch Type Wheel Brake



- Side mount pinch type wheel brake available for 3" diameter wheel swivel casters.

Thumb Screw Wheel Brake



- Thumb screw type wheel brake available for all swivel models.

## Wheel Types



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Poly II Urethane**  
Dark blue polyurethane tread molded to light gray polypropylene core. Standard ball and precision ball wheel bearings.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



**Durafoam (Solid)**  
Black molded polypropylene.



**Duratex**  
Black phenolic resin reinforced with macerated fabric.

## Stem Choices

### Friction Ring Stems

Stem Size Dia. x Length (D) x (L)	** Stem Code Number
7/16 x 1-3/8	01
13/16 x 1-3/4	37



### Threaded Stems

Stem Size Dia. -TPI x Length (D (TPI) x (L)	** Stem Code Number
1/2- 13 x 3/4	06
1/2- 13 x 1-1/2	10
1/2- 13 x 2-1/2 (leveling stem)	18



Other stem sizes available on request.

### \*\* Plate Code Number

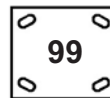
## Top Plate Choices



Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 1-3/4" x 3" to 2-3/8" x 3-3/8"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"



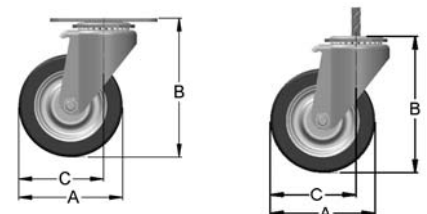
Overall Size: 3-3/4" x 4-5/8"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"

Other top plate sizes available (AM swivel, 98).

A	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B	C	Approximate Weight (pounds)	Swivel Plate Caster Part No.	Rigid Plate Caster Part No.	Swivel Stem Caster Part No.
<b>CUSHIONEX SUPREME DUAL WHEEL</b>									
2	13/16 ea.	150	Delrin	2-15/16	1-7/8	1-1/2	1F58027040001**	1F53027040001**	1F59027040001**
2-1/2	13/16 ea.	175	Delrin	3-1/2	2-7/32	1-3/4	1F58077040001**	1F53077040001**	1F59077040001**
3	13/16 ea.	250	Delrin	3-7/8	2-1/4	1-3/4	1F58037040001**	1F53037040001**	1F59037040001**
<b>POLY II URETHANE SINGLE WHEEL (THREAD GUARDS)</b>									
3	1-3/4	250	Standard Ball	3-7/8	2-1/4	2	1F5803A250011**	1F5303A250011**	1F5903A250011**
3	1-3/4	450	Precision Ball	3-7/8	2-1/4	2	1F5803K250011**	1F5303K250011**	1F5903K250011**
<b>SPARTAN SUPREME DUAL WHEEL</b>									
2	13/16 ea.	200	Delrin	2-15/16	1-7/8	1-1/2	1F58027090001**	1F53027090001**	1F59027090001**
2-1/2	13/16 ea.	300	Delrin	3-1/2	2-7/32	1-3/4	1F58077090001**	1F53077090001**	1F59077090001**
3	13/16 ea.	350	Delrin	3-7/8	2-1/4	1-3/4	1F58037090001**	1F53037090001**	1F59037090001**
<b>DURAFOAM SINGLE WHEEL</b>									
2-1/2	1-3/4	300	Plain	3-1/2	2-7/32	1-1/2	1F58070270001**	1F53070270001**	1F59070270001**
3	1-3/4	350	Sintered	3-7/8	2-1/4	1-1/2	1F58030270001**	1F53030270001**	1F59030270001**
3	1-3/4	350	Roller	3-7/8	2-1/4	1-1/2	1F58034270001**	1F53034270001**	1F59034270001**
<b>DURATEX SINGLE WHEEL</b>									
2-1/2	1-3/4	300	Roller	3-1/2	2-7/32	1-3/4	1F58074380001**	1F53074380001**	1F59074380001**
2-5/8	1-3/4	350	Roller	3-9/16	2-1/4	1-3/4	1F58014380001**	1F53014380001**	1F59014380001**
3	1-13/16	500	Roller	3-7/8	2-1/4	2-1/4	1F5803438HD01**	1F5303438HD01**	1F5903438HD01**

\*\* NOTE: For your plate or stem choice, replace \*\* in part number with plate or stem code number shown in top plate or stem choices.

Note: Swivel stem caster heights are 1/8" shorter than heights listed.



300 to 700 lb. capacity  
2" wheel tread width

# Medium-Heavy Duty Total-Lock Swivel, Swivel, 4-Position Swivel Lock and Rigid Plate Casters



These casters offer a unique combination of high load capacity with a trailing edge total lock brake. Their load capacity is exceptional for a top plate with bolt hole spacing of 1-3/4" x 3"

**STANDARD FEATURES**

- Ideal for food handling and processing equipment, mobile tool chests and work benches, platform and stock trucks, carts and dollies, laundry and refuse hampers and trucks, and more.
- Bright chromed zinc finish.
- High strength double ball, hardened swivel raceways for long caster service life.
- Roller bearing wheel and 1/2" nut and bolt axle with grease zerk fitting.
- All swivel casters have a unique upper race which also serves as a dust cover to block out contaminants.
- Swivel caster with total lock brake simultaneously locks brake and swivel.
- 4-Position Swivel Lock, locks the caster in 90° increments to become a temporary rigid casters.



**SERIES 4F88**  
Swivel Caster with Total Lock Brake (Directional-Lock available)  
(4F8805C2500F190)



**SERIES 4F88**  
Swivel Caster  
(4F8805438001190)



**SERIES 4F83**  
Rigid Caster  
(4F8305C27000190)

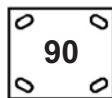
**OPTIONS Consult Factory**

\*\* Plate Code Number

**Top Plate Choices**



Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 2-7/8" to 3"  
Hole Diameter: 11/32" x 13/32" slots  
Bolt Diameter: 5/16"

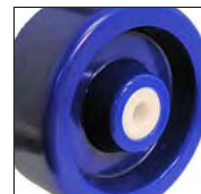


Overall Size: 4" x 4-5/8"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 3/8"

**Other Wheel Colors**

Wheel Type	Tread Color	Hub Color
Poly II Urethane	Blue	White
Poly II Rubber	Gray	White
Mold-On Polyurethane	Blue	Aluminum

Delrin Bearing Wheels



Wheel Thread Guards

NSF Certified Casters Available



## Wheel Types



**Mold-On Rubber**  
Black soft rubber tread bonded to a cast aluminum core.



**Poly II Poly**  
Black polypropylene tread molded to black polypropylene core.



**Poly II Rubber**  
Black thermoplastic rubber tread molded to gray polypropylene core.



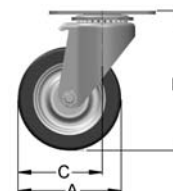
**Mold-On Polyurethane**  
Red polyurethane tread molded to an aluminum core.



**Poly II Urethane**  
Red polyurethane tread molded to gray polypropylene core.



**Duratex**  
Black phenolic resin reinforced with macerated fabric.



### SERIES 4F88 SWIVEL AND 4F83 RIGID PLATE CASTERS

<b>A</b> Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	<b>B</b> Height (inches)	<b>C</b> Swivel Radius* (inches)	Approximate Weight (pounds)	Total-Lock Swivel Caster Part No.	Swivel Caster Part No.	4-Position Swivel Lock Caster Part No.	Rigid Caster Part No.
<b>MOLD-ON RUBBER WHEEL</b>										
5	2	350	Roller	6-1/2	5-1/2	5	4F88055140071**	4F88055140001**	4F880551400D1**	4F83055140001**
6	2	400	Roller	7-1/2	5-1/2	5-1/2	4F88065140071**	4F88065140001**	4F880651400D1**	4F83065140001**
<b>POLY II RUBBER WHEEL</b>										
4	2	300	Roller	5-5/8	5-1/2	3-3/4	4F8804C260071**	4F8804C260001**	4F8804C2600D1**	4F8304C260001**
5	2	350	Roller	6-1/2	5-1/2	4-1/4	4F8805C260071**	4F8805C260001**	4F8805C2600D1**	4F8305C260001**
6	2	400	Roller	7-1/2	5-1/2	4-3/4	4F8806C260071**	4F8806C260001**	4F8806C2600D1**	4F8306C260001**
<b>POLY II URETHANE WHEEL</b>										
4	2	600	Roller	5-5/8	5-1/2	3-3/4	4F8804C250071**	4F8804C250001**	4F8804C2500D1**	4F8304C250001**
5	2	650	Roller	6-1/2	5-1/2	4-1/4	4F8805C250071**	4F8805C250001**	4F8805C2500D1**	4F8305C250001**
6	2	700	Roller	7-1/2	5-1/2	4-3/4	4F8806C250071**	4F8806C250001**	4F8806C2500D1**	4F8306C250001**
<b>POLY II POLY WHEEL</b>										
4	2	400	Roller	5-5/8	5-1/2	3-3/4	4F8804C270071**	4F8804C270001**	4F8804C2700D1**	4F8304C270001**
5	2	450	Roller	6-1/2	5-1/2	4-1/4	4F8805C270071**	4F8805C270001**	4F8805C2700D1**	4F8305C270001**
6	2	560	Roller	7-1/2	5-1/2	4-3/4	4F8806C270071**	4F8806C270001**	4F8806C2700D1**	4F8306C270001**
<b>MOLD-ON POLYURETHANE WHEEL</b>										
4	2	600	Roller	5-5/8	5-1/2	4-1/2	4F88045250071**	4F88045250001**	4F880452500D1**	4F83045250001**
5	2	650	Roller	6-1/2	5-1/2	5	4F88055250071**	4F88055250001**	4F880552500D1**	4F83055250001**
6	2	700	Roller	7-1/2	5-1/2	5-1/2	4F88065250071**	4F88065250001**	4F880652500D1**	4F83065250001**
<b>DURATEX WHEEL</b>										
4	2	600	Roller	5-5/8	5-1/2	4-1/2	4F88044380071**	4F88044380001**	4F880443800D1**	4F83044380001**
5	2	650	Roller	6-1/2	5-1/2	5	4F88054380071**	4F88054380001**	4F880543800D1**	4F83054380001**
6	2	700	Roller	7-1/2	5-1/2	6	4F88064380071**	4F88064380001**	4F880643800D1**	4F83064380001**

\* Swivel Radius represents a swivel caster with Total Lock Brake (Non Brake versions will be less). Weight represents a swivel caster with Total Lock Brake (Non Brake and Rigid Versions will be less).

\*\* NOTE: For your plate choice, replace \*\* in part number with plate code number shown in top plate choices.



300 to 1200 lb. capacity 2" wheel tread width

# Heavy Duty Swivel & Rigid Plate Casters with Total-Lock Brake or 4-Position Swivel Lock

**STANDARD FEATURES**

- **Medium to heavy duty applications.**
- **Double row swivel construction with extra large raceways for long service life.**
- **1/2" dia. nut & bolt grease fitting axle. (Powder coat finish casters have a stainless steel axle without grease zerck.)**
- **Chromed zinc-plated finish for corrosion resistance and appearance.**
- **Heat treat hardened and factory lubricated swivel raceways with swivel grease fitting.**
- **1/4" thick steel top plate and welded leg construction.**
- **3/4" dia. swivel kingpin rivet.**



**SERIES 1F83**  
Rigid Plate Caster  
(1F8306C25000190)



**SERIES 1F88**  
Swivel with Total-Lock Brake and optional yellow zinc chromate finish  
(1F8806514007D90)



**SERIES 1F88**  
Swivel Plate Caster  
(1F8806438000190)



**SERIES 1F88**  
Swivel with 4-Position Swivel Lock and optional yellow zinc chromate finish  
(1F880662500DD90)

**OPTIONS Consult Factory**

**SWIVEL WITH TOTAL-LOCK BRAKE**

- **Foot-operated lever simultaneously locks wheel and swivel.**
- **Castered equipment held firmly in place.**
- **Upward pressure on lever releases brakes.**

**SWIVEL WITH FOUR-POSITION SWIVEL LOCK**

- **Caster swivel locks in 90° increments.**
- **Downward pressure on lever engages lock; upward pressure releases lock.**

**Side Pinch Type Wheel Brake**



- Side mount wheel brake available for all swivel models.
- Standard size foot lever.

**Finishes**

**Yellow Chromate Zinc**

- Withstands 100 hrs. salt spray corrosion test.

**Powder Coat**

- Withstands 750 hrs. salt spray corrosion test.



**Grease Seals**



**Upper and/or Lower Swivel Raceway**

(Total-Lock and Four-Position Swivel Lock available only with upper seal).

**Thread Guards**



**Delrin Bearings**



NSF Certified Casters Available





# Wheel Types



**Mold-On Rubber**  
Black soft rubber tread bonded to a cast aluminum core.



**Poly II Poly**  
Black polypropylene tread molded to black polypropylene core.



**Mold-On Polyurethane**  
Red polyurethane tread molded to an aluminum core.



**Poly II Rubber**  
Black thermoplastic rubber tread molded to light gray polypropylene core.

Other Wheel Colors		
Wheel Type	Tread Color	Hub Color
Poly II Urethane	Blue	White
Poly II Rubber	Light Gray	White
Mold-On Polyurethane	Blue	Aluminum



**Duratex**  
Black phenolic resin reinforced with macerated fabric.

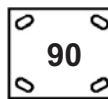
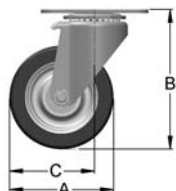


**Poly II Urethane**  
Red polyurethane tread molded to light gray polypropylene core.

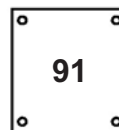


**Semi-Steel**  
Cast iron enriched with steel.

\*\* Plate Code Number



**90 Top Plate**  
Overall Size: 4" x 4-5/8"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 3/8"



**91 Top Plate**  
Overall Size: 5" x 5-1/2"  
Hole Spacing: 4-1/8" x 4-1/2"  
Hole Diameter: 25/64"  
Bolt Diameter: 3/8"

## SERIES 1F88, 1FA8 SWIVEL AND 1F83 RIGID PLATE CASTERS

A Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B Height (inches)	C Swivel Radius* (inches)	Approximate Weight (pounds)†	Swivel Caster Part No.	Rigid Caster Part No.	Total-Lock Swivel Part No.	4-Position Lock Swivel Part No.
<b>MOLD-ON RUBBER WHEEL</b>										
4	2	300	Roller	5-5/8	3-7/16	5-3/4	1F88045140001**	1F83045140001**	N/A	N/A
5	2	350	Roller	6-1/2	4-1/8	6-1/4	1F88055140001**	1F83055140001**	1F88055140071**	1F880551400D1**
6	2	410	Roller	7-1/2	4-7/8	6-3/4	1F88065140001**	1F83065140001**	1F88065140071**	1F880651400D1**
8	2	500	Roller	9-1/2	6-1/8	8-1/4	1FA8085140001**	1F83085140001**	1FA8085140071**	1FA80851400D1**
<b>POLY II RUBBER WHEEL</b>										
4	2	300	Roller	5-5/8	3-7/16	5	1F8804C260001**	1F8304C260001**	N/A	N/A
5	2	325	Roller	6-1/2	4-1/8	5-3/4	1F8805C260001**	1F8305C260001**	1F8805C260071**	1F8805C2600D1**
6	2	400	Roller	7-1/2	4-7/8	6-1/4	1F8806C260001**	1F8306C260001**	1F8806C260071**	1F8806C2600D1**
8	2	475	Roller	9-1/2	6-1/8	7-1/2	1FA808C260001**	1F8308C260001**	1FA808C260071**	1FA808C2600D1**
<b>POLY II POLY WHEEL</b>										
4	2	400	Roller	5-5/8	3-7/16	5	1F8804C270001**	1F8304C270001**	N/A	N/A
5	2	650	Roller	6-1/2	4-1/8	5-3/4	1F8805C270001**	1F8305C270001**	1F8805C270071**	1F8805C2700D1**
6	2	700	Roller	7-1/2	4-7/8	6-1/4	1F8806C270001**	1F8306C270001**	1F8806C270071**	1F8806C2700D1**
8	2	900	Roller	9-1/2	6-1/8	6-3/4	1FA808C270001**	1F8308C270001**	1FA808C270071**	1FA808C2700D1**
<b>POLY II URETHANE WHEEL</b>										
4	2	600	Roller	5-5/8	3-7/16	5	1F8804C250001**	1F8304C250001**	N/A	N/A
5	2	750	Roller	6-1/2	4-1/8	5-3/4	1F8805C250001**	1F8305C250001**	1F8805C250071**	1F8805C2500D1**
6	2	900	Roller	7-1/2	4-7/8	6-1/4	1F8806C250001**	1F8306C250001**	1F8806C250071**	1F8806C2500D1**
8	2	900	Roller	9-1/2	6-1/8	7-1/2	1FA808C250001**	1F8308C250001**	1FA808C250071**	1FA808C2500D1**
<b>MOLD-ON POLYURETHANE WHEEL</b>										
4	2	700	Roller	5-5/8	3-7/16	5-3/4	1F88045250001**	1F83045250001**	N/A	N/A
5	2	1050	Roller	6-1/2	4-1/8	7-1/2	1F88055250001**	1F83055250001**	1F88055250071**	1F880552500D1**
6	2	1200	Roller	7-1/2	4-7/8	8	1F88065250001**	1F83065250001**	1F88065250071**	1F880652500D1**
8	2	1200	Roller	9-1/2	6-1/8	8-3/4	1FA8085250001**	1F83085250001**	1FA8085250071**	1FA80852500D1**
<b>DURATEX WHEEL</b>										
3-1/4	2	700	Roller	5-1/4		5-1/4	1F880A4380801**	1F830A4380801**	N/A	N/A
4	2	800	Roller	5-5/8	3-7/16	5-3/4	1F88044380001**	1F83044380001**	N/A	N/A
4 (H)	2	600	Roller	5-5/8	3-7/16	5-3/4	1F88044340001**	1F83044340001**	N/A	N/A
5	2	1000	Roller	6-1/2	4-1/8	6	1F88054380001**	1F83054380001**	1F88054380071**	1F880543800D1**
5 (H)	2	750	Roller	6-1/2	4-1/8	6	1F88054340001**	1F83054340001**	N/A	N/A
6	2	1200	Roller	7-1/2	4-7/8	7	1F88064380001**	1F83064380001**	1F88064380071**	1F880643800D1**
6 (H)	2	900	Roller	7-1/2	4-7/8	7	1F88064340001**	1F83064340001**	N/A	N/A
8	2	1200	Roller	9-1/2	6-1/8	9	1FA8084380001**	1F83084380001**	1FA8084380071**	1FA80843800D1**
<b>SEMI-STEEL WHEEL</b>										
4	2	1000	Roller	5-5/8	3-7/16	9	1F88044110001**	1F83044110001**	N/A	N/A
5	2	1000	Roller	6-1/2	4-1/8	9-1/2	1F88054110001**	1F83054110001**	1F88054110071**	1F880541100D1**
6	2	1200	Roller	7-1/2	4-7/8	10	1F88064110001**	1F83064110001**	1F88064110071**	1F880641100D1**
8	2	1200	Roller	9-1/2	6-1/8	14	1FA8084110001**	1F83084110001**	1FA8084110071**	1FA80841100D1**

\* Swivel radius is for standard swivel. (Total Lock Brake and 4-Position Lock Swivel radius is greater.)  
 † Weight is standard swivel. (Rigid is lighter, Lock versions are heavier.) - (H) High temperature phenolic  
 \*\* NOTE: For your plate choice, replace \*\* in part number with plate code number shown in top plate choices.

300 to 1200 lb.  
capacity 2" wheel  
tread width

## Heavy Duty Value Casters

### STANDARD FEATURES

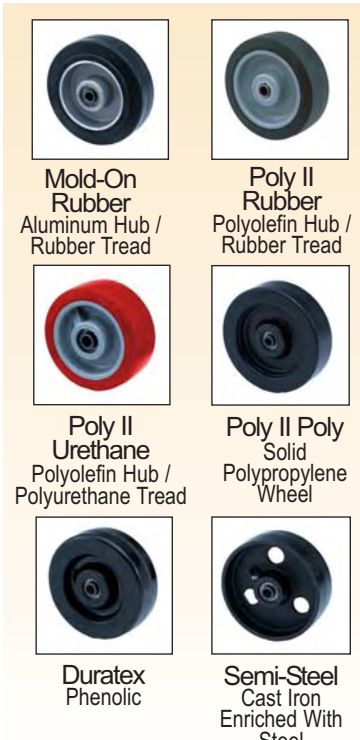
- Heat treat hardened and factory lubricated swivel raceways with an upper raceway zerk grease fitting.
- Casters have 1/4" top plate and welded leg construction with a clear zinc chromate finish.
- Casters have 1/2" nut and bolt axle with a zerk grease fitting and a roller bearing wheel.
- Options: side cam brake, over-the-wheel strap brake, trailing end brake, total-lock brake, field installed bolt-on 4-position swivel lock - 8G000308497



### SERIES 8W88 SWIVEL AND 8W83 RIGID PLATE CASTERS

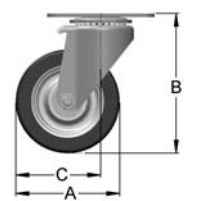
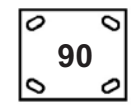
A	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B	Height (inches)	C	Swivel Radius (inches)	Approximate Weight (pounds)†	Swivel Caster Part No.	Rigid Caster Part No.
<b>MOLD-ON RUBBER WHEEL</b>										
4	2	300	Roller	5-5/8	3-7/16	5-3/4	8W8804514000190	8W8304514000190		
5	2	350	Roller	6-1/2	4-1/8	6-1/4	8W8805514000190	8W8305514000190		
6	2	410	Roller	7-1/2	4-7/8	6-3/4	8W8806514000190	8W8306514000190		
8	2	500	Roller	9-1/2	6-3/16	8-1/4	8W8808514000190	8W8308514000190		
<b>POLY II RUBBER WHEEL</b>										
4	2	300	Roller	5-5/8	3-7/16	5	8W8804C26000190	8W8304C26000190		
5	2	325	Roller	6-1/2	4-1/8	5-3/4	8W8805C26000190	8W8305C26000190		
6	2	400	Roller	7-1/2	4-7/8	6-1/4	8W8806C26000190	8W8306C26000190		
8	2	475	Roller	9-1/2	6-3/16	7-1/2	8W8808C26000190	8W8308C26000190		
<b>POLY II POLY WHEEL</b>										
4	2	400	Roller	5-5/8	3-7/16	5	8W8804C27000190	8W8304C27000190		
5	2	650	Roller	6-1/2	4-1/8	5-3/4	8W8805C27000190	8W8305C27000190		
6	2	700	Roller	7-1/2	4-7/8	6-1/4	8W8806C27000190	8W8306C27000190		
8	2	900	Roller	9-1/2	6-3/16	6-3/4	8W8808C27000190	8W8308C27000190		
<b>POLY II URETHANE WHEEL</b>										
4	2	600	Roller	5-5/8	3-7/16	5	8W8804C25000190	8W8304C25000190		
5	2	750	Roller	6-1/2	4-1/8	5-3/4	8W8805C25000190	8W8305C25000190		
6	2	900	Roller	7-1/2	4-7/8	6-1/4	8W8806C25000190	8W8306C25000190		
8	2	900	Roller	9-1/2	6-3/16	7-1/2	8W8808C25000190	8W8308C25000190		
<b>MOLD-ON POLYURETHANE WHEEL</b>										
4	2	700	Roller	5-5/8	3-7/16	5-3/4	8W8804525000190	8W8304525000190		
5	2	1050	Roller	6-1/2	4-1/8	7-1/2	8W8805525000190	8W8305525000190		
6	2	1200	Roller	7-1/2	4-7/8	8	8W8806525000190	8W8306525000190		
8	2	1200	Roller	9-1/2	6-3/16	8-3/4	8W8808525000190	8W8308525000190		
<b>DURATEX WHEEL</b>										
4	2	800	Roller	5-5/8	3-7/16	5-3/4	8W8804438000190	8W8304438000190		
5	2	1000	Roller	6-1/2	4-1/8	6	8W8805438000190	8W8305438000190		
6	2	1200	Roller	7-1/2	4-7/8	7	8W8806438000190	8W8306438000190		
8	2	1200	Roller	9-1/2	6-3/16	9	8W8808438000190	8W8308438000190		
<b>SEMI-STEEL WHEEL</b>										
4	2	1000	Roller	5-5/8	3-7/16	9	8W8804411000190	8W8304411000190		
5	2	1000	Roller	6-1/2	4-1/8	9-1/2	8W8805411000190	8W8305411000190		
6	2	1200	Roller	7-1/2	4-7/8	10	8W8806411000190	8W8306411000190		
8	2	1200	Roller	9-1/2	6-3/16	14	8W8808411000190	8W8308411000190		

† Weight is standard swivel. (Rigid is lighter.)



### 90 Top Plate

Overall Size: 4" x 4-1/2"  
Hole Spacing: 2-5/8" x 3-5/8" slotted to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 3/8"



# Heavy Duty Kingpinless Style Casters

1600 to 2000 lb.  
capacity 2½" wheel  
tread width

## STANDARD FEATURES

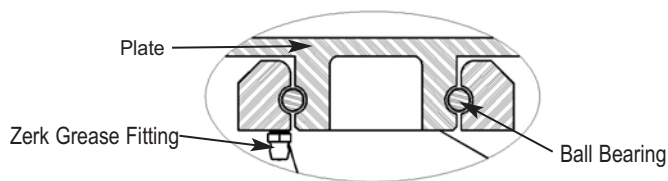
- Clear zinc plated for corrosion resistance.
- 3/8" single row precision ball bearings in a high strength, through hardened 2-1/4" diameter raceway.
- Raceway has a zerk grease fitting for easy maintenance.
- 3/4" wheel axle with a lubrication fitting.
- Wheels have 1" straight roller bearing that rotates on a hardened spanner bushing.
- 1/4" Heavy duty mounting plate and legs that are welded both inside and out.
- 4-Position bolt-on field installed swivel lock available. 8G000296097
- Choice of wheels: Polyurethane on Cast Iron Hub, Phenolic, Cast Iron.



**Polyurethane on Cast Iron Hub Swivel Caster**  
(8FXA06J250001AY)

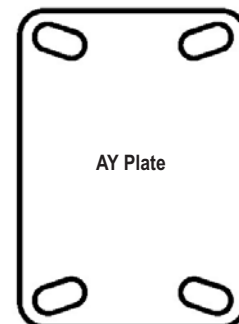


### Cross section of kingpinless style raceway



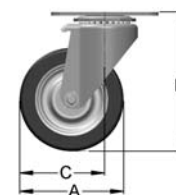
### AY Top Plate

Overall Size: 4-1/2" x 6-5/16"  
Hole Spacing: 2-7/16" x 4-15/16"  
slotted to 3-3/8" x 5-1/4"  
Hole Diameter: 35/64" x 1" slots  
Bolt Diameter: 1/2"



A	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B	C	Approximate Weight (pounds)†	Swivel Caster Part No.	Rigid Caster Part No.
<b>POLYURETHANE ON CAST IRON HUB WHEEL</b>								
6	2-1/2	1600	Roller	7-1/2	5-1/16	16-1/2	8FXA06J250001AY	8FX306J250001AY
8	2-1/2	1800	Roller	10-1/8	6-5/16	18-1/2	8FXA08J250001AY	8FX308J250001AY
10	2-1/2	2000	Roller	11-1/2	7-9/16	21-1/2	8FXA0TJ250001AY	8FX30TJ250001AY
<b>DURATEX (PHENOLIC) WHEEL</b>								
6	2-1/2	1600	Roller	7-1/2	5-1/16	12-1/2	8WXA064380001AY	8WX3064380001AY
8	2-1/2	2000	Roller	10-1/8	6-5/16	15	8WXA084380001AY	8WX3084380001AY
10	2-1/2	2000	Roller	11-1/2	7-9/16	16-1/2	8WXA0T4380001AY	8WX30T4380001AY
<b>CAST IRON WHEEL</b>								
5	2-1/2	2000	Roller	6-1/2	4-5/16	17	8FXA054110001AY	8FX3054110001AY
6	2-1/2	2000	Roller	7-1/2	5-1/16	19	8FXA064110001AY	8FX3064110001AY
8	2-1/2	2000	Roller	10-1/8	6-5/16	23	8FXA084110001AY	8FX3084110001AY
10	2-1/2	2000	Roller	11-1/2	7-9/16	25-1/2	8FXA0T4110001AY	8FX30T4110001AY

† Weight is standard swivel. (Rigid is lighter.)



200 lb. capacity  
2" wheel tread width

# Navigator Wheel Series

## STANDARD FEATURES

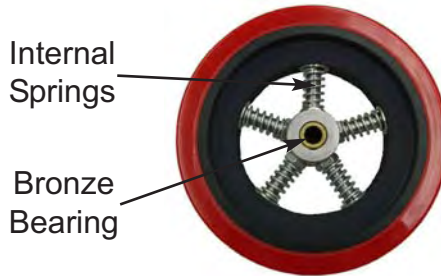
- Heat treat hardened and factory lubricated swivel raceways with an upper raceway zerk grease fitting (AR plate option does not have the grease fitting).
- Casters have 1/4" top plate and welded leg construction with a clear zinc chromate finish.
- Casters cushion sensitive equipment for safe transportation.
- Casters have shock absorbing springs built into the wheel to eliminate cumbersome look.



Swivel Caster with TPR Rubber Wheel (8W8806Z26000190)



Swivel Caster with Side Cam Brake and Polyurethane Wheel (8W8806Z25002190)



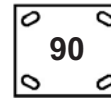
Internal Springs

Bronze Bearing

## Top Plate Choices

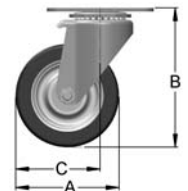


Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 2-7/8" to 3"  
Hole Diameter: 11/32" x 13/32" slots  
Bolt Diameter: 5/16"



Overall Size: 4" x 4-1/2"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 3/8"

A	Approximate	Caster	B	C	Approximate	Swivel	Swivel w/Brake	Rigid
Wheel Dia. (inches)	Tread Width (inches)	Capacity (pounds)	Height (inches)	Swivel Radius (inches)	Weight (pounds)*	Part No.	Part No.	Part No.
<b>THERMOPLASTIC RUBBER TREAD ON NYLON WHEEL</b>								
6	2	200	7-1/2	4-7/8	6-1/2	8W8806Z26000190	8W8806Z26002190	1F8306Z26000190
6	2	200	7-1/2	4-7/8	5	4F8806Z260001AR	4F8806Z260021AR	4F8306Z260001AR
<b>POLYURETHANE TREAD ON NYLON WHEEL</b>								
6	2	200	7-1/2	4-7/8	6-1/2	8W8806Z25000190	8W8806Z25002190	1F8306Z25000190
6	2	200	7-1/2	4-7/8	5	4F8806Z250001AR	4F8806Z250021AR	4F8306Z250001AR



(\* Swivel w/Brake casters are 1/2 lb. heavier, Rigid casters are 1/2 lb. lighter than swivel casters.

155 to 210 lb. capacity

1 1/4" wheel tread width

## STANDARD FEATURES

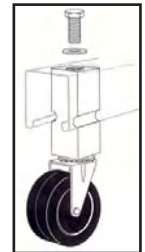
- Adds mobility to equipment built with strut channels.
- Fits into 1 5/8" x 1 5/8" 12 or 14 gauge channels.
- One bolt assembly design, bolt and washer included.



U-Channel Swivel Caster (4S0762BLZEUKXXX)

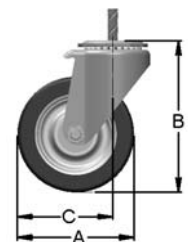


U-Channel Rigid Caster (4R0766BLZEUKXXX)



A	Approximate	Caster	Wheel	B	C	Approximate	Swivel	Swivel w/Brake	Rigid
Wheel Dia. (inches)	Tread Width (inches)	Capacity (pounds)	Bearing Type	Height (inches)	Swivel Radius (inches)	Weight (pounds)*	Part No.	Part No.	Part No.
<b>CUSHIONEX SUPREME WHEEL</b>									
3	1-1/4	155	Delrin	4-11/16	2-7/8	1-1/2	4S0762BLZEUKXXX	4S0762BLZEUK1XX	4R0762BLZEUKXXX
<b>SPARTAN SUPREME WHEEL</b>									
3	1-1/4	210	Delrin	4-11/16	2-7/8	1-1/2	4S0766BLZEUKXXX	4S0766BLZEUK1XX	4R0766BLZEUKXXX
<b>DURAFOAM WHEEL</b>									
3	1-1/4	210	Plain	4-11/16	2-7/8	1-1/4	4S0766BLZEUKXXX	4S0766BLZEUK1XX	4R0766BLZEUKXXX

(\* Swivel w/Brake casters are 1/4 lb. heavier, Rigid casters are 1/4 lb. lighter than swivel casters.

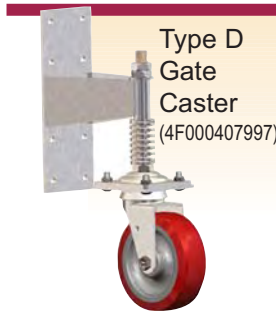
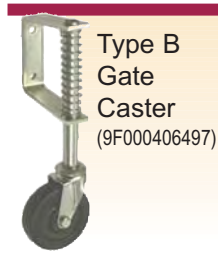
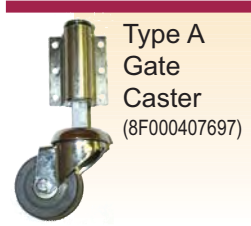


75 lb. to 700 lb. capacity

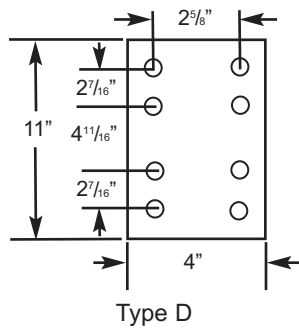
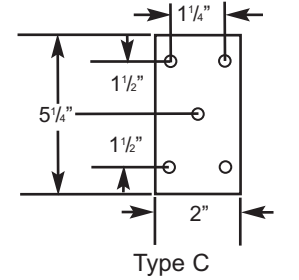
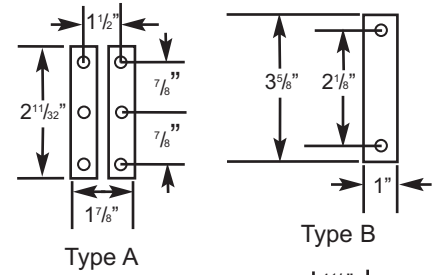
# Gate Casters

## STANDARD FEATURES

- Gate casters are designed to help make gates and doors perform easier.
- Casters have a side mounting plate.
- Multiple mounting plates for various applications.
- Casters have a clear zinc finish



## Mounting Options



Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Overall Height (inches)	Wheel Material	Approximate Weight (pounds)	Maximum Compression Force (lbs.)	Maximum Spring Deflection (in.)	Mount Plate Type	Part Number
2	13/16	75	2-1/2	TPR Rubber	1	38	7/8	A	8F000407697
3	13/16	100	3-9/16	Soft Rubber	2-1/8	28	2	B	9F000406497
3	13/16	125	3-9/16	Hard Rubber	2-1/8	28	2	B	9F000406597
2	13/16	100	2-1/2	Hard Rubber	3-1/4	100	1-3/4	C	9F000408497
3	13/16	125	3-9/16	Hard Rubber	3-1/2	100	1-3/4	C	9F000408597
4	2	600	5-5/8	Polyurethane	11-3/4	180	7/8	D	4F000407897
5	2	700	6-1/2	Polyurethane	12-1/2	180	7/8	D	4F000407997
6	2	700	7-1/2	Polyurethane	13-1/8	180	7/8	D	4F000408097
8	2	700	9-1/2	Polyurethane	14-1/4	180	7/8	D	8W000408797

240 lb.capacity

# Scaffolding Casters

## STANDARD FEATURES

- Double row swivel construction.
- Zinc-plated finish for corrosion resistance and appearance.
- Heat treat hardened and factory lubricated swivel raceways.
- Each caster has a Total-Lock Brake.
- Fits standard scaffolding structures.

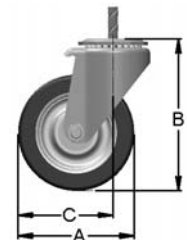


Type A Stem  
1.25" x 4" square stem  
w/7/16" hole located 2-1/2" up

Type B Stem  
1.25" x 2-1/2" round stem  
w/7/16" hole located 1" up

Type C Stem  
1.0475" x 2-3/4" round stem  
w/7/16" hole located 1-1/4" up

A	Approximate Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	B Overall Height (inches)	Caster Finish	Wheel Material	Swivel Radius (inches)	Approximate Weight (pounds)	Mount Stem Type	Part Number
	5	1-1/4	240	6-9/32	Zinc	Soft Rubber	4-1/4	4-1/2	A	1FC955004007173
	5	1-1/4	240	6-1/4	Zinc	Soft Rubber	4-1/4	4-1/8	B	1FC95500400712Y
	5	1-1/4	240	6-1/4	Zinc	Soft Rubber	4-1/4	3-1/2	C	1FC955004087173



100 to 350 lb. capacity

# Conductive Wheel Series

## STANDARD FEATURES

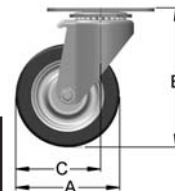
- Antistatic wheels have surface resistivity of  $>10^9$  to  $<10^9$  ohms when new.
- Sintered wheel bearings.
- Heat treat hardened and factory lubricated swivel raceways.
- Zinc-plate finish for corrosion resistance.



Swivel Plate Caster  
(2F6803S07000100)



Swivel Stem Caster  
(2F6903S07000101)



A	Approximate Tread Width (inches)	Caster Capacity (pounds)	B	C	Approximate Weight (pounds)*	Swivel Plate Part No.	Rigid Part No.	Swivel Stem Part No.
<b>CONDUCTIVE WHEEL ALL RUBBER SOFT TREAD</b>								
3	1	100	3-13/16	2-3/4	1-1/4	2F6803S070001**	1F6303S070001**	2F6903S070001**
4	1	115	4-13/16	3-1/4	1-1/2	2F6804S070001**	1F6304S070001**	2F6904S070001**
5	1	125	5-13/16	4	2	2F6805S070001**	1F6305S070001**	2F6905S070001**
3	1-1/4	125	3-3/4	2-3/8	1-1/4	2F9803S070001**	1F9303S070001**	2F9903S070001**
4	1-1/4	165	4-11/16	3-3/8	1-1/2	2F9804S070001**	1F9304S070001**	2F9904S070001**
5	1-1/4	190	5-5/8	4-1/8	2-1/4	2F9805S070001**	1F9305S070001**	2F9905S070001**
4	1-3/8	200	5-3/8	3-3/8	2-3/4	3F2804S070001**	3F2304S070001**	3F2904S070001**
5	1-3/8	240	6-3/8	3-15/16	3-1/2	3F2805S070001**	3F2305S070001**	3F2905S070001**
5	2	350	6	4-3/16	3-3/4	1F3805S07000100	1F3005S07000100	N/A

(\*) Rigid casters are lighter than swivel casters.

### \*\* Stem Code Number Stem Choices

#### Friction Ring Stems

Stem Size	** Stem Code Number
7/16 x 1-3/8	01
7/16 x 1-29/32	03

#### Threaded Stems

Stem Size	** Stem Code Number
3/8- 16 x 1	04
3/8- 16 x 1-1/2	07
1/2- 13 x 1	61
1/2- 13 x 1-1/2	10

Other stem and Plates sizes available on request.

### \*\* Plate Code Number Top Plate Choices



Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"



Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 2-5/8" to 3"  
Hole Diameter: 11/32" x 1/2" slots  
Bolt Diameter: 5/16"



Overall Size: 3-1/8" x 4-1/8"  
Hole Spacing: 1-3/4" x 3" to 2-3/8" x 3-3/8"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 5/16"

40 to 60 lb. capacity

# Decorative Wooden Wheel Casters

## STANDARD FEATURES

- Two rubber ring tread.
- Varnished Beech wood.
- Swivel casters with Zinc finish.
- Brakes available upon request.



Swivel Plate Caster



Swivel Stem Caster

A	Approximate Tread Width (inches)	Caster Capacity (pounds)	B	C	Approximate Weight (pounds)	Swivel Plate Part No.
<b>VARNISHED BEECH WOOD WHEEL</b>						
2	3/4	40	2-9/16	1-3/4	1/4	2S0509R1Z***XXX
3	3/4	50	3-9/16	2-1/2	1/2	2S0769R1Z***XXX
4	3/4	60	4-13/16	3-5/16	3/4	2S1019R1Z***XXX

Other stems available upon request. Contact factory

### \*\*\* Plate Code Number Top Plate Choices



2" wheel  
Overall Size: 1-21/32" x 1-21/32"  
Hole Spacing: 1-1/4" x 1-1/4"  
Hole Diameter: 3/16"  
Bolt Diameter: #10 screw



3" wheel  
Overall Size: 1-15/16" x 1-15/16"  
Hole Spacing: 1-15/32" x 1-15/32"  
Hole Diameter: 17/64  
Bolt Diameter: 1/4"



4" wheel  
Overall Size: 1-3/8" x 1-3/8"  
Hole Spacing: 1-1/2" x 1-1/2"  
to 1-13/16" x 1-13/16"  
Hole Diameter: 1/4" x 11/32" slots  
Bolt Diameter: 3/16"

### \*\*\* Stem Code Number Stem Choices

#### Friction Ring Stems

Stem Size	** Stem Code Number
7/16 x 1-1/2	D24

#### Threaded Stems

Stem Size	** Stem Code Number
3/8- 16 x 1	K16

Not intended for continuous movement

### Grip Neck Stems

Stem Size	** Stem Code Number
5/16 x 1-1/2	A24



# Special Thread Guard Casters

MADE IN U.S.A.



## STANDARD FEATURES

- Thread deflector prevents threads from tangling around the axle. Keeps wheels operating smoothly and helps with thread removal.
- Light duty applications.
- Double row swivel construction.
- 5/16" diameter rivet axle.
- Zinc-plated finish for corrosion resistance and appearance.
- Heat treat hardened and factory lubricated swivel raceways.



Special Thread Guard Caster  
(2F6853027081100)

## Stem Choices

### Friction Ring Stems

Stem Size Dia. x Length (D) x (L)	** Stem Code Number
7/16 x 1-3/8	01



### Threaded Stems

Stem Size Dia. -TPI x Length (D (TPI) x (L)	** Stem Code Number
3/8- 16 x 1	04
3/8- 24 x 1	89
1/2- 13 x 1-1/2	10



Other stem sizes available on request.



## Special Thread Guard Caster

Threads are teed-up away from the axle by the thread guard deflectors. Just snip away the thread accumulation.



## Conventional Caster

Thread build-up jams casters, causing loss of cart use and costly maintenance or replacement.

## Wheel Type



Durafoam (Solid)  
Black molded polypropylene.

## Top Plate

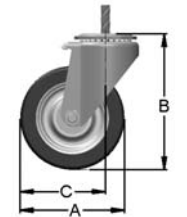
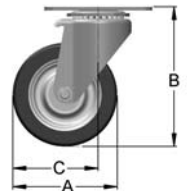


Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"

Other top plate sizes available on request.

A	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B	C	Approximate Weight (pounds)	Swivel Caster Part No.	Rigid Caster Part No.
<b>SWIVEL AND RIGID PLATE CASTERS (DURAFOAM WHEEL)</b>								
3	1	125	Plain	3-3/4	2-3/4	1	2F6853027081100	1F6353027081100
4	1	140	Plain	4-13/16	3-1/4	1-1/4	2F6854027081100	1F6354027081100
5	1	145	Plain	5-13/16	4	1-1/2	2F6855027081100	1F6355027081100
<b>SWIVEL STEM CASTERS (DURAFOAM WHEEL)</b>								
3	1	125	Plain	3-5/8	2-3/4	3/4	2F69530270811**	-
4	1	140	Plain	4-11/16	3-1/4	1	2F69540270811**	-
5	1	145	Plain	5-11/16	4	1-1/4	2F69550270811**	-

\*\* NOTE: For your stem choice, replace \*\* in part number with stem code number shown in stem choices.



# One-Piece Rigid Plate Casters

MADE IN U.S.A.



## STANDARD FEATURES

- Zinc-plated finish for corrosion resistance and appearance.
- 3/8" diameter nut and bolt axle.
- Available with or without wheel thread guards.
- For use on canvas hampers and general institutional and industrial applications.
- Can be used with Americaster, Series 1F28 or Series 2F98 swivel plate casters.
- Check wheel charts for specifications on the Cushionex Supreme and Spartan Supreme wheels.



3 1/2" x 1 1/4" WHEEL  
155 to 250 lb. capacity

### Top Plate Specifications

Overall Size: 2-1/2" x 5"  
Hole Spacing: 1-3/16" x 4"  
Hole Diameter: 0.318"  
Bolt Diameter: 5/16"



4" x 1 5/8" WHEEL  
240 to 400 lb. capacity

### Top Plate Specifications

Overall Size: 3-3/16" x 6-5/32"  
Hole Spacing: 1-3/4" to 2" x 5"  
Hole Diameter: .376" slotted to .500"  
Bolt Diameter: 3/8"

Wheel Diameter (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	Overall Height (inches)	Approximate Weight (pounds)	Part Number with Wheel Thread Guard	Part Number without Wheel Thread Guard
<b>CUSHIONEX SUPREME WHEEL</b>							
3-1/2	1-1/4	155	Delrin*	4-5/8	2	1FP0090040011AP	1FP0090040001AP
4	1-5/8	240	Delrin	5	2-1/2	1FPR040040011AQ	1FPR040040001AQ
<b>SPARTAN SUPREME WHEEL</b>							
3-1/2	1-1/4	250	Delrin*	4-5/8	2	1FP0090090011AP	1FP0090090001AP
4	1-5/8	400	Delrin	5	2-1/2	1FPR040090011AQ	1FPR040090001AQ

\* Thread guard wheel has a sintered bearing.



# Twin Wheel Casters

125 to 150 lb. capacity

## STANDARD FEATURES

- Center Bar type casters.
- Nylon wheel tread.
- Easy rolling and modern design.
- Brake caster has a lever. Push lever down to engage, pull up to disengage.

All mounting top plates use 5/16" mounting bolt.

Special sizes and colors may be available based on quantity, contact your E.R. Wagner sales representative for details.



75 MM  
Threaded  
Stem Caster  
(8FTS75111110061)



100 MM  
Plate Caster  
(8FTP10111110000)



125 MM  
Friction Ring Stem  
Caster with Brake  
(8FTS25111120030)



Threaded  
Stem  
1/2-13 x 1"



Friction Ring  
Stem  
7/16 x 1-1/4"



Overall Size: 2-5/16" x 2-9/16"  
Hole Spacing: 1-5/8" x 2"  
Bolt Diameter: 5/16"



Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Bolt Diameter: 5/16"

Wheel Diameter (mm/inches)	Overall Width (mm/inches)	Caaster Capacity (pounds)	Overall Height (inches)	Approximate Weight (pounds)	Mounting Dimensions	Swivel Caster Part Number	Swivel Caster with Brake Part Number
75 MM 3"	62.5 MM 2-15/32"	125	3-3/16	1.4	Friction Ring Stem	8FTS75111110030	8FTS75111120030
			3-17/64	1.4	Threaded Stem	8FTS75111110061	8FTS75111120061
			3-33/64	1.8	AZ Top Plate	8FTP751111100AZ	8FTP751111200AZ
100 MM 4"	73.5" 2-57/64"	140	4-1/4	1.6	Friction Ring Stem	8FTS10111110030	8FTS10111120030
			4-21/64	1.6	Threaded Stem	8FTS10111110061	8FTS10111120061
			4-19/32	2.0	AZ Top Plate	8FTP101111100AZ	8FTP101111200AZ
			4-19/32	2.0	00 Top Plate	8FTP10111110000	8FTP10111120000
125 MM 5"	86.5 MM 3-13/32"	150	5-23/64	1.8	Friction Ring Stem	8FTS25111110030	8FTS25111120030
			5-7/16	1.8	Threaded Stem	8FTS25111110061	8FTS25111120061
			5-23/32	2.2	AZ Top Plate	8FTP251111100AZ	8FTP251111200AZ
			5-23/32	2.2	00 Top Plate	8FTP25111110000	8FTP25111120000

# W9 Series Ro-To Fix Spring Cup Casters

## STANDARD FEATURES

- Attaches to wooden cabinets and furniture bases.
- Very low profile.
- Recesses into predrilled hole.
- No tools needed for installation.



Ro-To Fix  
Aluminum Body  
Caster  
(W9035RBLXFTCXXX)



Ro-To Fix  
Nylon Body  
Caster  
(8F000395094)

Overall Rim Dia. inch/(mm)	Hole Diameter inch/(mm)	Caster Capacity pounds/(Kg)	Insertion Depth inch/(mm)	Material Thickness inch/(mm)	Wheel Material	Overall Height* Reference Only inch/(mm)	Part No.
4-3/32 (104)	3-3/8 (86)	165 (75)	3/4 (19)	0.063 (1.6)	Nylon Tread/Nylon Core	3/4 (19)	W9035ABLXFTCXXX
4-3/32 (104)	3-3/8 (86)	165 (75)	3/4 (19)	0.063 (1.6)	Soft Rubber Tread/Nylon Core	3/4 (19)	W9035LXFTCXXX
4-3/32 (104)	3-3/8 (86)	165 (75)	3/4 (19)	0.063 (1.6)	Polyurethane Tread/Nylon Core	3/4 (19)	W9035QLXFTCXXX
2-15/16 (75)	2-1/2 (64)	75 (34)	5/8 (16)	0.125 (3)	Nylon Tread/Nylon Core	31/32 (25)	8F000395094

# Light-Medium Duty Total-Lock Swivel, Swivel and Rigid Plate Casters

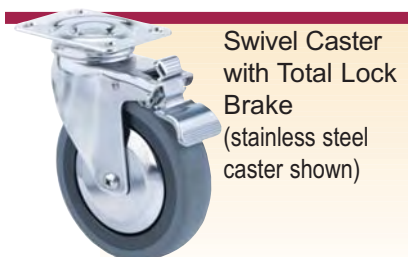
110 to 220 lb. capacity

1 1/4" wheel tread width

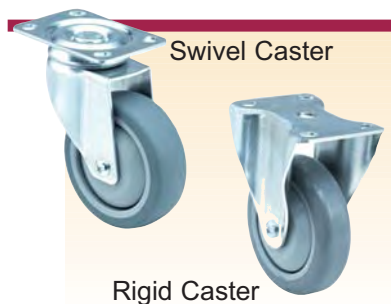
### STANDARD FEATURES

- **Two independent rows of hardened, polished ball bearings roll freely in lubricated raceways.**
- **Corrosion-resistant zinc finish.**
- **Total-lock swivel caster is ideal for institutional racks, laundry trucks, packaging equipment and more; locks both wheel and swivel.**
- **Brake lever is easy to access and operate.**

**These rugged casters roll smoothly and clean easily for all types of food handling, health care and commercial/ industrial applications. The foot-operated total-lock brake is available on all swivel casters.**



Swivel Caster with Total Lock Brake (stainless steel caster shown)



Swivel Caster  
Rigid Caster

Stainless steel casters are available in all sizes. Contact factory for ordering information.

### Wheel Types

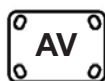
**Rubber**  
Thermoplastic non-marking rubber tread on plastic hub with ball bearings and threadguards.



**Urethane**  
Thermoplastic non-marking polyurethane tread on plastic hub with ball bearings and threadguards.



### Top Plate Specifications



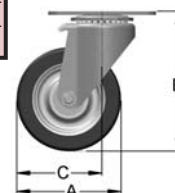
Bolt Hole Spacing: 1.77" x 2.95" slotted to 2.05" x 2.84"

Mounting Bolt Size: 5/16"

Overall Plate Size: 2-3/4" x 3-3/4"

A	Approximate Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B Height (inches)	C Swivel Radius* (inches)	Approximate Weight (pounds)	Total Lock Swivel Caster Part No.	Swivel Caster Part No.	Rigid Caster Part No.
<b>THERMOPLASTIC RUBBER TREAD WHEEL</b>										
3	1-1/4	1-1/4	110	Ball	4-3/16	4-1/4	1-3/4	8FC803H2600F1AV	8FC803H260011AV	8FC003H260011AV
4	1-1/4	1-1/4	175	Ball	5-5/16	4-1/4	2	8FC804H2600F1AV	8FC804H260011AV	8FC004H260011AV
5	1-1/4	1-1/4	220	Ball	6-5/16	4-1/4	2-1/8	8FC805H2600F1AV	8FC805H260011AV	8FC005H260011AV
<b>POLYURETHANE TREAD WHEEL</b>										
3	1-1/4	1-1/4	110	Ball	4-3/16	4-1/4	1-3/4	8FC803H2500F1AV	8FC803H250011AV	8FC003H250011AV
4	1-1/4	1-1/4	175	Ball	5-5/16	4-1/4	2	8FC804H2500F1AV	8FC804H250011AV	8FC004H250011AV
5	1-1/4	1-1/4	220	Ball	6-5/16	4-1/4	2-1/8	8FC805H2500F1AV	8FC805H250011AV	8FC005H250011AV

\* Swivel Radius represents a swivel caster with Total Lock Brake (Non Brake versions will be less). Weight represents a swivel caster with Total Lock Brake (Non Brake and Rigid versions will be less).

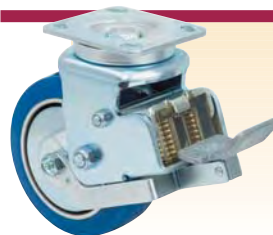


## Shock Absorbing Casters

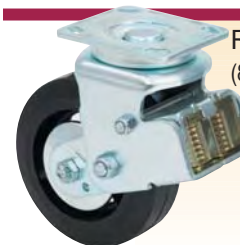
### STANDARD FEATURES

#### SHOCK ABSORBING CASTERS

- **The shock-absorbing mechanism protects loads from shock impact and vibrations and reduces bounce .**
- **Foot activated tread contact brake.**
- **Thread guard on wheels prevents threads, hair, tape, and other floor debris from accumulating on caster, restricting wheel rotation.**



Swivel Caster w/ Leading Edge Tread Brake (8W000328897)

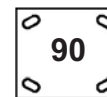


Rigid Caster (8W000328697)

A	Approximate Wheel Dia. (inches)	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B Height (inches)	C Swivel Radius* (inches)	Approximate Weight (pounds)†	Swivel Caster Part No.	Swivel Caster with Tread Lock Brake Part No.	Rigid Caster Part No.
<b>RUBBER SOFT TREAD WHEEL/IRON CORE (BLACK HUB/BLACK TREAD)</b>										
6	2	2	410	Roller	7-15/16	6-1/8	11-1/2	8W000328497	8W000328597	8W000328697
<b>POLYURETHANE SOFT TREAD WHEEL/ALUMINUM CORE (SILVER HUB/BLUE TREAD)</b>										
6	2	2	900	Roller	7-15/16	6-1/8	11-1/2	8W000328797	8W000328897	8W000328997

(\*) Swivel Radius represents a swivel caster with Tread Lock Brake (Non Brake versions will be less).

(†) Weight represents a swivel caster with Tread Lock Brake (Non Brake and Rigid will be less).



#### 90 Plate Dimensions

Overall Size: 4" x 4-1/2"  
Hole Spacing: 2-5/8" x 3-5/8" slotted to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 3/8"

# Five-Inch Wheel Diameter Cart Casters

MADE IN U.S.A.



**STANDARD FEATURES**

**SERIES 1F08 AND 1F00**

- Light-medium duty applications.
- Double row swivel construction.
- Zinc-plated finish for corrosion resistance and appearance.
- Heat treat hardened and factory lubricated swivel raceways.
- 5/16" diameter rivet axle.

**SERIES 1F38 AND 1F30**

- Medium duty applications.
- Double row swivel construction.
- Zinc-plated finish for corrosion resistance and appearance.
- Heat treat hardened and factory lubricated swivel raceways.
- 3/8" diameter nut and bolt axle.



190 to 280 lb. capacity  
1 1/4" wheel tread width

**SERIES 1F08**  
Double Row Swivel Plate Caster



**SERIES 1F00**  
One-piece Rigid Plate Caster

Top Plate Size  
Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"

OPTIONS: Consult Factory  
Side mount pinch type wheel brake.  
(Swivel casters only)  
5/16" diameter nut and bolt axle.



350 to 375 lb. capacity  
2" wheel tread width

**SERIES 1F38**  
Double Row Swivel Plate Caster



**SERIES 1F30**  
One-piece Rigid Plate Caster

Top Plate Size  
Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 3"  
Hole Diameter: 11/32"  
Bolt Diameter: 5/16"

OPTIONS: Consult Factory  
Side mount pinch type wheel brake.  
(Swivel casters only)  
Economical 3/8" diameter rivet axle.

## Wheel Types



**Cushionex Supreme**  
Black soft rubber tread molded to black hard rubber core.



**Spartan Supreme**  
Black hard rubber tread molded to black hard rubber core.



**Poly II Urethane**  
Red polyurethane tread molded to light gray polypropylene core.



**Poly II Rubber**  
Black thermoplastic rubber thread molded to light gray polypropylene core.

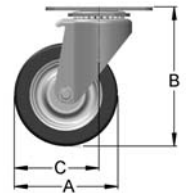


**Durafoam (Solid)**  
Black molded polypropylene.



**Duratex**  
Black phenolic resin reinforced with macerated fabric.

A	Approximate	Caster	Wheel	B	C	Approximate	Swivel Caster	Rigid Caster
Wheel Dia. (inches)	Tread Width (inches)	Capacity (pounds)	Bearing Type	Height (inches)	Swivel Radius (inches)	Weight (pounds)	Part No.	Part No.
<b>CUSHIONEX SUPREME WHEEL</b>								
5	1-1/4	190	Delrin	6	3-7/8	2-1/2	1F0855004000100	1F0055004000100
5	2	350	Delrin	6	4-3-16	4	1F3805004000100	1F3005004000100
5	2	350	Roller	6	4-3/16	3-3/4	1F3805404000100	1F3005404000100
<b>POLY II RUBBER WHEEL</b>								
5	2	350	Delrin	6	4-3/16	2-3/4	1F3805B26000100	1F3005B26000100
<b>SPARTAN SUPREME WHEEL</b>								
5	1-1/4	280	Delrin	6	3-7/8	2-1/2	1F0855009000100	1F0055009000100
5	2	375	Delrin	6	4-3/16	3-3/4	1F3805009000100	1F3005009000100
<b>DURAFOAM WHEEL</b>								
5	1-1/4	280	Plain	6	3-7/8	2	1F0855027000100	1F0055027000100
5	2	375	Plain	6	4-3/16	2-3/4	1F3805027000100	1F3005027000100
<b>POLY II URETHANE WHEEL</b>								
5	2	375	Delrin	6	4-3/16	2-3/4	1F3805B25000100	1F3005B25000100
<b>DURATEX WHEEL</b>								
5	2	375	Roller	6	4-3/16	3-3/4	1F3805438000100	1F3005438000100



# Pneumatic Wheel Casters

## STANDARD FEATURES

### PNEUMATIC WHEEL CASTERS

- **Double row swivel construction with extra large raceways for long service life.**
- **Heat treat hardened and factory lubricated swivel raceways with swivel grease fitting (Not 6").**
- **Full pneumatic wheel gives a cushioned ride to protect delicate loads. Provides very quiet operation and superior protection for floors.**



Swivel Caster with Total-Lock Brake  
(4FN8062540071AR)



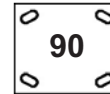
Swivel Caster with Strap Brake  
(8FN808254005190)

## Top Plate Choices



### AR Plate Dimensions

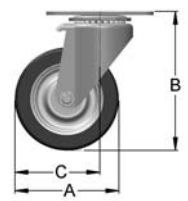
Overall Size: 2-3/4" x 3-3/4"  
Hole Spacing: 1-3/4" x 2-7/8" to 3"  
Hole Diameter: 11/32" x 13/32" slots  
Bolt Diameter: 5/16"



### 90 Plate Dimensions

Overall Size: 4" x 4-1/2"  
Hole Spacing: 2-5/8" x 3-5/8" to 3" x 3"  
Hole Diameter: 3/8" x 3/4" slots  
Bolt Diameter: 3/8"

A	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B	Height (inches)	C	Swivel Radius* (inches)	Approximate Weight (pounds)†	Swivel Caster Part No.	Swivel w/Brake Part No.	Rigid Caster Part No.
Wheel Dia. (inches)									Total-Lock (6") Strap Brake (8")		
<b>FULLY PNEUMATIC SOFT TREAD WHEEL/STEEL HUB (SILVER HUB/GRAY TREAD)</b>											
6	2	200	Ball	7-1/2	5-1/2	4-1/2		4	4FN8062540001AR	4FN8062540071AR	4FN3062540001AR
6	2	200	Ball	7-1/2	5-1/2	4-1/2		5	4FN806254000190	4FN806254007190	4FN306254000190
8	2.80/2.50-4	300	Ball	10	7	7		7	8FN808254000190	8FN808254005190	8FN308254000190
10	4.10/3.10-4	350	Ball	11-13/16	7-5/8	7-1/2		7-1/2	8FN80T254000190	N/A	8FN30T254000190
<b>FULLY PNEUMATIC SOFT TREAD WHEEL/STEEL HUB (SILVER HUB/BLACK TREAD)</b>											
6	2	200	Ball	7-1/2	5-1/2	4-1/2		4	4FN8062120001AR	4FN8062120071AR	4FN3062120001AR
6	2	200	Ball	7-1/2	5-1/2	4-1/2		5	4FN806212000190	4FN806212007190	4FN306212000190
8	2.80/2.50-4	300	Ball	10	7	7		7	8FN808212000190	8FN808212005190	8FN308212000190
10	4.10/3.10-4	350	Ball	11-13/16	7-5/8	7-1/2		7-1/2	8FN80T212000190	N/A	8FN30T212000190



(\* ) Swivel Radius on the 6" represents a swivel caster with Total-Lock Brake (Non Brake versions will be less).

† Weight represents a swivel caster (Brake version will be 1/2 lb. more and Rigid will be 1/2 lb. less).

# Foam Filled Wheel Casters

## STANDARD FEATURES FOAM FILLED WHEELCASTERS

- **Double row swivel construction with extra large raceways for long service life.**
- **Heat treat hardened and factory lubricated swivel raceways with swivel grease fitting (Not 6").**
- **Foam filled wheel gives a cushioned ride to protect delicate loads. Provides very quiet operation and superior protection for floors. Tires won't go flat.**



Swivel Caster with Total-Lock Brake  
(4FN8062610071AR)



Swivel Caster w/ Strap Brake  
(8FN808261005190)

A	Approximate Tread Width (inches)	Caster Capacity (pounds)	Wheel Bearing Type	B	Height (inches)	C	Swivel Radius* (inches)	Approximate Weight (pounds)†	Swivel Caster Part No.	Swivel w/Brake Part No.	Rigid Caster Part No.
Wheel Dia. (inches)									Total-Lock (6") Strap Brake (8")		
<b>FOAM FILLED SOFT TREAD WHEEL/STEEL HUB (SILVER HUB/GRAY TREAD)</b>											
6	2	200	Ball	7-1/2	5-1/2	4-1/2		4	4FN8062610001AR	4FN8062610071AR	4FN3062610001AR
6	2	200	Ball	7-1/2	5-1/2	4-1/2		5	4FN806261000190	4FN806261007190	4FN306261000190
8	2.80/2.50-4	300	Ball	10	7	7		7	8FN808261000190	8FN808261005190	8FN308261000190
10	4.10/3.10-4	350	Ball	11-13/16	7-5/8	7-1/2		7-1/2	8FN80T261000190	N/A	8FN30T261000190
<b>FOAM FILLED SOFT TREAD WHEEL/STEEL HUB (SILVER HUB/BLACK TREAD)</b>											
6	2	200	Ball	7-1/2	5-1/2	4-1/2		4	4FN8062710001AR	4FN8062710071AR	4FN3062710001AR
6	2	200	Ball	7-1/2	5-1/2	4-1/2		5	4FN806271000190	4FN806271007190	4FN306271000190
8	2.80/2.50-4	300	Ball	10	7	7		7	8FN808271000190	8FN808271005190	8FN308271000190
10	4.10/3.10-4	350	Ball	11-13/16	7-5/8	7-1/2		7-1/2	8FN80T271000190	N/A	8FN30T271000190

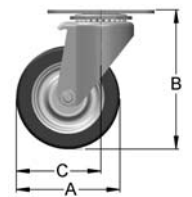


Plate choices same as above

(\* ) Swivel Radius on the 6" represents a swivel caster with Total-Lock Brake (Non Brake versions will be less).

† Weight represents a swivel caster (Brake version will be 1/2 lb. more and Rigid will be 1/2 lb. less).

# Powder Coated Drum Dollies



## STANDARD FEATURES

- Heavy duty steel construction.
- Spotwelded for extra strength.
- Gray powder coat enamel finish.
- The five outriggered casters provide a wider stance and shorter distance between wheels for extra stability.
- Polypropylene and semi-steel wheels are impervious to fat, acid, and grease.

### Optional sixth caster part numbers:

**Polypropylene:**  
3 x 1-1/4"

**2F9803027000100**  
5 x 2"

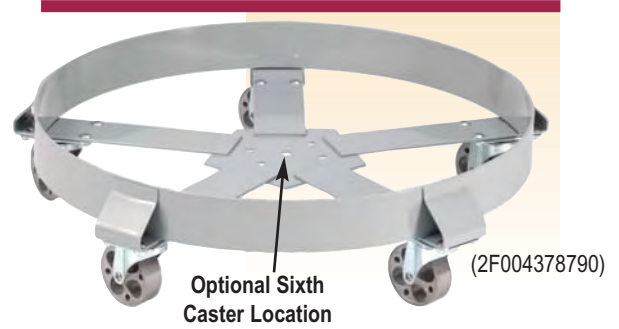
**1F3805027000100**  
Semi-steel:

**2F9803011000100**

Four Wheel Drum Dolly



Five Wheel Drum Dolly



Drum Size (Gallons)	Dolly Model Number	Dolly Capacity (pounds)	Overall Height (inches)	Inside Dimension (inches)	Outside Dimensions (inches)	Wheel Type	Wheel Size (inches)	Wheel Bearing	Replacement Caster Pack Number
<b>FOUR WHEEL DRUM DOLLIES</b>									
30	2F000249990	1000	6-1/2	19-1/8	19-1/2	Polyolefin	3 x 1-1/4	Plain	2J000247894
55	2F000249890	1000	6-1/2	23-1/8	23-1/2	Polyolefin	3 x 1-1/4	Plain	2J000247894
55	1F000249790	1400	6-1/2	23-1/8	23-1/2	Polyolefin	3 x 1-3/4	Roller	1J000247794
<b>FIVE WHEEL DRUM DOLLIES</b>									
55	2F004378690	1250	6-1/2	23-1/8	23-1/2	Polyolefin	3 x 1-1/4	Plain	2J000273294
55	2F004378790	1400	6-1/2	23-1/8	23-1/2	Semi-Steel	3 x 1	Plain	2J000270294
55	1F004445390	1400	8-3/4	23-1/8	23-1/2	Polyolefin	5 x 2	Plain	1J000364994

## STANDARD FEATURES

- Heavy duty steel construction.
- Spotwelded for extra strength.
- 304 stainless steel material.
- The five outriggered casters provide a wider stance and shorter distance between wheels for extra stability.
- Polypropylene wheels are impervious to fat, acid, and grease.

### Choice of stainless steel and zinc plated casters.

### Optional zinc sixth caster part numbers:

**Polypropylene 3" x 1-1/4":**  
**2F9803027000100**

**Polypropylene 5" x 2":**  
**1F3805027000100**

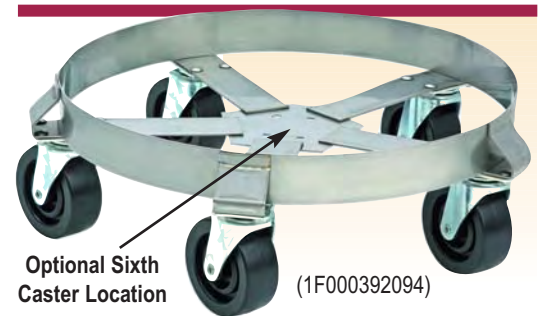
### Optional stainless steel sixth caster part number:

**Polypropylene 3" x 1-1/4":**  
**7F08A3127080FAM**

Four Wheel Drum Dolly



Five Wheel Drum Dolly



Drum Size (Gallons)	Dolly Model Number	Dolly Capacity (pounds)	Overall Height (inches)	Inside Dimension (inches)	Outside Dimensions (inches)	Wheel Type	Wheel Size (inches)	Caster Type	Replacement Caster Pack Number
<b>FOUR WHEEL DRUM DOLLIES</b>									
30	7F000391394	800	6-1/2	19-1/8	19-1/2	Polyolefin	3 x 1-1/4	Stainless Steel	7J030373594
55	7F000391494	800	6-1/2	23-1/8	23-1/2	Polyolefin	3 x 1-1/4	Stainless Steel	7J030373594
55	2F000391594	800	6-1/2	23-1/8	23-1/2	Polyolefin	3 x 1-3/4	Clear zinc	2J000385594
<b>FIVE WHEEL DRUM DOLLIES</b>									
55	7F000391694	1100	6-1/2	23-1/8	23-1/2	Polyolefin	3 x 1-1/4	Stainless Steel	7J030373694
55	2F000391894	1100	6-1/2	23-1/8	23-1/2	Polyolefin	3 x 1-1/4	Clear zinc	2J000385694
55	1F000392094	1100	8-3/4	23-1/8	23-1/2	Polyolefin	5 x 2	Clear zinc	1J000374694

## Sockets

## Round Tube



(1G000186994) (1G000125594) (1G000125694)



(1G000112094) (1G000212797) (1G000222697)

## Square Tube



(1G000557794) (1G000491494)

## Hole in Wood



(1J000227797) (1G000207494)

## Stem Types

01 – 7/16" diameter x 1-3/8" long friction ring stem

02 – 7/16" diameter x 1-29/32" long round stem

03 – 7/16" diameter x 1-29/32" long friction ring stem

TUBE TYPE			Hole O.D. (inches)	Minimum Hole Depth	Socket Material	Use with Stem Type	Socket Part No.
O.D. (inches)	Gauge	I.D. (inches)					
<b>ROUND TUBE</b>							
0.750	18	0.652	–	–	Plastic	01, 03	1G000112094
1.000	18	0.902	–	–	Plastic	01, 03	1G000125694
1.000	18	0.902	–	–	Metal	02	1G000212797
1.000	16	0.870	–	–	Plastic	01, 03	1G000125594
1.000	16	0.870	–	–	Metal	02	1G000222697
1.250	14	1.084	–	–	Plastic	01, 03	1G000186994
<b>SQUARE TUBE</b>							
1.000	18	0.902	–	–	Plastic	01	1G000491494
1.000	16	0.870	–	–	Plastic	01	1G000557794
<b>HOLE IN WOOD</b>							
–	–	–	0.563	1.75	Plastic	01	1G000207494
–	–	–	0.563	1.94	Metal	01, 03	1J000227797

## Pipe Thread Adapters

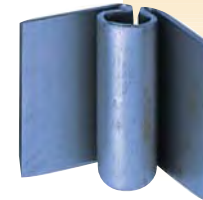
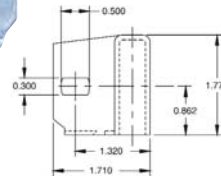
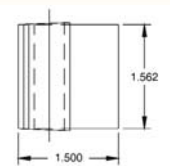
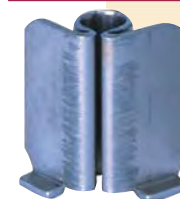
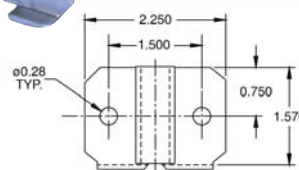
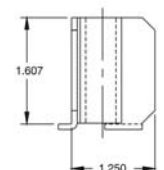
(for use with #61 &amp; #10 threaded Stems)

For Caster Series: 2F69, 2F99,  
1F29, 3F09, 3F29, 1F59Pipe Thread  
Adapters  
Zinc Finish

## Pipe Thread Adapters

Adapter  
Number      Thread Size  
(NPT)7G000408197      3/4"  
7G000408297      1"

## Brackets (for use with Type 01 Stem)

Outside Angle  
Bolted  
(1G000248897)  
Zinc-Plated FinishInside Angle  
Welded  
(1G000241294)  
Raw (unplated)  
FinishFlat Surface  
Welded or Bolted  
(1G000187094)  
Raw (unplated) FinishInside Angle  
Welded  
(1G000220694)  
Raw (unplated)  
Finish

# TPR Soft Rubber Wheels



TPR Soft Rubber wheels are thermoplastic rubber treads bonded to polyolefin hubs. These wheels are ideal in food service and institutional applications. They provide a soft quiet cushioned ride that protects floors and are resistant to most solvents and chemicals. These wheels have superior rollability and are ideal for handling heavy or bulky loads. They are a cost effective wheel that can be used in a variety of applications. These wheels come with a precision ball

bearing with thread guards or a Delrin bearing. Standard colors are gray tread on a black hub for 1" wide wheels and gray tread on a light gray hub for all other sizes. They come with a donut tread as well as a flat tread. Flat tread wheels are also available in black tread on a black hub.

Temperature range: -40°F to 180°F.

Tread hardness: 65 to 75 Shore A.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Tread/Hub Color	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>SUPER SOFT TRP RUBBER WHEEL - FLAT TREAD</b>										
3	1	100	2F68, 69, 1F63, / 7F68, 60, 69	Gray/Black	Plain	1-1/4	5-16	No	5-16	7G003222094
3	1	100	2F68, 69, 1F63, / 7F68, 60, 69	Black/Black	Plain	1-1/4	5-16	No	5-16	7G003225394
3	1-1/4	200	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003226394
3	1-1/4	200	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003226494
3	1-1/4	200	3F08, 03, 09 / 7F08, 03, 09	Black/Black	Delrin	1-1/2	1/2	Yes	3/8	7G003225994
3-1/2	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223394
3-1/2	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Black/Black	Precision Ball	1-5/8	3/8	No	3/8	7G003228594
3-1/2	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003226794
3-1/2	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Black/Black	Delrin	1-1/2	1/2	Yes	3/8	7G003224894
4	1	115	2F68, 69, 1F63, / 7F68, 60, 69	Gray/Black	Plain	1-1/4	5-16	No	5-16	7G003222394
4	1	115	2F68, 69, 1F63, / 7F68, 60, 69	Black/Black	Plain	1-1/4	5-16	No	5-16	7G003224994
4	1-1/4	275	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223994
4	1-1/4	275	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003226894
4	1-1/4	275	3F08, 03, 09 / 7F08, 03, 09	Black/Black	Delrin	1-1/2	1/2	Yes	3/8	7G003226094
5	1	125	2F68, 69, 1F63, / 7F68, 60, 69	Gray/Black	Plain	1-1/4	5/16	No	5/16	7G003225194
5	1	125	2F68, 69, 1F63, / 7F68, 60, 69	Black/Black	Plain	1-1/4	5/16	No	5/16	7G003225294
5	1-1/4	300	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003224594
5	1-1/4	300	3F08, 03, 09 / 7F08, 03, 09	Black/Black	Precision Ball	1-5/8	3/8	No	3/8	7G003231894
5	1-1/4	300	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003226994
5	1-1/4	300	3F08, 03, 09 / 7F08, 03, 09	Black/Black	Delrin	1-1/2	1/2	Yes	3/8	7G003225094
5	2	375	1F88, 83 / 8W88, 83 / 7F88, 83	Gray/Gray	Delrin	2-3/8	3/4	Yes	1/2	7G003227494
6	2	600	1F88, 83 / 8W88, 83 / 7F88, 83	Gray/Gray	Delrin	2-3/8	3/4	Yes	1/2	7G003227794
8	2	675	1F88, 83 / 8W88, 83 / 7F88, 83	Gray/Gray	Delrin	2-3/8	3/4	Yes	1/2	7G003228194
<b>SUPER SOFT TRP RUBBER WHEEL - DONUT TREAD</b>										
3	1-1/4	175	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003229694
3	1-1/4	175	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003229594
3-1/2	1-1/4	225	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223294
3-1/2	1-1/4	225	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003226694
4	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223794
4	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003223894
5	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003224394
5	1-1/4	250	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003224494
5	2	325	1F88, 83 / 8W88, 83 / 7F88, 83	Gray/Gray	Plain*	2-3/8	3/4	Yes	1/2	7G003230994
6	1-1/4	300	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003227094
6	1-1/4	300	3F08, 03, 09 / 7F08, 03, 09	Gray/Gray	Delrin	1-1/2	1/2	Yes	3/8	7G003227194
6	2	450	1F88, 83 / 8W88, 83 / 7F88, 83	Gray/Gray	Delrin	2-3/8	3/4	Yes	1/2	7G003227894
6	2	450	1F88, 83 / 8W88, 83 / 7F88, 83	Gray/Gray	Plain*	2-3/8	3/4	Yes	1/2	7G003231094
8	2	500	1F88, 83 / 8W88, 83 / 7F88, 83	Gray/Gray	Plain*	2-3/8	3/4	Yes	1/2	7G003231194

(\* ) These wheels can be fitted for Delrin, or roller bearing.

# Cushionex Supreme Wheels



Cushionex Supreme all rubber wheels consist of a black soft rubber tread molded to a black hard rubber core. Recommended for light to medium loads on hard surfaced floors, Cushionex wheels provide excellent load protection,

quiet operation, and absorb shock and vibration. Recommended operating temperature range is -20°F to 125°F. Tread Durometer: 70 to 85 Shore A.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>CUSHIONEX SUPREME WHEEL</b>									
2	Ball	75	9F78, 79	Sintered	—	1/4	No	1/4	1G003136794
2	13/16	75	9F48, 49 / 1F40	Delrin	15/16	1/4	No	1/4	1G003109994
2	13/16	75	9F48, 49	Delrin	15/16	3/8	Yes*	1/4	1G003110394
2	13/16	75	1F58, 53, 59	Delrin	15/16	3/8	No	3/8	1G003110394
2-1/2	13/16	90	9F48, 49	Delrin	15/16	1/4	No	1/4	1G003111394
2-1/2	13/16	90	9F48, 49	Delrin	15/16	3/8	Yes*	1/4	1G003111794
2-1/2	13/16	90	1F58, 53, 59	Delrin	15/16	3/8	No	3/8	1G003111794
2-1/2	1-1/8	120	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003105094
2-1/2	1-1/8	120	2F98, 99 / 1F90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003105494
3	13/16	100	9F48, 49	Delrin	15/16	1/4	No	1/4	1G003102694
3	13/16	100	9F48, 49	Delrin	15/16	3/8	Yes*	1/4	1G003103494
3	13/16	100	1F58, 53, 59	Delrin	15/16	3/8	No	3/8	1G003103494
3	1	100	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003182194
3	1	100	2F68, 69 / 1F60, 63	Sintered	1-1/8	7/16	Yes*	5/16	1G003146494
3	1-1/4	125	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003106294
3	1-1/4	125	2F98, 99 / 1F90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003106694
3-1/2	1-1/4	155	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003182194
3-1/2	1-1/4	155	Americaster	Sintered	1-1/2	5/8	Yes*	3/8	1G003187394
4	1	115	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003100294
4	1	115	2F68, 69 / 1F60, 63	Sintered	1-1/8	7/16	Yes*	5/16	1G003100694
4	1-1/4	165	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003107494
4	1-1/4	165	2F98, 99 / 1F90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003107894
4	1-1/4	165	Americaster	Delrin	1-27/64	3/8	No	3/8	1G003182294
4	1-3/8	200	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003124094
4	1-3/8	200	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003131294
4	1-3/8	200	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003125294
4	1-5/8	240	1FPO, PR	Delrin	1-27/32	5/8	Yes*	3/8	1G003193994
5	1	125	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003101494
5	1	125	2F68, 69 / 1F60, 63	Sintered	1-1/8	7/16	Yes*	5/16	1G003101894
5	1-1/4	190	2F98, 99 / 1F00, 08, 90, 93	Delrin	1-27/64	5/16	No	5/16	1G003108694
5	1-1/4	190	2F98, 99 / 1F00, 08, 90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003109094
5	1-1/4	200	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003182394
5	1-1/4	190	1F00, 08	Delrin	1-1/2	5/16	No	5/16	1G003164894
5	1-3/8	240	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003124494
5	1-3/8	240	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003130394
5	1-3/8	240	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003124894
5	2	350	1F38, 30	Delrin	2-1/4	3/8	No	3/8	1G003169494
5	2	350	1F38, 30	Roller	2-1/4	3/8	No	3/8	1J003176394
6	1-3/8	280	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003126594
6	1-3/8	280	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003131694
6	1-3/8	280	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003126994

AC = Americaster Series

\* Consult factory for spanner required to match axle size.

# Conductive Soft Rubber Wheels



Conductive soft rubber wheels consist of a black soft rubber tread molded to a black hard rubber core and have surface resistivity of >10<sup>5</sup> to < 10<sup>9</sup> ohms when new. Recommended

for light to medium loads where an electrical shock could be harmful. Recommended operating temperature range is -20°F to 125°F. Tread Durometer: 70 to 85 Shore A.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>SPARTAN SUPREME WHEEL</b>									
3	1	100	2F68, 69 / 1F60, 63	Sintered	1-1/8	5/16	No	5/16	1G003146294
3	1-1/4	125	2F98, 99 / 1F90, 93	Sintered	1-27/64	5/16	No	5/16	1G003106394
4	1	115	2F68, 69 / 1F60, 63	Sintered	1-1/8	5/16	No	5/16	1G003100394
4	1-1/4	165	2F98, 99 / 1F90, 93	Sintered	1-27/64	5/16	No	5/16	1G003107594
4	1-3/8	200	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003199294
5	1	125	2F68, 69 / 1F60, 63	Sintered	1-1/8	5/16	No	5/16	1G003101594
5	1-1/4	190	2F98, 99 / 1F90, 93	Sintered	1-27/64	5/16	No	5/16	1G003108794
5	1-3/8	240	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003199394
5	2	350	1F38, 30	Sintered	2-1/4	3/8	No	3/8	1G003175094

AC = Americaster Series

\* Consult Factory for spanner required to match axle size.



# Poly II Rubber Wheels



Poly II Rubber wheels are injection co-molded from a dark gray thermo-plastic soft rubber tread molded and mechanically locked to a light gray polypropylene plastic core (13/16" wide wheels have a black core). Two-inch tread width wheels have a black tread and light gray core. Recommended for light to medium loads on carpeted and hard surfaced floors. Poly II Rubber wheels provide excellent floor protection,

abrasion resistance, good impact strength, quiet operation, and rolling ease. They are non-marking, and resistant to water, oil, and most acids and chemicals. Recommended operating temperature range is -20°F to 160°F. Poly II Rubber wheels are available with plain, delrin, ball or roller bearing. Special colors available in quantity. Tread Durometer: 90 to 100 Shore A.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>POLY II RUBBER WHEEL</b>									
3	1	125	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003188594
3	1	125	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003188694
3	1-1/4	210	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003308194
3	1-1/4	210	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003311094
3-1/2	1-1/4	250	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003189594
3-1/2	1-1/4	250	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003310594
3-1/2	1-1/4	250	Americaster	Ball	1-1/2	3/8	No	3/8	1J003182994
4	1	135	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003189494
4	1	135	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003189594
4	1-1/4	275	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003308494
4	1-1/4	275	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003310194
4	1-1/4	250	Americaster	Ball	1-1/2	3/8	No	3/8	1J003184294
4	1-1/4	275	Americaster	Roller	1-1/2	3/8	No	3/8	1J003184394
4	1-1/2	275	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003309794
4	1-1/2	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003179994
4	1-1/2	275	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003180094
4	1-1/2	275	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes*	3/8	1G003180194
4	2	300	1F88,83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003198094
4	2	300	1F88,83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003198194
5	1	145	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003190394
5	1	145	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003190494
5	1-1/4	280	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003308894
5	1-1/4	300	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003178394
5	1-1/4	250	Americaster	Ball	1-1/2	3/8	No	3/8	1J003178494
5	1-1/4	300	Americaster	Roller	1-1/2	3/8	No	3/8	1J003178594
5	1-1/2	300	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003309494
5	1-1/2	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003177294
5	1-1/2	300	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003177394
5	1-1/2	300	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes*	3/8	1G003177494
5	2	325	1F88,83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003195194
5	2	325	1F88,83 / 4F88, 83	Delrin	2-3/16	3/4	Yes*	1/2	1G003195394
5	2	325	1F88,83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003192594
6	1-1/2	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003181194
6	1-1/2	300	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003309094
6	1-1/2	300	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003181294
6	1-1/2	300	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes*	3/8	1G003181394
6	2	400	1F88,83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003195794
6	2	400	1F88,83 / 4F88, 83	Delrin	2-3/16	3/4	Yes*	1/2	1G003195994
6	2	400	1F88,83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003192794
8	2	475	1FA8, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003192994

AC = Americaster Series

\* Consult factory for spanner required to match axle size.

# Mold-On Rubber Wheels

Mold-on rubber wheels consist of a soft black rubber tread permanently bonded to an aluminum core. Recommended for light to medium loads on hard surfaced floors. Mold-on rubber wheels pro-

vide excellent floor and load protection, quiet operation, and absorb shock and vibration. Recommended operating temperature range is -20°F to 160°F. Tread Durometer: 70 to 85 Shore A.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>MOLD-ON RUBBER WHEEL</b>									
4	2	300	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003144194
5	2	350	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003164094
6	2	410	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003163994
8	2	500	1FA8, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003163894

(\*) Consult factory for spanner required to match axle size.

## Mold-On Polyurethane Wheels



Mold-on polyurethane wheels consist of a red or blue polyurethane tread molded and mechanically locked to an aluminum core. Recommended for medium to heavy loads on carpeted and hard surfaced floors. Mold-on polyurethane

wheels provide good floor protection, quiet operation, abrasion resistance, rolling ease, impact resistance, and are non-marking. Recommended operating temperature range is -20°F to 180°F. Tread Durometer: 50 to 60 Shore D.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Wheel Color Tread/Hub	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>MOLD-ON POLYURETHANE WHEEL</b>										
4	2	750	Red/Aluminum	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003205494
4	2	750	Blue/Aluminum	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003205594
5	2	1050	Red/Aluminum	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003185794
5	2	1050	Blue/Aluminum	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003200794
6	2	1200	Red/Aluminum	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003185694
6	2	1200	Blue/Aluminum	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003200894
8	2	1350	Red/Aluminum	1FA8, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003142794
8	2	1350	Blue/Aluminum	1FA8, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003200994

## Pneumatic Wheels



Pneumatic wheels gives a cushioned ride to protect delicate loads. Provides very quiet operation and superior protection for floors. Three piece steel hub comes standard with zinc

plating. Not intended for towing applications. Wheels are fully inflated at 50 P.S.I.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Tread Type	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>GRAY PNEUMATIC WHEEL</b>										
6	2	200	4FN8, N3 / 1FN8, N3	Knobby	Ball	3-1/4	3/4	Yes*	1/2	8G003215594
8	2.80/2.50	300	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	8G003280594
10	4.10/3.10	350	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	7G003305794
<b>BLACK PNEUMATIC WHEEL</b>										
6	2	200	4FN8, N3 / 1FN8, N3	Knobby	Ball	3-1/4	3/4	Yes*	1/2	8G003225794
8	2.80/2.50	300	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	8G003280894
10	4.10/3.10	350	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	8G003238094

(\* ) Consult factory for spanner required to match axle size.

## Foam Filled Wheels



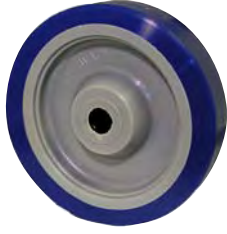
Foam filled wheels gives a cushioned ride to protect delicate loads. Provides very quiet operation and superior protection for floors. Three piece steel hub comes standard with zinc

plating. Not intended for towing applications. Under normal use wheels won't go flat.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Tread Type	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>GRAY FOAM FILLED WHEEL</b>										
6	2	200	4FN8, N3 / 1FN8, N3	Knobby	Ball	3-1/4	3/4	Yes*	1/2	8G003236594
8	2.80/2.50	300	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	7G003280694
10	4.10/3.10	350	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	8G003311994
<b>BLACK FOAM FILLED WHEEL</b>										
6	2	200	4FN8, N3 / 1FN8, N3	Knobby	Ball	3-1/4	3/4	Yes*	1/2	8G003237794
8	2.80/2.50	300	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	8G003237894
10	4.10/3.10	350	8FN8, N3	Sawtooth	Ball	3-1/4	3/4	Yes*	1/2	8G003237994

(\* ) Consult factory for spanner required to match axle size.

# Poly II Urethane Wheels



Poly II Urethane wheels are injection co-molded from a dark blue polyurethane tread molded and mechanically locked to light gray polypropylene plastic core. Two-inch tread width wheels have a red tread and light gray core. Recommended for light to heavy loads on carpeted and hard surfaced floors. Poly II Urethane wheels provide excellent floor protection, abrasion resistance, rolling ease, good impact

strength, and quiet operation. They are non-marking, and resistant to water, oil, and most acids and chemicals. Recommended operating temperature range is -20°F to 180°F. Poly II Urethane wheels are available with plain, Delrin, ball, or roller bearing. Special colors available in quantity. Tread Durometer: 50 to 60 Shore D.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>POLY II URETHANE WHEEL</b>									
3	1	125	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003188294
3	1	125	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003188394
3	1-1/4	210	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003308094
3	1-1/4	210	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003310994
3-1/2	1-1/4	250	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003186094
3-1/2	1-1/4	250	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003310494
3-1/2	1-1/4	250	Americaster	Ball	1-1/2	3/8	No	3/8	1J003182594
3-1/2	1-1/4	250	Americaster	Roller	1-1/2	3/8	No	3/8	1J003182694
4	1	140	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003189194
4	1	140	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003189294
4	1-1/4	250	Americaster	Ball	1-1/2	3/8	No	3/8	1J003183894
4	1-1/4	275	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003308394
4	1-1/4	275	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003310094
4	1-1/4	275	Americaster	Roller	1-1/2	3/8	No	3/8	1J003183994
4	1-1/2	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003179594
4	1-1/2	375	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003309694
4	1-1/2	375	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003179694
4	1-1/2	375	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes*	3/8	1G003179794
4	2	600	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003198394
4	2	600	1F88, 83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003198494
5	1	145	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003190094
5	1	145	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003190194
5	1-1/4	250	Americaster	Ball	1-1/2	3/8	No	3/8	1J003178094
5	1-1/4	280	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003308794
5	1-1/4	300	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003177994
5	1-1/4	300	Americaster	Roller	1-1/2	3/8	No	3/8	1J003178194
5	1-1/2	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003176894
5	1-1/2	450	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003309394
5	1-1/2	450	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003176994
5	1-1/2	450	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes*	3/8	1G003177094
5	2	750	1F88, 83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003195294
5	2	750	1F88, 83 / 4F88, 83	Delrin	2-3/16	3/4	Yes*	1/2	1G003195494
5	2	750	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003192694
6	1-1/2	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003180794
6	1-1/2	450	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003308994
6	1-1/2	450	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003180894
6	1-1/2	450	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes*	3/8	1G003180994
6	2	900	1F88, 83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003195894
6	2	900	1F88, 83 / 4F88, 83	Delrin	2-3/16	3/4	Yes*	1/2	1G003196094
6	2	900	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003192894
8	2	900	1FA8, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003193094

AC = Americaster Series

\* Consult factory for spanner required to match axle size.

# Navigator Wheels

The Navigator wheel with its' patented technology, is designed to transition over uneven surfaces and absorb impacts. The internal springs contained within the wheel accomplish this as compared to other casters which have an external suspension . TPR Rubber wheel for better

traction and Polyurethane for longer wear. Recommended operating temperature range is -20°F to 160°F for TPR Rubber and -20°F to 180°F for Polyurethane. Tread Durometer: 60-80 Shore A for TPR Rubber and 50 to 70 Shore D for the Polyurethane.



TPR Rubber



Polyurethane

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Tread Type	Caster Series Used In	Bearing Type	Hub Width (inches)	Fits Axle Size (inches)	Wheel Part No.
<b>NAVIGATOR WHEEL</b>								
6	2	200	TPR Rubber	1F88, 83 / 4F88, 83 / 8W88, 83	Bronze	2-3/16	1/2	8G003305894
6	2	200	Polyurethane	1F88, 83 / 4F88, 83 / 8W88, 83	Bronze	2-3/16	1/2	8G003305994

# Durafoam Wheels

Durafoam wheels are one-piece injection molded from black polypropylene plastic. Recommended for light to heavy loads on carpeted and hard surfaced floors. Durafoam wheels provide good floor protection and impact strength, excellent rolling ease, are non-marking, and resistant to water, oil, and most acids and chemicals.

Recommended operating temperature range is 10°F to 180°F. Durafoam wheels require no bearing and are ideal for corrosive applications which cause continual bearing replacement. Tread Durometer: 60 to 75 Shore D.



Dished



Solid

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Wheel Design	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>DURAFOAM WHEEL</b>										
2	3/4	100	Dished	9F48, 49 / 1F40	Plain	15/16	1/4	No	1/4	1G003168594
2	3/4	100	Dished	1F58, 53, 59	Plain	15/16	3/8	No	3/8	1G003170394
2-1/2	13/16	115	Dished	9F48, 49	Plain	15/16	1/4	No	1/4	1G003185294
2-1/2	1-1/4	175	Dished	2F98, 99 / 1F93	Plain	1-27/64	5/16	No	5/16	1G003164294
3	3/4	125	Dished	9F48, 49	Plain	15/16	1/4	No	1/4	1G003170594
3	3/4	125	Dished	1F58, 53, 59	Plain	15/16	3/8	No	3/8	1G003170694
3	1	125	Solid	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003159394
3	1	125	Solid	2F68, 69 / 1F60, 63	Plain	1-1/8	7/16	Yes*	5/16	1G003159494
3	1-1/4	210	Dished	2F98, 99 / 1F90, 93	Plain	1-27/64	5/16	No	5/16	1G003167194
3	1-1/4	210	Solid	2F98, 99 / 1F90, 93	Plain	1-27/64	5/16	No	5/16	1G003145294
3	1-1/4	210	Solid	2F98, 99 / 1F90, 93	Plain	1-27/64	7/16	Yes*	5/16	1G003162894
3	1-3/4	350	Solid	1F58, 53, 59	Roller	1-7/8	3/8	No	3/8	1J003161494
3	1-3/4	350	Solid	1F58, 53, 59	Sintered	1-7/8	3/8	No	3/8	1J003148794
4	1	140	Dished	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003169394
4	1	140	Solid	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003144694
4	1	140	Solid	2F68, 69 / 1F60, 63	Plain	1-1/8	7/16	Yes*	5/16	1G003164394
4	1-1/4	255	Solid	2F98, 99 / 1F90, 93	Plain	1-27/64	5/16	No	5/16	1G003144494
4	1-1/4	255	Solid	2F98, 99 / 1F90, 93	Plain	1-27/64	7/16	Yes*	5/16	1G003161394
4	1-3/8	300	Solid	1F28, 23, 29	Plain	1-1/2	3/8	No	3/8	1G003147094
4	1-1/2	300	Dished	1F28, 23, 29	Roller	1-5/8	3/8	No	3/8	1J003161694
5	1	145	Dished	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003167794
5	1	145	Solid	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003170794
5	1-1/4	280	Dished	2F98, 99 / 1F00, 08, 90, 93	Plain	1-27/64	5/16	No	5/16	1G003159194
5	1 1/4	280	Solid	2F98, 99 / 1F00, 08, 90, 93	Plain	1-1/2	5/16	No	5/16	1G003169594
5	1 1/4	280	Solid	2F98, 99 / 1F90, 93	Plain	1-27/64	5/16	No	5/16	1G003210894
5	1 1/4	280	Solid	2F98, 99 / 1F90, 93	Sintered	1-1/2	5/16	No	5/16	1G003170494
5	1-3/8	350	Solid	1F28, 23, 29	Plain	1-1/2	3/8	No	3/8	1G003147194
5	1-1/2	350	Dished	1F28, 23, 29	Roller	1-5/8	3/8	No	3/8	1J003195094
5	2	450	Solid	1F38, 30	Plain	2-1/4	3/8	No	3/8	1G003185194
5	2	450	Dished	1F38, 30	Roller	2-3/16	3/8	No	3/8	1J003167094
6	1-3/8	400	Solid	1F28, 23, 29	Roller	1-1/2	3/8	No	3/8	1J003148194
6	1-3/8	400	Solid	1F28, 23, 29	Plain	1-1/2	3/8	No	3/8	1G003147294
6	1-1/2	400	Dished	1F28, 23, 29	Plain	1-5/8	3/8	No	3/8	1G003174494
6	1-1/2	400	Dished	1F28, 23, 29	Roller	1-5/8	3/8	No	3/8	1J003161994

\* Consult Factory for spanner required to match axle size.

# Poly II Poly Wheels



Poly II Poly wheels are injection co-molded from a black polypropylene tread molded and mechanically locked to a black polypropylene plastic core. Recommended for light to heavy loads on carpeted and hard surfaced floors. Poly II Poly wheels provide good floor protection, abrasion resistance, rolling ease, good impact strength

and quiet operation. They are non-marking, are resistant to water, oil, and most acids and chemicals. Recommended operating temperature range is -20°F to 180°F. Poly II Poly wheels are available with a choice of plain, Delrin, ball, or roller bearings. Special colors available in quantity. Tread Durometer: 60 to 75 Shore D.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>POLY II POLY WHEEL</b>									
3	1	125	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003188894
3	1	125	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003188994
3	1-1/4	210	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003311194
3	1-1/4	210	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003191694
3-1/2	1-1/4	250	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003186294
3-1/2	1-1/4	250	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003310694
3-1/2	1-1/4	250	Americaster	Ball	1-1/2	3/8	No	3/8	1J003183394
3-1/2	1-1/4	250	Americaster	Roller	1-1/2	3/8	No	3/8	1J003183494
3-1/2	1-1/4	250	Americaster	Delrin	1-1/2	5/8	Yes	3/8	1G003183594
4	1	140	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003189794
4	1	140	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003189894
4	1-3/8	275	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003311794
4	1-3/8	375	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003311394
4	1-3/8	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003216894
4	1-3/8	375	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003211994
4	1-3/8	375	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes	3/8	1G003212094
4	2	400	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes	1/2	1J003198694
4	2	400	1F88, 83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003198794
5	1	145	2F68, 69 / 1F60, 63	Plain	1-1/8	5/16	No	5/16	1G003190694
5	1	145	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003190794
5	1	145	2F68, 69 / 1F60, 63	Plain	1-1/8	7/16	Yes	5/16	1G003190894
5	1-3/8	280	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003311494
5	1-3/8	450	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003311594
5	1-3/8	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003216994
5	1-3/8	450	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003212394
5	1-3/8	450	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes	3/8	1G003212494
5	2	750	1F88, 83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003196794
5	2	750	1F88, 83 / 4F88, 83	Delrin	2-3/16	3/4	Yes	1/2	1G003196894
5	2	750	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes	1/2	1J003196694
6	1-3/8	450	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003311694
6	1-3/8	250	1F28, 23, 29 / AC	Ball	1-1/2	3/8	No	3/8	1J003217094
6	1-3/8	450	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003212694
6	1-3/8	450	1F28, 23, 29 / AC	Delrin	1-1/2	5/8	Yes	3/8	1G003212794
6	2	900	1F88, 83 / 4F88, 83	Delrin	2-3/16	1/2	No	1/2	1G003197194
6	2	900	1F88, 83 / 4F88, 83	Delrin	2-3/16	3/4	Yes	1/2	1G003197294
6	2	900	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes	1/2	1J003197094
8	2	900	1FA8, 83	Roller	2-3/16	3/4	Yes	1/2	8G003219894

AC = Americaster Series

# High Temperature Nylon Glass Filled Wheels

High temperature nylon glass filled wheels are manufactured from fiberglass and reinforced with nylon. Intended for high temperature applications and are non-marking, easy rolling, and have high

impact resistance. Impervious to acids, moisture, and harsh chemicals. Recommended operating temperature range is -20°F to 475°F - 550°F intermittent.

Tread Durometer: 60 to 70 Shore D.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>HIGH TEMPERATURE NYLON GLASS FILLED WHEEL</b>									
3	1-1/4	250	7F08, 03, 09	Plain	1-1/2	1/2	Yes	3/8	1G003229794
3-1/2	1-1/4	250	7F08, 03, 09	Plain	1-1/2	1/2	Yes	3/8	1G003229894
4	1-1/4	300	7F08, 03, 09	Plain	1-1/2	1/2	Yes	3/8	1G003229994
5	1-1/4	300	7F08, 03, 09	Plain	1-1/2	1/2	Yes	3/8	1G003230094

\* Consult Factory for spanner required to match axle size.

# Spartan Supreme Wheels

Spartan Supreme all rubber wheels consist of all black solid hard rubber material. Recommended for light to heavy loads on carpeted and hard surfaced floors. Spartan Supreme wheels pro-

vide good rolling ease, are non-sparking, and resistant to water, oil, and most acids. Recommended operating temperature range is -20°F to 125°F. Tread Durometer: 70 to 85 Shore D.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>SPARTAN SUPREME WHEEL</b>									
2	Ball	100	9F78, 79	Sintered	—	1/4	No	1/4	1G003137994
2	13/16	100	9F48, 49 / 1F40	Delrin	15/16	1/4	No	1/4	1G003110894
2	13/16	100	9F48, 49	Delrin	15/16	3/8	Yes*	1/4	1G003111094
2	13/16	100	1F58, 53, 59	Delrin	15/16	3/8	No	3/8	1G003111094
2-1/2	13/16	115	9F48, 49	Delrin	15/16	1/4	No	1/4	1G003112294
2-1/2	13/16	115	9F48, 49	Delrin	15/16	3/8	Yes*	1/4	1G003112494
2-1/2	13/16	115	1F58, 53, 59	Delrin	15/16	3/8	No	3/8	1G003112494
2-1/2	1-1/8	175	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003105894
2-1/2	1-1/8	175	2F98, 99 / 1F90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003106094
3	13/16	125	9F48, 49	Delrin	15/16	1/4	No	1/4	1G003104294
3	13/16	125	9F48, 49	Delrin	15/16	3/8	Yes*	1/4	1G003104694
3	13/16	125	1F58, 53, 59	Delrin	15/16	3/8	No	3/8	1G003104694
3	1	125	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003146794
3	1	125	2F68, 69 / 1F60, 63	Sintered	1-1/8	7/16	Yes*	5/16	1G003146894
3	1-1/4	210	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003107094
3	1-1/4	210	2F98, 99 / 1F90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003107294
3-1/2	1-1/4	250	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003192194
3-1/2	1-1/4	250	Americaster	Sintered	1-1/2	5/8	Yes*	3/8	1G003187494
4	1	140	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003101094
4	1	140	2F68, 69 / 1F60, 63	Sintered	1-1/8	7/16	Yes*	5/16	1G003101294
4	1-1/4	255	2F98, 99 / 1F90, 93	Delrin	1-27/64	5/16	No	5/16	1G003108294
4	1-1/4	255	2F98, 99 / 1F90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003108494
4	1-1/4	255	Americaster	Delrin	1-27/64	3/8	No	3/8	1G003192294
4	1-3/8	300	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003124294
4	1-3/8	300	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003131494
4	1-3/8	300	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003129294
4	1-5/8	400	1FPO, PR	Delrin	1-27/32	5/8	Yes*	3/8	1G003194194
5	1	145	2F68, 69 / 1F60, 63	Delrin	1-1/8	5/16	No	5/16	1G003102294
5	1	145	2F68, 69 / 1F60, 63	Sintered	1-1/8	7/16	Yes*	5/16	1G003102494
5	1-1/4	280	2F98, 99 / 1F00, 08, 90, 93	Delrin	1-27/64	5/16	No	5/16	1G003109494
5	1-1/4	280	2F98, 99 / 1F00, 08, 90, 93	Sintered	1-27/64	7/16	Yes*	5/16	1G003109694
5	1-1/4	280	Americaster	Delrin	1-1/2	3/8	No	3/8	1G003192394
5	1-1/4	280	1F08, 00	Delrin	1-1/2	5/16	No	5/16	1G003165794
5	1-3/8	350	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003124694
5	1-3/8	350	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003130594
5	1-3/8	350	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003125094
5	2	450	1F38, 30	Delrin	2-1/4	3/8	No	3/8	1G003166094
5	2	450	1F38, 30	Roller	2-1/4	3/8	No	3/8	1J003174894
6	1-3/8	400	1F28, 23, 29 / AC	Delrin	1-1/2	3/8	No	3/8	1G003126794
6	1-3/8	400	1F28, 23, 29 / AC	Sintered	1-1/2	5/8	Yes*	3/8	1G003131894
6	1-3/8	400	1F28, 23, 29 / AC	Roller	1-1/2	3/8	No	3/8	1J003129694

AC = Americaster Series

\* Consult Factory for spanner required to match axle size.



## Duratex Phenolic Wheels

Duratex wheels consist of a black phenolic resin impregnated and reinforced with macerated fabric to provide a very hard tread and high capacity wheel. Recommended for medium to heavy loads on carpeted and hard surfaced floors. Duratex wheels provide good floor protection, are quieter than steel

wheels, have excellent rolling ease, high impact resistance, and are resistant to most chemicals and acids. Recommended operating temperature range is -45°F to 300°F. Tread hardness: 102 Shore E.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>DURATEX PHENOLIC WHEEL</b>									
2-1/2	1-3/4	300	1F58, 53, 59	Roller	1-7/8	3/8	No	3/8	1J003219994
2-5/8	1-3/4	350	1F58, 53, 59	Roller	1-7/8	3/8	No	3/8	1J003220094
3(H)	1-1/2	300**	Americaster	Roller	1-5/8	1/2	Yes*	3/8	1J003218894
3	1-1/2	500**	Americaster	Plain	1-5/8	1/2	Yes*	3/8	1G003197394
3	1-1/2	500**	Americaster	Roller	1-5/8	5/8	Yes*	3/8	1J003193794
3	1-13/16	500	1F58, 53, 59	Roller	1-7/8	3/8	No	3/8	1J003172894
4(H)	1-1/2	400	1F28, 23, 29	Roller	1-5/8	3/8	No	3/8	1J003220894
4	1-1/2	500**	Americaster	Plain	1-5/8	1/2	Yes*	3/8	1G003197494
4	1-1/2	500**	Americaster	Roller	1-5/8	3/8	No	3/8	1J003196494
4(H)	2	600**	1F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003221094
4	2	800	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003175494
5(H)	1-1/2	400**	1F28, 23, 29	Roller	1-5/8	1/2	Yes*	3/8	1G003218994
5	1-1/2	500**	Americaster	Plain	1-5/8	1/2	Yes*	3/8	1G003197594
5	1-1/2	500**	Americaster	Roller	1-5/8	1/2	Yes*	3/8	1J003127394
5(H)	2	750**	1F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003218794
5	2	500**	1F30, 38	Roller	2-3/16	3/8	No	3/8	1J003174394
5	2	1000	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003169094
6	1-1/2	500**	Americaster	Plain	1-5/8	1/2	Yes*	3/8	1G003197694
6	1-1/2	500**	Americaster	Roller	1-5/8	1/2	Yes*	3/8	1J003185394
6(H)	2	900	1F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003217294
6	2	1200	1F88, 83 / 4F88, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003167994
8	2	1200	1FA8, 83	Roller	2-3/16	3/4	Yes*	1/2	1J003171994

(H) Wheel is high temperature phenolic with an operative range of 475°F continuous, 525°F intermittent.



## Semi-Steel Wheels

Semi-steel wheels consist of cast iron enriched with steel. Recommended for medium to heavy loads on rough and metal debris littered floors and where floor protection and noise are not critical. Semi-steel wheels provide long service life, high

load capacity, excellent impact resistance, easy rolling, and superior performance and durability in extreme high and low temperature conditions. Recommended operating temperature range is -50°F to 500°F.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (pounds)	Caster Series Used In	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part No.
<b>SEMI-STEEL WHEEL</b>									
3	1-1/4	450	Americaster	Plain	1-1/2	1/2	Yes*	3/8	8G003197790
3	1-1/4	450	Americaster	Roller	1-1/2	15/32	Yes (included)	3/8	8G003193690
4	1-1/4	500**	Americaster	Plain	1-1/2	1/2	Yes*	3/8	8G003197890
4	1-1/2	650	1F23, 28, 29 / AC	Roller	1-11/16	15/32	Yes (included)	3/8	8G003193590
4	2	1000	1F83, 88 / 4F83, 88	Roller	2-3/16	3/4	Yes*	1/2	8G003228990
5	2	1000	1F83, 88 / 4F83, 88	Roller	2-3/16	3/4	Yes*	1/2	8G003229090
6	2	1200	1F83, 88 / 4F83, 88	Roller	2-3/16	3/4	Yes*	1/2	8G003229190
8	2	1400	1F83, A8	Roller	2-3/16	3/4	Yes*	1/2	8G003229290

AC = Americaster Series

\* Consult factory for spanner required to match axle size.

\*\* Maximum recommended load capacity when used with a 3/8" diameter axle.

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