

HIGH-SPEED, PRECISION MANUFACTURING

casters

ER WAGNER



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We Control Movement

For over a century, ER Wagner has been designing, developing, and supplying high-quality casters and wheels, hinges, stamped assemblies, and machined and wrapped tubes for respected manufacturers and distributors around the world.

You’ll find ER Wagner products everywhere — on vehicles, in factories, under medical equipment, and behind some of the most trusted brands in industry. As one of the few remaining domestic manufacturers in our product categories, we’re proud to be American-made and to stand behind everything we build.

We don’t just fill orders — we engineer solutions. Our goal is simple: to deliver the best value and best experience in the industry.

Best Value: Delivered.

At ER Wagner, value is more than a price tag — it’s the right combination of Product, Quality, Delivery, Support, and Price. Every member of our team is committed to ensuring that ER Wagner customers receive the highest value possible — every order, every time, everywhere we do business.

Selecting the Proper Caster and Wheel

There is no simple formula or rule that can be followed in selecting the proper casters. Many varying and individual factors must be balanced to make the selection that will do the best job for you. The following are several of the more important considerations.

MOUNTING TYPES

Plate-mount casters use a flat, four-bolt plate for maximum strength and stability—ideal for heavy-duty equipment. Stem-mount casters use a single post (threaded and friction ring) for quick installation on lighter or tubular frames, offering easier mounting but lower load capacity.

BRAKES

Caster brakes vary by function and control. Side and top lock brakes stop wheel rotation using a lever or pedal for simple, reliable braking. Total lock brakes secure both the wheel and swivel for complete stability, while directional locks hold only the swivel to keep the caster rolling straight.

LOAD WEIGHT

The heavier the load, the larger the wheel required for the caster. The weight of the load also influences the mobility of the wheel. Roller or ball bearings are recommended for loads over 400 pounds. Weight capacities are shown for each caster in this catalog.

FLOOR CONDITIONS

Make sure the wheel you select is large enough to traverse cracks in the floor, tracks, mouldings and other obstructions. For floor protection on linoleum, tile, carpet, etc., use polyurethane or rubber wheels.

UNUSUAL CONDITIONS

Each wheel material has certain characteristics which will give the best results where unusual conditions exist. For example, where acids, oils, chemicals and other conditions harmful to rubber are present, polyurethane, polyolefin, phenolic or steel wheels are recommended. Check conditions, then select the caster and wheel.

ROLLING EASE

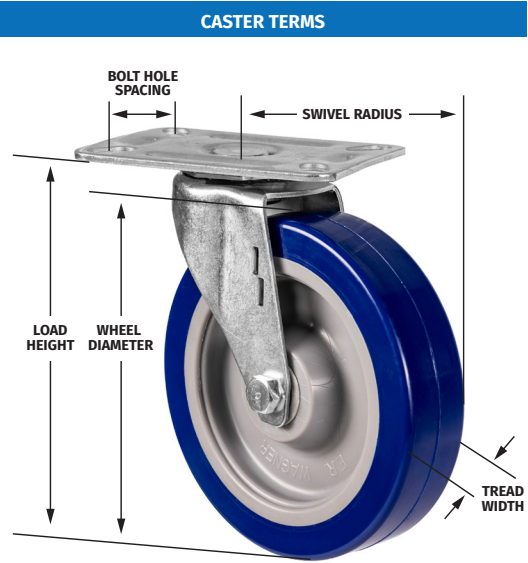
The larger the wheel diameter, the easier it rolls. To maximize ergonomics and rolling performance, use Roller Bearings where possible—they provide superior load distribution and smoother movement under heavy loads. Precision Ball Bearings are also effective for lighter-duty or higher-speed applications. Whenever feasible, select the largest wheel with roller bearings for the easiest, most efficient rolling performance.

EXTREME TEMP GREASE

Room temperatures are no problem for most casters, but extreme cold or heat can be a problem. ER Wagner helps solve this problem with specialized lube which assures caster rolling ease from -45°F below zero to 500°F. It’s standard on most casters. (Note: Some wheel types should not be used in extreme temperature ranges. Consult factory.)

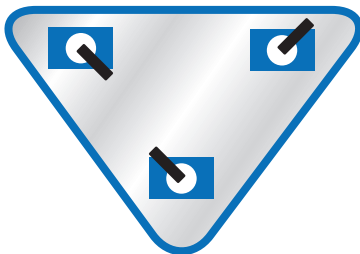
YOUR LOCAL DISTRIBUTOR

ER Wagner casters are available from stocking distributors across North America. Each is a caster specialist who can help you select the proper caster to suit your needs. Visit www.ERWagner.com or contact us for details at 1-800-558-5596.

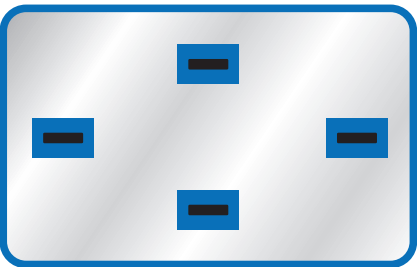


Caster Combinations for Trucks

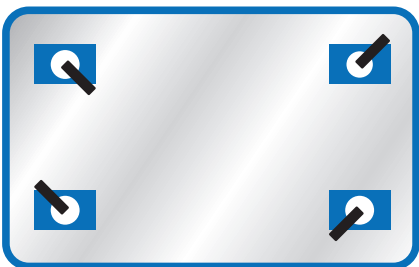
In building, repairing and refurbishing mobile equipment, various effective caster combinations may be used. Several types of mountings are illustrated below.



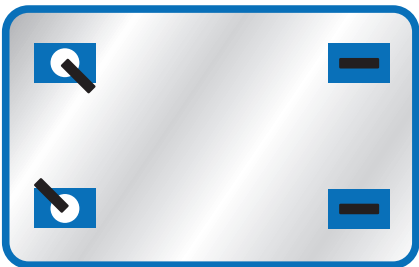
THREE SWIVEL
For barrel dollies and small portable machines. Affords excellent maneuverability. Be sure to select casters designed to take the weight load on three casters rather than the usual four.



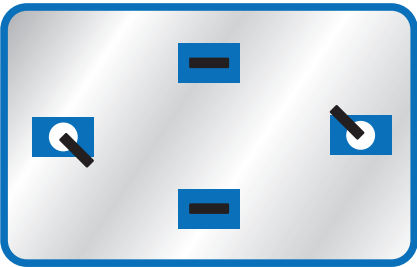
TILT MOUNTING
A tilt mounting is the most economical, but should be limited to lighter loads. The tilt is best when the load wheels are 1/8" taller than the balance wheels. Not recommended for use on ramps.



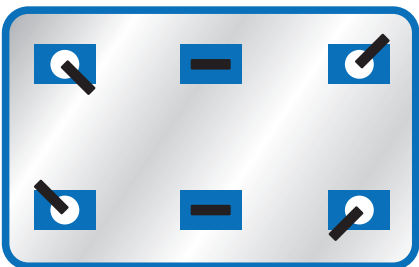
FOUR SWIVEL
Where a side motion is frequently needed, the four swivel arrangement is excellent. If the casters are equipped with swivel locks, this mounting is also practical for long straight travel as well as use on ramps. A most versatile arrangement.



TWO RIGID, TWO SWIVEL.
Most practical and inexpensive arrangement for straight and/or long distances. Can be used for heavy or medium loads, depending upon the weight capacity of the casters selected.



DIAMOND MOUNTING
Two rigid and two swivel casters, but the diamond shaped mounting greatly increases maneuverability. This mounting is not recommended for ramps.



FOUR SWIVEL, TWO RIGID
This is a level mounting design for heavy loads and long trucks. The two rigid casters help to distribute and reduce the load on the swivel units and thereby maintain good maneuverability and easy steering.

What Type of Wheel Material is Needed

Selecting the right wheel material depends on your application, load, floor conditions, and environment. Softer wheels protect floors and reduce noise; harder wheels roll easier and carry heavier loads.

WHEEL MATERIAL / APPLICATION	SHORE A	SHORE D
Pneumatic and Foam Filled	< 40	—
Soft Rubber	70 – 85	—
TPR Rubber	65 – 75	—
Polyurethane	—	50 – 60
Hard Rubber	—	70 – 85
Polyolefin	—	60 – 75
Hi-Temp Nylon Glass Filled	—	60 – 70
Phenolic	—	85 – 95
Semi Steel	—	85 – 95

Load Rating for Applications

Selecting the right caster depends on your application’s load requirements, operating conditions, and mobility needs. The ranges below provide general guidelines for choosing the proper caster series.

APPLICATION	LOAD RATING (lbs)	PAGE REFERENCE
Hooded Ball	75 – 100	41
Ultra Light Duty Furniture	75 – 125	39
Light Duty Furniture	75 – 125	21
Light Duty	100 – 150	21
Light-Medium Duty	120 – 280	23
Medium Duty	200 – 400	25
Medium Duty Low Profile	150 – 500	31
Medium Duty Institutional	150 – 450	27-29
Pneumatic and Foam Filled	200 – 350	37
Medium-Heavy Duty	300 – 700	33
Heavy Duty	300 – 1200	35-36

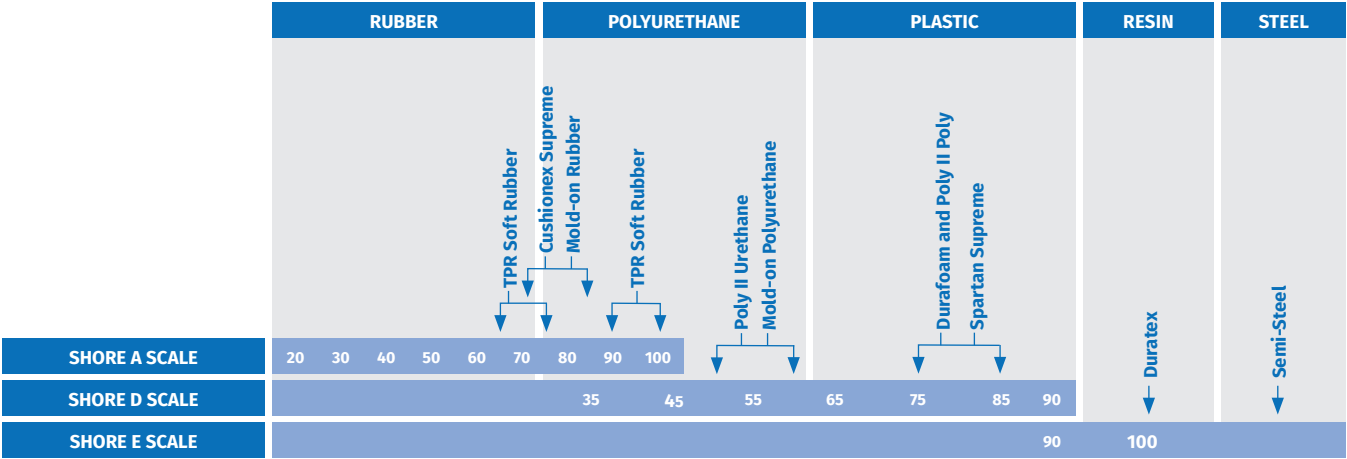
Wheel Selection Guide

WHEEL MATERIAL COMPARISONS

WHEEL MATERIAL COMPARISONS				FLOOR SURFACES											OPERATING CONDITIONS											
WHEEL TYPE	TREAD HARD-NESS	LOAD CAPACITY RANGE (lbs)	TEMPERATURE RANGE	CARPET	BRICK	CONCRETE	LINOLEUM	ASPHALT	TERRAZZO	WOOD	STEEL (Smooth)	STEEL (Ribbed)	TILE	WATER	STEAM	CHEMICALS (mild)	OIL & GREASE	METAL CHIPS	HIGH HEAT (250°F)	EXTREME COLD (-50°F)	ANIMAL FATS	NOISE REDUCTION	FLOOR PROTECTION	CUSHION LOAD		
2- PIECE WHEEL Tread is bonded, molded or mechanically locked to a core (Tread / Core Material)																										
Fully Pneumatic / Metal		200-350	-45°F to 180°F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	
Soft Rubber / Hard Rubber		75-350	-45°F to 125°F	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓				✓	✓	✓	✓	✓	✓	
TPR (Thermoplastic Rubber) / Polyolefin		75-475	-45°F to 180°F	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Rubber / Aluminum		300-500	-45°F to 180°F	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Polyurethane / Polyolefin		125-900	-45°F to 180°F	✓	✓	✓				✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Polyurethane / Steel		1600-2000	-45°F to 180°F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Polyurethane / Aluminum	Hard	750-1350	-45°F to 180°F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
1- PIECE SOLID MOLDED WHEEL																										
Nylon Twin Wheel		125-150	-45°F to 180°F	✓	✓	✓					✓	✓		✓	✓	✓	✓			✓	✓					
All Hard Rubber		100-560	-45°F to 125°F	✓	✓	✓					✓			✓	✓	✓							✓			
Polypropylene (a.k.a.) Polyolefin		100-900	-45°F to 180°F	✓	✓	✓	✓		✓			✓			✓	✓	✓			✓	✓			✓		
Phenolic Resin		250-1200	-45°F to 300°F	✓	✓	✓					✓	✓			✓	✓	✓		✓	✓	✓					
High Temperature Phenolic & Nylon		300-900	-45°F to 475°F	✓	✓	✓					✓	✓			✓	✓	✓	✓		✓	✓	✓				
Semi-Steel / Cast Iron	Hardest	175-1400	-45°F to 500°F			✓				✓	✓					✓	✓	✓	✓	✓	✓					

Durometer Scales

TREAD HARDNESS CHART



Soft Tread Wheels

Soft tread wheels have lighter load rating than equal size hard tread wheels. They roll quietly by absorbing floor surface imperfections which are normally transmitted through the caster. Soft tread wheels provide better swiveling action under light loads.

Soft tread wheels are recommended for: Light to medium loads | Hard, uneven surfaces | Quiet operation | Frequent movement of loads | Swiveling traction of light loads | Applications where rolling ease is not critical

POLY II RUBBER / TPR SOFT RUBBER

Tread hardness: 65 to 75 Shore A
Load capacity range: 75 lbs - 475 lbs



Description

Thermoplastic rubber tread wheel is molded and mechanically locked to a polypropylene plastic hub. It rolls easily and quietly. Comes in both flat and donut treads.

Features

- Designed for handling heavy or bulky loads
- Cost-effective wheel choice for many applications
- Feature plain or precision bearings for smooth operation
- Ideal for food service and institutional applications
- Provide a soft, quiet-cushioned ride that protects floors
- Offer excellent resistance to most solvents and chemicals
- Exhibit superior rollability and overall durability

CUSHIONEX SUPREME

Tread hardness: 70 to 85 Shore A
Load capacity range: 75 lbs - 280 lbs



Description

All-rubber wheel has a soft rubber tread integrally molded and bonded to a hard rubber core. It provides a cushioned ride and quiet operation.

Features

- Constructed from all rubber material
- Recommended for medium loads on hard or smooth floors
- Provide excellent floor load protection
- Absorb shock and vibration effectively

MOLD-ON RUBBER

Tread hardness: 70 to 85 Shore A
Load capacity range: 300 lbs - 500 lbs



Description

Soft rubber tread is permanently bonded to an aluminum hub. It provides quiet operation, absorbs shock, and protects floors.

Features

- Recommended for medium-duty loads on hard or smooth floors
- Provide excellent floor and load protection
- Absorb shock and vibration effectively

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

POLY II URETHANE

Tread hardness: 50 to 60 Shore D
Load capacity range: 125 lbs - 900 lbs



Description

Polyurethane thread molded and mechanically locked to a polypropylene plastic hub. Excellent floor protection and abrasion resistance, rolling ease, quiet operation, and resistance to water, acids, oil, and most chemicals.

Features

- Recommended for light to heavy loads on carpeted and hard-surfaced floors
- Non-marking and resistant to water, most acids, and chemicals
- Available with plain, Delrin®, precision ball, or roller bearings
- Special colors available upon request (minimum quantity required)

MOLD-ON POLYURETHANE

Tread hardness: 50 to 60 Shore D
Load capacity range: 750 lbs - 1350 lbs



Description

Polyurethane thread permanently molded and mechanically locked to an aluminum hub. It provides easy rolling, high load capacity, good floor protection, and long service life.

Features

- Recommended for medium to heavy loads on carpeted and hard-surfaced floors
- Offer excellent abrasion resistance, rolling ease, and impact resistance
- Non-marking tread — ideal for clean environments
- Durable aluminum core enhances load capacity and longevity

DURAFOAM

Tread hardness: 75 to 85 Shore D
Load capacity range: 125 lbs - 400 lbs



Solid

Dished

Description

Polyolefin compound that exhibits superior resistance to abrasion, compression set, acids, oils, grease, and impact. They provide easy rolling and good floor protection.

Features

- One-piece injection molded from black polypropylene plastic
- Recommended for light to heavy loads on carpeted and hard-surfaced floors
- Provide good floor protection and impact strength
- Offer excellent rolling ease with quiet operation
- Non-marking and resistant to water, oil, and most acids and chemicals
- Ideal for corrosive environments where metal bearings would fail
- No bearings required, minimizing maintenance needs

POLY II POLY

Tread hardness: 60 to 75 Shore D
Load capacity range: 250 lbs -900 lbs



Solid

Description

Polyolefin compound that exhibits superior resistance to abrasion, compression set, acids, oils, grease, and impact. They provide easy rolling and good floor protection.

Features

- Injection co-molded from black polypropylene tread mechanically locked to a polypropylene core
- Designed for light to heavy loads on carpeted and hard-surfaced floors
- Provide excellent floor protection, abrasion resistance, and rolling ease
- Deliver good impact strength and quiet operation
- Non-marking and resistant to water, oil, and most acids and chemicals
- Available with Delrin® or roller bearings for smooth performance
- Special colors available in quantity upon request

SPARTAN SUPREME

Tread hardness: 75 to 85 Shore D
Load capacity range: 100 lbs - 450 lbs



Description

All-hard rubber compund. It rolls effortlessly and is an economical and versatile choice for many applications.

Features

- Recommended for light to heavy loads on carpeted and hard-surfaced floors
- Provide good rolling ease and floor protection
- Non-sparking, making them suitable for specific industrial environments
- Resistant to water, oil, and most acids and chemicals
- Durable design for long service life

DURATEX PHENOLIC

Tread hardness: 102 Shore E
Load capacity range: 300 lbs - 1200 lbs



Description

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.

Features

- Designed for medium to heavy loads on carpeted and hard-surfaced floors
- Offer excellent rolling ease and high impact resistance
- Resistant to most chemicals and acids
- Quieter than steel wheels during operation
- Ideal for industrial and high-temperature environments

SEMI-STEEL

Load capacity range: 450 lbs - 1400 lbs



Description

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

Features

- Recommended for medium to heavy loads on rough or debris-covered floors
- Provide long service life and excellent impact resistance
- Offer easy rolling and superior performance in tough environments
- Suitable for extreme high and low temperature applications
- High load capacity and durable under severe conditions

Poly II Rubber Wheels

TPR Soft Rubber wheels are thermoplastic rubber treads bonded to polyolefin hubs. These wheels are ideal for food service and institutional application. 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. Delrin® bearing or a roller bearing. They come with a donut tread as well as a flat tread. Temperature range: -40° F to 180° F.

Wheel Types



Super Soft Poly II Rubber Wheel (Flat Tread)



Super Soft Poly II Rubber Wheel (Donut Tread)



Poly II Rubber Wheel

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread/ Hub Color	Bearing Type	Hub Width (inches)	Bore Size (inches)	Spanner Bushing Re-quired	Axle Size (inches)	Wheel Part Number
Super Soft Poly II Rubber Wheel (Flat Tread)										
3	1	100	65-75 Shore A	Gray/Black	Plain	1-1/4	5-16	No	5-16	7G003222094
3	1-1/4	200	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003226394
3	1-1/4	200	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003226494
3-1/2	1-1/4	250	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223394
3-1/2	1-1/4	250	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003226794
4	1	115	65-75 Shore A	Gray/Black	Plain	1-1/4	5-16	No	5-16	7G003222394
4	1-1/4	275	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223994
4	1-1/4	275	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003226894
5	1	125	65-75 Shore A	Gray/Black	Plain	1-1/4	5/16	No	5-16	7G003225194
5	1-1/4	300	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003224594
5	1-1/4	300	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003226994
Super Soft Poly II Rubber Wheel (Donut Tread)										
3	1-1/4	175	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003229594
3-1/2	1-1/4	225	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223294
3-1/2	1-1/4	225	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003226594
4	1-1/4	250	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003223794
4	1-1/4	250	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003223894
5	1-1/4	250	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003224394
5	1-1/4	250	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003224494
5	2	325	65-75 Shore A	Gray/Gray	Plain	2-3/8	3/4	Yes	1/2	7G003230994
6	1-1/4	300	65-75 Shore A	Gray/Gray	Precision Ball	1-5/8	3/8	No	3/8	7G003227094
6	1-1/4	300	65-75 Shore A	Gray/Gray	Delrin®	1-1/2	1/2	Yes	3/8	7G003227194
6	2	450	65-75 Shore A	Gray/Gray	Plain	2-3/8	3/4	Yes	1/2	7G003231094
8	2	500	65-75 Shore A	Gray/Gray	Plain	2-3/8	3/4	Yes	1/2	7G003231194
Poly II Rubber Wheel										
3	1	125	90-100 Shore A	Dark Gray/Gray	Plain	1-1/8	5/16	No	5/16	1G003188594
3	1-1/4	210	90-100 Shore A	Dark Gray/Gray	Delrin®	1-27/64	5/16	No	5/16	1G003308194
3-1/2	1-1/4	250	90-100 Shore A	Dark Gray/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003243794
4	1	135	90-100 Shore A	Dark Gray/Gray	Plain	1-1/8	5/16	No	5/16	1G003189494
4	1-1/4	275	90-100 Shore A	Dark Gray/Gray	Delrin®	1-27/64	5/16	No	5/16	1G003308494
4	1-1/4	275	90-100 Shore A	Dark Gray/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003243494
4	1-1/2	275	90-100 Shore A	Dark Gray/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003309794
4	1-1/2	275	90-100 Shore A	Dark Gray/Gray	Roller	1-1/2	3/8	No	3/8	1J003180094
4	2	300	90-100 Shore A	Black/Gray	Roller	2-3/16	3/4	Yes	1/2	1J003198094
5	1	145	90-100 Shore A	Dark Gray/Gray	Plain	1-1/8	5/16	No	5/16	1G003190394
5	1-1/4	280	90-100 Shore A	Dark Gray/Gray	Delrin®	1-27/64	5/16	No	5/16	1G003308894
5	1-1/4	300	90-100 Shore A	Dark Gray/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003178394
5	1-1/2	300	90-100 Shore A	Dark Gray/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003309494
5	1-1/2	300	90-100 Shore A	Dark Gray/Gray	Roller	1-1/2	3/8	No	3/8	1J003177394
5	2	325	90-100 Shore A	Black/Gray	Roller	2-3/16	3/4	Yes	1/2	1J003192594
6	1-1/2	300	90-100 Shore A	Dark Gray/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003309094
6	1-1/2	300	90-100 Shore A	Dark Gray/Gray	Roller	1-1/2	3/8	No	3/8	1J003181294
6	2	400	90-100 Shore A	Black/Gray	Roller	2-3/16	3/4	Yes	1/2	1J003192794
8	2	475	90-100 Shore A	Black/Gray	Roller	2-3/16	3/4	Yes	1/2	1J003192994

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.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread/ Hub Color	Bearing Type	Hub Width (inches)	Bore Size (inches)	Spanner Bushing Re-quired	Axle Size (inches)	Wheel Part Number
Cushionex Supreme Wheel										
2	Ball	75	70-85 Shore A	All Black	Sintered	1-1/4	5-16	No	5-16	7G003222094
2	13/16	75	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003226394
2	13/16	75	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003226494
2-1/2	13/16	90	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003223394
2-1/2	13/16	90	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003226794
2-1/2	1-1/8	120	70-85 Shore A	All Black	Delrin®	1-1/4	5-16	No	5-16	7G003222394
3	13/16	100	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003223994
3	13/16	100	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003226894
3	1	100	70-85 Shore A	All Black	Delrin®	1-1/4	5/16	No	5-16	7G003225194
3	1-1/4	125	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003224594
3-1/2	1-1/4	155	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003226994
4	1	115	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003229594
4	1-1/4	165	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003223294
4	1-1/4	165	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G00322694
4	1-3/8	200	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003223794
4	1-3/8	200	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003223894
5	1	125	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003224394
5	1-1/4	190	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003224494
5	1-1/4	200	70-85 Shore A	All Black	Delrin®	2-3/8	3/4	Yes	1/2	7G003230994
5	1-3/8	240	70-85 Shore A	All Black	Delrin®	1-5/8	3/8	No	3/8	7G003227094
5	1-3/8	240	70-85 Shore A	All Black	Delrin®	1-1/2	1/2	Yes	3/8	7G003227194
5	2	350	70-85 Shore A	All Black	Delrin®	2-3/8	3/4	Yes	1/2	7G003231094
5	2	350	70-85 Shore A	All Black	Delrin®	2-3/8	3/4	Yes	1/2	7G003231194
6	1-3/8	280	70-85 Shore A	All Black	Delrin®	1-1/8	5/16	No	5/16	1G003188594

Pneumatic and Foam Filled Wheels

Pneumatic and foam filled wheels give a cushioned ride to protect delicate loads. Quiet operation and superior protection for floors. Foam filled wheels will never go flat. 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 (lbs)	Tread Type	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Axle Size (inches)	Wheel Part Number
Pneumatic & Foam Filled Wheel									
6	2	200	Knobby	Ball	3-1/4	3/4	Yes	1/2	8G003215594
8	2.80/2.50	300	Sawtooth	Ball	3-1/4	1/2	No	1/2	7G003280594
10	4.10/3.10	350	Sawtooth	Ball	3-1/4	1/2	No	1/2	7G003305794

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 provide excellent floor and load protection, quiet operation, and absorb shock and vibration. Recommended operating temperature range is -20° F to 160° F.

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread/ Hub Color	Bearing Type	Hub Width (inches)	Bore Size (inches)	Spanner Bushing Re-quired	Axle Size (inches)	Wheel Part Number
Mold-on Rubber Wheels										
4	2	300	70-85 Shore A	Black/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003144194
5	2	350	70-85 Shore A	Black/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003164094
6	2	410	70-85 Shore A	Black/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003163994
8	2	500	70-85 Shore A	Black/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003163894

Mold-on Polyurethane Wheels

Mold-on polyurethane wheels consist of a 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.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread / Hub Color	Bearing Type	Hub Width (inches)	Bore Size (inches)	Spanner Bushing Required	Axle Size (inches)	Wheel Part Number
Mold-on Polyurethane Wheel										
4	2	750	50-60 Shore D	Blue/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003205594
5	2	1050	50-60 Shore D	Blue/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003200794
6	2	1200	50-60 Shore D	Blue/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003200894
8	2	1350	50-60 Shore D	Blue/Aluminum	Roller	2-3/16	3/4	Yes	1/2	1J003200994

Poly II Urethane Wheels

Poly II Urethane wheels are injection co-molded from a polyurethane tread molded and mechanically locked to polypropylene plastic 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®, precision ball, or roller bearing. Special colors available in quantity.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread / Hub Color	Bearing Type	Hub Width (inches)	Bore Size (inches)	Spanner Bushing Required	Axle Size (inches)	Wheel Part Number
Mold-on Polyurethane Wheel										
3	1	125	50-60 Shore D	Blue /Gray	Plain	1-1/8	5/16	No	5/16	1G003188294
3	1-1/4	210	50-60 Shore D	Blue/Gray	Delrin®	1-27/64	5/16	No	5/16	1G003308094
3	1-1/4	210	50-60 Shore D	Blue/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003310994
3-1/2	1-1/4	250	50-60 Shore D	Blue/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003310494
3-1/2	1-1/4	250	50-60 Shore D	Gray/Gray	Precision Ball	1-1/2	3/8	No	3/8	7G003223194
4	1	140	50-60 Shore D	Blue/Gray	Plain	1-1/8	5/16	No	5/16	1G003189194
4	1	140	50-60 Shore D	Blue/Gray	Delrin®	1-1/8	5/16	No	5/16	1G003189294
4	1-1/4	250	50-60 Shore D	Gray /Gray	Precision Ball	1-1/2	3/8	No	3/8	7G003223594
4	1-1/4	275	50-60 Shore D	Blue/Gray	Delrin®	1-27/64	5/16	No	5/16	1G003308394
4	1-1/4	275	50-60 Shore D	Blue/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003310094
4	1-1/2	375	50-60 Shore D	Blue/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003309694
4	1-1/2	375	50-60 Shore D	Blue/Gray	Roller	1-1/2	3/8	No	3/8	1G003179694
4	2	600	50-60 Shore D	Red /Gray	Roller	2-3/16	3/4	Yes*	1/2	1G003198394
5	1	145	50-60 Shore D	Blue/Gray	Plain	1-1/8	5/16	No	5/16	1G003190094
5	1	145	50-60 Shore D	Blue/Gray	Delrin®	1-1/8	5/16	No	5/16	1G003190194
5	1-1/4	250	50-60 Shore D	Gray/Gray	Precision Ball	1-1/2	3/8	No	3/8	7G003224194
5	1-1/4	280	50-60 Shore D	Blue/Gray	Delrin®	1-27/64	5/16	No	5/16	1G003308794
5	1-1/4	300	50-60 Shore D	Blue/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003177994
5	1-1/2	450	50-60 Shore D	Blue/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003309394
5	1-1/2	450	50-60 Shore D	Blue/Gray	Roller	1-1/2	3/8	No	3/8	1G003176994
5	2	750	50-60 Shore D	Red /Gray	Roller	2-3/16	3/4	Yes*	1/2	1G003192694
6	1-1/2	450	50-60 Shore D	Blue/Gray	Delrin®	1-1/2	3/8	No	3/8	1G003308994
6	1-1/2	450	50-60 Shore D	Blue/Gray	Roller	1-1/2	3/8	No	3/8	1G003180894
6	2	900	50-60 Shore D	Red /Gray	Roller	2-3/16	3/4	Yes*	1/2	1G003192894
8	2	900	50-60 Shore D	Red /Gray	Roller	2-3/16	3/4	Yes*	1/2	1G003193094

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 provide good rolling ease, are non-sparking, and resistant to water, oil, and most acids. Recommended operating temperature range is -20° F to 125° F.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread / Hub Color	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Axle Size (inches)	Wheel Part Number
Spartan Supreme Wheel										
2	Ball	100	70-85 Shore D	All Black	Sintered	—	1/4	No	1/4	1G003137994
2	13/16	100	70-85 Shore D	All Black	Delrin®	15/16	1/4	No	1/4	1G003110894
2	13/16	100	70-85 Shore D	All Black	Delrin®	15/16	3/8	No	3/8	1G003111094
2-1/2	13/16	115	70-85 Shore D	All Black	Delrin®	15/16	1/4	No	1/4	1G003112294
2-1/2	13/16	115	70-85 Shore D	All Black	Delrin®	15/16	3/8	No	3/8	1G003112494
2-1/2	1-1/8	175	70-85 Shore D	All Black	Delrin®	1-27/64	5/16	No	5/16	1G003105894
3	13/16	125	70-85 Shore D	All Black	Delrin®	15/16	1/4	No	1/4	1G003104294
3	13/16	125	70-85 Shore D	All Black	Delrin®	15/16	3/8	No	3/8	1G003104694
3	1	125	70-85 Shore D	All Black	Delrin®	1-1/8	5/16	No	5/16	1G003146794
3	1-1/4	210	70-85 Shore D	All Black	Delrin®	1-27/64	5/16	No	5/16	1G003107094
3-1/2	1-1/4	250	70-85 Shore D	All Black	Delrin®	1-1/2	3/8	No	3/8	1G003192194
4	1	140	70-85 Shore D	All Black	Delrin®	1-1/8	5/16	No	5/16	1G003101094
4	1-1/4	255	70-85 Shore D	All Black	Delrin®	1-27/64	5/16	No	5/16	1G003108294
4	1-1/4	255	70-85 Shore D	All Black	Delrin®	1-27/64	3/8	No	3/8	1G003192294
4	1-3/8	300	70-85 Shore D	All Black	Delrin®	1-1/2	3/8	No	3/8	1G003124294
4	1-3/8	300	70-85 Shore D	All Black	Delrin®	1-1/2	3/8	No	3/8	1J003129294
5	1	145	70-85 Shore D	All Black	Delrin®	1-1/8	5/16	No	5/16	1G003102294
5	1-1/4	280	70-85 Shore D	All Black	Delrin®	1-27/64	5/16	No	5/16	1G003109494
5	1-1/4	280	70-85 Shore D	All Black	Delrin®	1-1/2	3/8	No	3/8	1G003192394
5	1-1/4	280	70-85 Shore D	All Black	Delrin®	1-1/2	5/16	No	5/16	1G003165794
5	1-3/8	350	70-85 Shore D	All Black	Delrin®	1-1/2	3/8	No	3/8	1G003124694
5	1-3/8	350	70-85 Shore D	All Black	Roller	1-1/2	3/8	No	3/8	1J003125094
5	2	450	70-85 Shore D	All Black	Delrin®	2-1/4	3/8	No	3/8	1G003166094
5	2	450	70-85 Shore D	All Black	Roller	2-1/4	3/8	No	3/8	1J003174894

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 550° F intermittent.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread / Hub Color	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Axle Size (inches)	Wheel Part Number
High Temperature Nylon Glass Filled Wheel										
3	1-1/4	250	60-70 Shore D	All Black	Plain	1-1/2	1/2	Yes	3/8	1G003229794
3-1/2	1-1/4	250	60-70 Shore D	All Black	Plain	1-1/2	1/2	Yes	3/8	1G003229894
4	1-1/4	300	60-70 Shore D	All Black	Plain	1-1/2	1/2	Yes	3/8	1G00322994
5	1-1/4	300	60-70 Shore D	All Black	Plain	1-1/2	1/2	Yes	3/8	1G003230094

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 -20°F to 180°F. Durafoam wheels require no bearing and are ideal for corrosive applications which cause continual bearing replacement.



Solid



Dished

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Tread/ Hub Color	Bearing Type	Hub Width (inches)	Bore Size (inches)	Spanner Bushing Required	Axle Size (inches)	Wheel Part Number
Durafoam Wheel										
2	3/4	100	60-75 Shore D	Dished	Plain	13/16	1/4	No	1/4	1G003168594
2-1/2	1-1/4	175	60-75 Shore D	Dished	Plain	1-27/64	5/16	No	5/16	1G003164294
2-1/2	13/16	115	60-75 Shore D	Dished	Plain	15/16	1/4	No	1/4	1G00343094
3	3/4	125	60-75 Shore D	Dished	Plain	15/16	1/4	No	1/4	1G003170594
3	1	125	60-75 Shore D	Solid	Plain	1-1/8	5/16	No	5/16	1G003159394
3	1-1/4	210	60-75 Shore D	Dished	Plain	1-27/64	5/16	No	5/16	1G003167194
3	1-3/4	350	60-75 Shore D	Solid	Sintered	1-7/8	3/8	No	3/8	1G003148694
3	1-3/4	350	60-75 Shore D	Solid	Roller	1-7/8	3/8	No	3/8	1G003148794
4	1	140	60-75 Shore D	Dished	Plain	1-1/8	5/16	No	5/16	1G00341194
4	1-1/4	255	60-75 Shore D	Solid	Plain	1-27/64	5/16	No	5/16	1G003168094
4	1-3/8	300	60-75 Shore D	Solid	Plain	1-1/2	3/8	No	3/8	1G003147094
4	1-1/2	300	60-75 Shore D	Dished	Roller	1-5/8	3/8	No	3/8	1G003161694
5	1	145	60-75 Shore D	Solid	Plain	1-1/8	5/16	Yes*	5/16	1G003167794
5	1-1/4	280	60-75 Shore D	Dished	Plain	1-27/64	5/16	No	5/16	1G00337194
5	1-3/8	350	60-75 Shore D	Solid	Plain	1-1/2	3/8	No	3/8	1G003147194
5	1-1/2	350	60-75 Shore D	Dished	Roller	1-5/8	3/8	No	3/8	1G003195094
5	2	450	60-75 Shore D	Solid	Plain	2-1/4	3/8	No	3/8	1G003185194
5	2	450	60-75 Shore D	Dished	Roller	2-3/16	3/8	No	3/8	1G003167094
6	1-3/8	400	60-75 Shore D	Solid	Roller	1-1/2	3/8	No	3/8	1G003148194
6	1-3/8	400	60-75 Shore D	Solid	Plain	1-1/2	3/8	No	3/8	1G003147294
6	1-1/2	400	60-75 Shore D	Dished	Plain	1-5/8	3/8	Yes*	3/8	1G003174494

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 Delrin® or roller bearing. Special colors available in quantity.



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Tread Hardness	Wheel Type	Bearing Type	Hub Width (inches)	Bore Size (inches)	Spanner Bushing Required	Axle Size (inches)	Wheel Part Number
Poly II Poly Wheel										
3-1/2	1-1/4	250	60-75 Shore D	Solid	Delrin®	1-1/2	3/8	No	3/8	1G003183294
4	1-3/8	375	60-75 Shore D	Solid	Delrin®	1-1/2	3/8	No	3/8	1G003311394
4	1-3/8	375	60-75 Shore D	Solid	Roller	1-1/2	3/8	No	3/8	1J003211994
4	2	400	60-75 Shore D	Solid	Roller	2-3/16	3/4	Yes	1/2	1J003198694
5	1-3/8	450	60-75 Shore D	Solid	Roller	1-1/2	3/8	No	3/8	1J003212394
5	2	750	60-75 Shore D	Solid	Roller	2-3/16	3/4	Yes	1/2	1J003196694
6	1-3/8	450	60-75 Shore D	Solid	Delrin®	1-1/2	3/8	No	3/8	1G003311694
6	1-3/8	450	60-75 Shore D	Solid	Roller	1-1/2	3/8	No	3/8	1J003212694
6	2	900	60-75 Shore D	Solid	Roller	2-3/16	3/4	Yes	1/2	1J003197094
8	2	900	60-75 Shore D	Solid	Roller	2-3/16	3/4	Yes	1/2	1G003219894

Duratex 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 (lbs)	Wheel Color	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part Number
Duratex Wheel									
2-1/2	1-3/4	300	Black	Roller	1-7/8	3/8	No	3/8	1J003219994
2-5/8	1-3/4	350	Black	Roller	1-7/8	3/8	No	3/8	1J003220094
3	1-1/2	500	Black	Roller	1-5/8	5/8	Yes	3/8	1J003193794
3	1-3/4	500	Black	Roller	1-7/8	3/8	No	3/8	1J003172894
4(H)	1-1/2	400	Brown	Roller	1-5/8	3/8	No	3/8	1J003220894
4	1-1/2	500	Black	Roller	1-5/8	1/2	Yes	3/8	1J003197494
4	1-1/2	500	Black	Roller	1-5/8	3/8	No	3/8	1J003196494
4(H)	2	600	Brown	Roller	2-3/16	3/4	Yes	1/2	1J003221094
4	2	800	Black	Roller	2-3/16	3/4	Yes	1/2	1J003175494
5(H)	1-1/2	400	Brown	Roller	1-5/8	1/2	Yes	3/8	1J003218994
5	1-1/2	500	Black	Roller	1-5/8	1/2	Yes	3/8	1J003127394
5(H)	2	750	Brown	Roller	2-3/16	3/4	Yes	1/2	1J003218794
5	2	500	Black	Roller	2-3/16	3/8	No	3/8	1J003211194
5	2	1000	Black	Roller	2-3/16	3/4	Yes	1/2	1J003169094
6	1-1/2	500	Black	Roller	1-5/8	1/2	Yes	3/8	1J003205294
6(H)	2	900	Brown	Roller	2-3/16	3/4	Yes	1/2	1J003217294
6	2	1200	Black	Roller	2-3/16	3/4	Yes	1/2	1J003167994
8	2	1200	Black	Roller	2-3/16	3/4	Yes	1/2	1J003168494

(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 (lbs)	Wheel Color	Bearing Type	Hub Width (inches)	Bearing Bore Size (inches)	Spanner Bushing Required	Fits Axle Size (inches)	Wheel Part Number
Semi-steel Wheel									
3	1-1/4	450	Black	Roller	1-1/2	15/32	Yes (included)	3/8	8G003193690
4	1-1/4	500	Black	Plain	1-1/2	1/2	Yes (included)	3/8	8G003197890
4	1-1/2	650	Black	Roller	1-11/16	15/32	Yes (included)	3/8	8G003193590
4	2	1000	Black	Roller	2-3/16	3/4	Yes	1/2	8G003228990
5	2	1000	Black	Roller	2-3/16	3/4	Yes	1/2	8G003229090
6	2	1200	Black	Roller	2-3/16	3/4	Yes	1/2	8G003229190
8	2	1400	Black	Roller	2-3/16	3/4	Yes	1/2	8G003229290

Understanding Bearing Options

ER Wagner offers a variety of bearing types to meet a wide range of load, speed, and environmental requirements. The right bearing choice can improve rolling performance, reduce maintenance, and extend wheel life.

PLAIN

Most economical bearings because the hub bore material functions as the bearing. Plain bearings are most common in plastic hub wheels because the plastic material has natural lubricating properties. They are ideal for corrosive applications, require infrequent or no oil lubrication, and wear well.



DELRIN®

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.



BALL

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



ROLLER

Roller bearings 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.



Understanding Stems Options

ER Wagner offers a variety of stem styles to meet a broad range of mounting and application requirements. The correct stem type ensures secure attachment, easy installation, and optimal caster performance.

THREADED

- Provides a secure, vibration-resistant attachment for casters in metal or wood fixtures.
- Commonly used in industrial, institutional, and equipment applications.
- Available in standard coarse and fine thread sizes for easy compatibility.
- Designed for positive locking using nuts or threaded inserts.



FRICTION RING

- The most common stem type for light- to medium-duty applications.
- Features a retaining ring that compresses into a socket for a quick, tool-free installation.
- Allows easy swivel replacement while maintaining a tight, reliable fit.
- Ideal for chairs, furniture, and display fixtures.



SQUARE

- Designed for tubular or square-leg frames, providing anti-rotation stability.
- Prevents caster spin within the mounting tube, ensuring consistent orientation.
- Ideal for fixtures, carts, and support frames requiring rigid positioning.
- Can be paired with a retaining clip or set screw for added security.



EXPANDING

- Adjustable design that fits securely inside round or square tubing.
- Expanding rubber sleeve compresses to grip the inner wall of the tubing for a tight hold.
- Ideal for furniture, equipment, and display units where standard sockets are not available.
- Allows quick installation without welding or drilling.



Standard Features

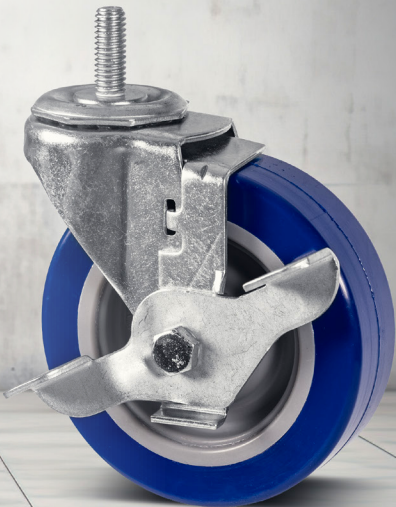
Light duty applications

Double row swivel construction

5/16" diameter nut and bolt axle

Zinc-plated finish for corrosion resistance and appearance

Optional NSF certified casters



Wheel Types
Descriptions on pages 8-11

**Cushionex Supreme**

**Poly II Rubber**

**Spartan Supreme**

**Durafoam**

**Poly II Urethane**

Wheel Brakes

Side Pinch

Strap

Small Plates

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 12 slots
Bolt diameter: 5/16"


Large Plates

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"


Stems	Size	Stem Type	Stem No.	Size	Stem Type	Stem No.
	3/8-16 x 1"	Threaded	04	1/2-13 x 3/4"	Threaded	06
	3/8-16 x 1-1/2"	Threaded	07	1/2-13 x 1"	Threaded	61
	3/8-16 x 1-9/16"	Threaded	64	1/2-13 x 1-1/2"	Threaded	10
	7/16 x 1-3/8"	Friction Ring	01	1/2-13 x 2-1/2"	Threaded	Z3
	7/16 x 1-29/32"	Friction Ring	03	1/2-13 x 9/16"	Threaded	Z4
Other stems available upon request.				13/16" x 1-3/4"	Friction Ring	37

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Plate Pack Qty Small/Large	Swivel Caster Part No.	Rigid Weight (lbs)	Rigid Plate Pack Qty Small/Large	Rigid Caster Part No.
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Plate Casters											
Cushionex Supreme Wheel (Soft rubber All black)											
3	1	100	Delrin®	3-13/16	2-3/4	1-1/4	52	2F68030040001**	1-1/4	52	1F63030040001**
4	1	115	Delrin®	4-13/16	3-1/4	1-1/2	32	2F68040040001**	1-1/2	32	1F63040040001**
5	1	125	Delrin®	5-13/16	4	2	20	2F68050040001**	2	20	1F63050040001**
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)											
3	1	125	Plain	3-13/16	2-3/4	1	52	2F6803P260001**	1	52	1F6303P260001**
4	1	135	Plain	4-13/16	3-1/4	1-1/4	32	2F6804P260001**	1-1/4	32	1F6304P260001**
5	1	145	Plain	5-13/16	4	1-1/2	20	2F6805P260001**	1-1/2	20	1F6305P260001**
Spartan Supreme Wheel (Hard rubber All black)											
3	1	125	Delrin®	3-13/16	2-3/4	1-1/4	52	2F68030090001**	1-1/4	52	1F63030090001**
4	1	140	Delrin®	4-13/16	3-1/4	1-1/2	32	2F68040090001**	1-1/2	32	1F63040090001**
5	1	145	Delrin®	5-13/16	4	2	20	2F68050090001**	2	20	1F63050090001**
Durafoam Wheel (Polyolefin All black)											
3	1	125	Plain	3-13/16	2-3/4	1	52	2F68030270001**	1	52	1F63030270001**
4	1	140	Plain	4-13/16	3-1/4	1-1/4	32	2F68040270001**	1-1/4	32	1F63040270001**
5	1	145	Plain	5-13/16	4	1-1/2	20	2F68050270001**	1-1/2	20	1F63050270001**
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)											
3	1	125	Plain	3-13/16	2-3/4	1	52	2F6803P250001**	1	52	1F6303P250001**
4	1	140	Plain	4-13/16	3-1/4	1-1/4	32	2F6804P250001**	1-1/4	32	1F6304P250001**
5	1	145	Plain	5-13/16	4	1-1/2	20	2F6805P250001**	1-1/2	20	1F6305P250001**

Stem Casters											
Cushionex Supreme Wheel (Soft rubber All black)											
3	1	100	Delrin®	3-3-/4	2-3/4	1-1/4	52	2F69030040001**			
4	1	115	Delrin®	4-11/16	3-1/4	1-1/2	32	2F69040040001**			
5	1	125	Delrin®	5-11/16	4	2	24	2F69050040001**			
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)											
3	1	125	Plain	3-3-/4	2-3/4	1	52	2F6903P260001**			
4	1	135	Plain	4-11/16	3-1/4	1-1/4	32	2F6904P260001**			
5	1	145	Plain	5-11/16	4	1-1/2	24	2F6905P260001**			
Spartan Supreme Wheel (Hard rubber All black)											
3	1	125	Delrin®	3-3-/4	2-3/4	1-1/4	52	2F69030090001**			
4	1	140	Delrin®	4-11/16	3-1/4	1-1/2	32	2F69040090001**			
5	1	145	Delrin®	5-11/16	4	2	24	2F69050090001**			
Durafoam Wheel (Polyolefin All black)											
3	1	125	Plain	3-3-/4	2-3/4	1	52	2F69030270001**			
4	1	140	Plain	4-11/16	3-1/4	1-1/4	32	2F69040270001**			
5	1	145	Plain	5-11/16	4	1-1/2	24	2F69050270001**			
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)											
3	1	125	Plain	3-3-/4	2-3/4	1	52	2F6903P250001**			
4	1	140	Plain	4-11/16	3-1/4	1-1/4	32	2F6904P250001**			
5	1	145	Plain	5-11/16	4	1-1/2	24	2F6905P250001**			

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.

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

Optional NSF certified casters



Wheel Types

Descriptions on pages 8-11

Cushionex Supreme

Poly II Rubber

Spartan Supreme

Durafoam

Poly II Urethane

Wheel Brakes

Side Pinch

Strap

Small Plates

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 12 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"

Available for rigid casters only

Large Plates

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"

Stems

Other stems available upon request.

Size	Stem Type	Stem No.	Size	Stem Type	Stem No.
5/16-18 x 1"	Threaded	17	1/2-13 x 1-1/2"	Threaded	10
3/8-16 x 1"	Threaded	04	1/2-13 x 2-1/2"	Threaded	25
3/8-16 x 1-1/2"	Threaded	07	13/16" x 1-3/4"	Friction Ring	37
7/16 x 1-3/8"	Friction Ring	01	3/4" x 2"	Square	74
7/16 x 1-29/32"	Friction Ring	03	0.856" x 2"	Square	36
7/16-14 x 7/8"	Threaded	23	0.750" x .999"	Expanding	E1
7/16-14 x 1-1/2"	Threaded	05	1.000" x 1.249"	Expanding	E2
1/2 x 1-3/8"	Friction Ring	16	1.250" x 1.499"	Expanding	E3
1/2-13 x 3/4"	Threaded	06	1.500" x 1.749"	Expanding	E4
1/2-13 x 1"	Threaded	61			

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Plate Pack Qty Small/Large	Swivel Caster Part No.	Rigid Weight (lbs)	Rigid Plate Pack Qty Small/Large	Rigid Caster Part No.
PLATE CASTERS											
Cushionex Supreme Wheel (Soft rubber All black)											
2-1/2	1-1/8	120	Sintered	3-7/16	2-1/4	1-1/8	40	2F98070040001**	1	40	1F93070040001**
3	1-1/4	125	Delrin®	3-3/4	2-3/8	1-1/4	40/28	2F98030040001**	1-1/8	40/28	1F93030040001**
4	1-1/4	165	Delrin®	4-11/16	3-3/8	1-1/2	30/24	2F98040040001**	1-1/4	30/24	1F93040040001**
5	1-1/4	190	Delrin®	5-5/8	4-1/8	2-1/4	20	2F98050040001**	2	20	1F93050040001**
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)											
3	1-1/4	210	Delrin®	3-3/4	2-3/8	1-1/8	40/28	2F9803B260001**	1	40/28	1F9303B260001**
4	1-1/4	275	Delrin®	4-11/16	3-3/8	1-1/2	30/24	2F9804B260001**	1-1/4	30/24	1F9304B260001**
5	1-1/4	280	Delrin®	5-5/8	4-1/8	1-3/4	20	2F9805B260001**	1-1/2	20	1F9305B260001**
Spartan Supreme Wheel (Hard rubber All black)											
2-1/2	1-1/8	175	Sintered	3-7/16	2-1/4	1	40	2F98070090001**	1	40	1F93070090001**
3	1-1/4	210	Delrin	3-3/4	2-3/8	1-1/4	40/28	2F98030090001**	1-1/8	40/28	1F93030090001**
4	1-1/4	255	Delrin	4-11/16	3-3/8	1-1/2	30/24	2F98040090001**	1-1/4	30/24	1F93040090001**
5	1-1/4	280	Delrin	5-5/8	4-1/8	2-1/4	20	2F98050090001**	2	20	1F93050090001**
Durafoam Wheel (Polyolefin All black)											
2-1/2	1-1/8	175	Sintered	3-7/16	2-1/4	1	40	2F98071270001**	1	40	1F93071270001**
3	1-1/4	210	Delrin®	3-3/4	2-3/8	1-1/8	40/28	2F98030270001**	1	40/28	1F93030270001**
4	1-1/4	255	Delrin®	4-11/16	3-3/8	1-1/4	30/24	2F98040270001**	1-1/4	30/24	1F93040270001**
5	1-1/4	280	Delrin®	5-5/8	4-1/8	1-1/2	20	2F98050270001**	1-1/2	20	1F93050270001**
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)											
3	1-1/4	210	Delrin®	3-3/4	2-3/8	1	40/28	2F9803B250001**	1	40/28	1F9303B250001**
4	1-1/4	275	Delrin®	4-11/16	3-3/8	1-1/2	30/24	2F9804B250001**	1-1/4	30/24	1F9304B250001**
5	1-1/4	280	Delrin®	5-5/8	4-1/8	1-3/4	20	2F9805B250001**	1-1/2	20	1F9305B250001**W
STEM CASTERS											
Cushionex Supreme Wheel (Soft rubber All black)											
2-1/2	1-1/8	120	Sintered	3-5/16	2-1/4	1	52	2F99070040001**			
3	1-1/4	125	Delrin®	3-5/8	2-3/8	1-1/4	52	2F999030040001**			
4	1-1/4	165	Delrin®	4-1/2	3-3/8	1-1/2	32	2F99040040001**			
5	1-1/4	190	Delrin®	5-1/2	4-1/8	2-1/4	24	2F99050040001**			
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)											
3	1-1/4	210	Delrin®	3-5/8	2-3/8	1	52	2F9903B260001**			
4	1-1/4	275	Delrin®	4-1/2	3-3/8	1-1/2	32	2F9904B260001**			
5	1-1/4	280	Delrin®	5-1/2	4-1/8	2-1/4	24	2F9905B260001**			
Spartan Supreme Wheel (Hard rubber All black)											
2-1/2	1-1/8	175	Sintered	3-5/16	2-1/4	1	52	2F99070090001**			
3	1-1/4	210	Delrin®	3-5/8	2-3/8	1-1/4	52	2F99030090001**			
4	1-1/4	255	Delrin®	4-1/2	3-3/8	1-1/2	32	2F99040090001**			
5	1-1/4	280	Delrin®	5-1/2	4-1/8	2-1/4	24	2F99050090001**			
Durafoam Wheel (Polyolefin All black)											
2-1/2	1-1/8	175	Sintered	3-5/16	2-1/4	1	52	2F99071270001**			
3	1-1/4	210	Delrin®	3-5/8	2-3/8	1-1/4	52	2F99030270001**			
4	1-1/4	255	Delrin®	4-1/2	3-3/8	1-1/2	32	2F99040270001**			
5	1-1/4	280	Delrin®	5-1/2	4-1/8	2-1/4	24	2F99050270001**			
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)											
3	1-1/4	210	Delrin®	3-5/8	2-3/8	1	52	2F9903B250001**			
4	1-1/4	275	Delrin®	4-1/2	3-3/8	1-1/2	32	2F9904B250001**			
5	1-1/4	280	Delrin®	5-1/2	4-1/8	2-1/4	24	2F9905B250001**			

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.

Standard Features

Medium duty applications

Double row swivel construction

3/8" diameter nut and bolt axle

Zinc-plated finish for corrosion resistance and appearance



Wheel Types

Descriptions on pages 8-11

Cushionex Supreme

Poly II Rubber

Spartan Supreme

Poly II Poly

Poly II Urethane

Wheel Brakes

Side Pinch

Small Plates

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 12 slots

Bolt diameter: 5/16"

Large Plates

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"

	Size	Stem Type	Stem No.
Stems Other stems available upon request.	7/16" x 1-3/8"	Friction Ring	01
	7/16" x 1-29/32"	Friction Ring	03
	1/2-13 x 1"	Threaded	61
	1/2-13 x 1-1/2"	Threaded	10
	5/8" x 1-3/8"	Friction Ring	65

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Plate Pack Qty Small/Large	Swivel Caster Part No.	Rigid Weight (lbs)	Rigid Plate Pack Qty Small/Large	Rigid Caster Part No.
PLATE CASTERS											
Cushionex Supreme Wheel (Soft rubber All black)											
4	1-3/8	200	Delrin®	5-1/16	3-3/8	2-1/2	20/16	1F28040040001**	2-1/4	20/16	1F23040040001**
5	1-3/8	240	Delrin®	6-1/16	3-15/16	3	16/10	1F28050040001**	2-3/4	16/10	1F23050040001**
6	1-3/8	280	Delrin®	7-1/16	4-15/16	4	10	1F28060040001**	2-3/4	10	1F23060040001**
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)											
4	1-1/2	275	Delrin®	5-1/16	3-3/8	2	20/16	1F2804B260001**	1-3/4	20/16	1F2304B260001**
5	1-1/2	300	Delrin®	6-1/16	3-15/16	2-1/4	16/10	1F2805B260001**	2	16/10	1F2305B260001**
6	1-1/2	300	Delrin®	7-1/16	4-15/16	2-1/2	10	1F2806B260001**	2-1/4	10	1F2306B260001**
Spartan Supreme Wheel (Hard rubber All black)											
4	1-3/8	300	Delrin®	5-1/16	3-3/8	2-1/2	20/16	1F28040090001**	2-1/4	20/16	1F23040090001**
5	1-3/8	350	Delrin®	6-1/16	3-15/16	3	16/10	1F28050090001**	2-3/4	16/10	1F23050090001**
6	1-3/8	400	Delrin®	7-1/16	4-15/16	4	10	1F28060090001**	3-3/4	10	1F23060090001**
Poly II Poly Wheel (Polyolefin All black)											
4	1-3/8	375	Delrin®	5-1/16	3-3/8	2	20/16	1F28040270001**	1-1/8	20/16	1F23040270001**
5	1-3/8	400	Delrin®	6-1/16	3-15/16	2-1/4	16/10	1F28050270001**	1-1/4	16/10	1F23050270001**
6	1-3/8	400	Delrin®	7-1/16	4-15/16	2-1/2	10	1F28050270001**	2	10	1F23050270001**
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)											
4	1-1/2	375	Delrin®	5-1/16	3-3/8	2	20/16	1F2804B250001**	1-1/8	20/16	1F2304B250001**
5	1-1/2	400	Delrin®	6-1/16	3-15/16	2-1/4	16/10	1F2805B250001**	1-1/4	16/10	1F2305B250001**
6	1-1/2	400	Delrin®	7-1/16	4-15/16	2-1/2	10	1F2806B250001**	2	10	1F2306B250001**
STEM CASTERS											
Cushionex Supreme Wheel (Soft rubber All black)(Gray thermoplastic Rubber tread on gray polyolefin hub)											
4	1-3/8	200	Delrin®	4-7/8	3-3/8	2-1/4	24	1F29040040001**	N/A	N/A	N/A
5	1-3/8	240	Delrin®	5-7/8	3-15/16	2-3/4	20	1F29050040001**	N/A	N/A	N/A
6	1-3/8	280	Delrin®	6-7/8	4-15/16	3-3/4	16	1F29060040001**	N/A	N/A	N/A
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)											
4	1-1/2	275	Delrin®	4-7/8	3-3/8	1-3/4	24	1F2904B260001**	N/A	N/A	N/A
5	1-1/2	300	Delrin®	5-7/8	3-15/16	2	20	1F2905B260001**	N/A	N/A	N/A
6	1-1/2	300	Delrin®	6-7/8	4-15/16	2-1/4	16	1F2906B260001**	N/A	N/A	N/A
Spartan Supreme Wheel (Hard rubber All black)											
4	1-3/8	300	Delrin®	4-7/8	3-3/8	2-1/4	24	1F29040090001**	N/A	N/A	N/A
5	1-3/8	350	Delrin®	5-7/8	3-15/16	2-3/4	20	1F29050090001**	N/A	N/A	N/A
6	1-3/8	400	Delrin®	6-7/8	4-15/16	3-3/4	16	1F29060090001**	N/A	N/A	N/A
Poly II Poly Wheel (Polyolefin All black)											
4	1-3/8	375	Delrin®	4-7/8	3-3/8	1-3/4	24	1F29040270001**	N/A	N/A	N/A
5	1-3/8	400	Delrin®	5-7/8	3-15/16	2	20	1F29050270001**	N/A	N/A	N/A
6	1-3/8	400	Delrin®	6-7/8	4-15/16	2-1/4	16	1F29060270001**	N/A	N/A	N/A
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)											
4	1-1/2	375	Delrin®	4-7/8	3-3/8	1-3/4	24	1F2904B250001**	N/A	N/A	N/A
5	1-1/2	400	Delrin®	5-7/8	3-15/16	2	20	1F2905B250001**	N/A	N/A	N/A
6	1-1/2	400	Delrin®	6-7/8	4-15/16	2-1/4	16	1F2906B250001**	N/A	N/A	N/A

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.

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
- Assembly wrench 1M000192797
- Optional NSF certified casters



Wheel Types

Descriptions on pages 8-11



Cushionex Supreme



Poly II Rubber



Spartan Supreme



Poly II Poly



Poly II Urethane

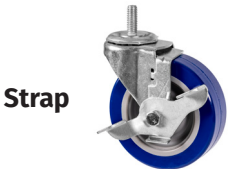


Duratex Phenolic



Semi-steel

Wheel Brakes



Options

Grease Seal/ Dust Cover
Not recommended for high temperature applications



Roller Bearings
For 3F23, 3F28 and 3F29 casters



Finishes
Nickel-Plated For 3F23, 3F28 and 3F29 casters

Small Plates

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 12 slots
Bolt diameter: 5/16"



Large Plates

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: 3/16"



AS top plate is for swivel casters only

Stems

Other stems available upon request.

Size	Stem Type	Stem No.	Size	Stem Type	Stem No.
3/8-16 x 1"	Threaded	04	3/4" x 2"	Square	74
3/8-16 x 1-1/2"	Threaded	07	0856" x 2"	Square	36
7/16" x 1-3/8"	Friction Ring	01	0.750"-0.999"	Expanding	E1
7/16" x 1-29/32"	Friction Ring	03	1.000"-1.249"	Expanding	E2
1/2-13 x 1"	Threaded	61	1.250"-1.499"	Expanding	E3
1/2-13 x 1-1/2"	Threaded	10	1.500"-1.749"	Expanding	E4
1/2-13 x 2-1/2"	Threaded	25			

MEDIUM DUTY INSTITUTIONAL SERIES CASTERS

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Plate Pack Qty Small/Large	Swivel Caster Part No.	Rigid Weight (lbs)	Rigid Plate Pack Qty Small/Large	Rigid Caster Part No.
PLATE CASTERS											
Cushionex Supreme Wheel (Soft rubber All black)											
3-1/2	1-1/4	155	Delrin®	4-5/8	3-3/16	2-1/4	24/NA	3F08B9D040001**	2	24/NA	3F0349D040001**
4	1-1/4	165	Delrin®	5-1/8	3-3/8	2-1/2	24/16	3F08B4D040001**	2-1/4	24/16	3F0344D040001**
4	1-3/8	200	Delrin®	5-3/8	3-3/8	2-3/4	20/16	3F28B4D040001**	2-1/2	20/16	3F2344D040001**
5	1-1/4	200	Delrin®	6-1/4	3-15/16	3-1/4	20/12	3F08B5D040001**	3	20/12	3F0345D040001**
5	1-3/8	240	Delrin®	6-3/8	3-15/16	3-1/2	16/10	3F28B5D040001**	3-1/4	16/10	3F2345D040001**
6	1-3/8	280	Delrin®	7-3/8	4-7/16	4-1/2	16/10	3F28B6D040001**	4-1/4	16/10	3F2346D040001**
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)											
3-1/2	1-1/4	250	Delrin®	4-5/8	3-3/16	2	24/NA	3F08B9B260001**	1-3/4	24/NA	3F0349B260001**
4	1-1/4	275	Delrin®	5-1/8	3-3/8	2	24/16	3F08B4B260001**	1-3/4	24/16	3F0344B260001**
4	1-1/2	275	Delrin®	5-3/8	3-3/8	2-1/4	20/16	3F28B4B260001**	2	20/16	3F2344B260001**
5	1-1/4	300	Delrin®	6-1/4	3-15/16	2-1/2	20/12	3F08B5B260001**	2-1/4	20/12	3F0345B260001**
5	1-1/2	300	Delrin®	6-3/8	3-15/16	2-3/4	16/10	3F28B5B260001**	2-1/2	16/10	3F2345B260001**
6	1-1/2	300	Delrin®	7-3/8	4-7/16	3-1/4	16/10	3F28B6B260001**	3	16/10	3F2346B260001**
Spartan Supreme Wheel (Hard rubber All black)											
3-1/2	1-1/4	250	Delrin®	4-5/8	3-3/16	2-1/4	24/NA	3F08B9D090001**	2	24/NA	3F0349D090001**
4	1-1/4	255	Delrin®	5-1/8	3-3/8	2-1/2	24/16	3F08B4D090001**	2-1/4	24/16	3F0344D090001**
4	1-3/8	300	Delrin®	5-3/8	3-3/8	2-3/4	20/16	3F28B4D090001**	2-1/2	20/16	3F2344D090001**
5	1-1/4	280	Delrin®	6-1/4	3-15/16	3-1/4	20/12	3F08B5D090001**	3	20/12	3F0345D090001**
5	1-3/8	350	Delrin®	6-3/8	3-15/16	3-1/2	16/10	3F28B5D090001**	3-1/4	16/10	3F2345D090001**
6	1-3/8	400	Delrin®	7-3/8	4-7/16	4-1/2	16/10	3F28B6D090001**	4-1/4	16/10	3F0346D090001**
Poly II Poly Wheel (Polyolefin All black)											
3-1/2	1-1/4	250	Delrin®	4-5/8	3-3/16	2	24/NA	3F08B9B270001**	1-3/4	24/NA	3F0349B270001**
4	1-3/8	375	Delrin®	5-1/8	3-3/8	2	24/16	3F08B4B270001**	1-3/4	24/16	3F0344B270001**
4	1-3/8	375	Delrin®	5-3/8	3-3/8	2-1/4	20/16	3F28B4B270001**	2	20/16	3F2344B270001**
5	1-3/8	450	Delrin®	6-1/4	3-15/16	2-1/2	20/12	3F08B5B270001**	2-1/4	20/12	3F0345B270001**
5	1-3/8	450	Delrin®	6-3/8	3-15/16	2-3/4	16/10	3F28B5B270001**	2-1/2	16/10	3F2345B270001**
6	1-3/8	450	Delrin®	7-3/8	4-7/16	3-1/4	16/10	3F28B6B270001**	3-1/4	16/10	3F2346B270001**
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)											
3-1/2	1-1/4	250	Delrin®	4-5/8	3-3/16	2	24/NA	3F08B9B250001**	1-3/4	24/NA	3F0349B250001**
4	1-1/4	275	Delrin®	5-1/8	3-3/8	2	24/16	3F08B4B250001**	1-3/4	24/16	3F0344B250001**
4	1-1/2	375	Delrin®	5-3/8	3-3/8	2-1/4	20/16	3F28B4B250001**	2	20/16	3F2344B250001**
5	1-1/4	300	Delrin®	6-1/4	3-15/16	2-1/2	20/12	3F08B5B250001**	2-1/4	20/12	3F0345B250001**
5	1-1/2	450	Delrin®	6-3/8	3-15/16	2-3/4	16/10	3F28B5B250001**	2-1/2	16/10	3F2345B250001**
6	1-1/2	450	Delrin®	7-3/8	4-7/16	3-1/4	16/10	3F28B6B250001**	3	16/10	3F2346B250001**
Duratex Wheel (Phenolic Resin All black)											
3	1-1/2	350	Roller	4-3/8	3-1/8	2-1/4	24/NA	3F08B34380801**	2	24/NA	3F03434380801**
3(H)	1-1/2	300	Roller	4-3/8	3-1/8	2-1/4	24/NA	3F08B34340801**	2	24/NA	3F03434340801**
4	1-1/2	450	Roller	5-3/8	3-3/8	2-3/4	20/16	3F28B44380001**	2-1/2	20/16	3F23444380001**
4(H)	1-1/2	375	Roller	5-1/16	3-3/8	2-3/4	20/16	1F28444340001**	2-1/2	20/16	1F23444340001**
5	1-1/2	450	Roller	6-3/8	3-15/16	3-1/2	16/10	3F28B54380001**	3-1/4	16/10	3F23454380001**
5(H)	1-1/2	400	Roller	6-1/16	3-15/16	3-1/2	16/10	1F28454340001**	3-1/4	16/10	1F23454340001**
6	1-1/2	450	Roller	7-3/8	4-7/16	4-1/4	16/10	3F28B64380001**	4	16/10	3F23464380001**
Semi-steel Wheel (Cast Iron mixed with steel All black)											
3	1-1/4	450	Roller	4-3/8	2-15/16	2-3/4	24/NA	3F08B34110801**	2-1/2	24/NA	3F034434110801**
4	1-1/2	450	Roller	5-3/8	3-3/8	3-3/4	20/16	3F28B44110001**	3-1/2	20/16	3F23444110001**

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.
(H) Wheel is high-temperature phenolic with an operative range or 475°F continuous, 525°F intermittent.

MEDIUM DUTY INSTITUTIONAL SERIES CASTERS

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Approximate Weight (lbs)	Swivel Weight (lbs)	Swivel Plate Pack Qty	Swivel Caster Part No
STEM CASTERS									
Cushionex Supreme Wheel (Soft rubber All black)									
3-1/2	1-1/4	155	Delrin®	4-1/2	3-3/16	2-1/4	24/NA	?	3F09B9D040001**
4	1-1/4	165	Delrin®	5	3-3/8	2-1/2	24/16	?	3F09B4D040001**
4	1-3/8	200	Delrin®	5-1/4	3-3/8	2-3/4	20/16	?	3F29B4D040001**
5	1-1/4	200	Delrin®	6-1/8	3-15/16	3-1/4	20/12	?	3F09B5D040001**
5	1-3/8	240	Delrin®	6-1/4	3-15/16	3-1/2	16/10	?	3F29B5D040001**
6	1-3/8	280	Delrin®	7-1/4	4-7/16	4-1/2	16/10	?	3F29B6D040001**
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on gray polyolefin hub)									
3-1/2	1-1/4	250	Delrin®	4-1/2	3-3/16	2	24/NA	?	3F09B9B260001**
4	1-1/4	275	Delrin®	5	3-3/8	2	24/16	?	3F09B4B260001**
4	1-1/2	275	Delrin®	5-1/4	3-3/8	2-1/4	20/16	?	3F29B4B260001**
5	1-1/4	300	Delrin®	6-1/8	3-15/16	2-1/2	20/12	?	3F09B5B260001**
5	1-1/2	300	Delrin®	6-1/4	3-15/16	2-3/4	16/10	?	3F29B5B260001**
6	1-1/2	300	Delrin®	7-1/4	4-7/16	3-1/4	16/10	?	3F29B6B260001**
Spartan Supreme Wheel (Hard rubber All black)									
3-1/2	1-1/4	250	Delrin®	4-1/2	3-3/16	2-1/4	24/NA	?	3F09B9D090001**
4	1-1/4	255	Delrin®	5	3-3/8	2-1/2	24/16	?	3F09B4D090001**
4	1-3/8	300	Delrin®	5-1/4	3-3/8	2-3/4	20/16	?	3F29B4D090001**
5	1-1/4	280	Delrin®	6-1/8	3-15/16	3-1/4	20/12	?	3F09B5D090001**
5	1-3/8	350	Delrin®	6-1/4	3-15/16	3-1/2	16/10	?	3F29B5D090001**
6	1-3/8	400	Delrin®	7-1/4	4-7/16	4-1/2	16/10	?	3F29B6D090001**
Poly II Poly Wheel (Polyolefin All black)									
3-1/2	1-1/4	250	Delrin®	4-1/2	3-3/16	2	24/NA	?	3F09B9B270001**
4	1-3/8	375	Delrin®	5	3-3/8	2	24/16	?	3F09B4B270001**
4	1-3/8	375	Delrin®	5-1/4	3-3/8	2-1/4	20/16	?	3F29B4B270001**
5	1-3/8	450	Delrin®	6-1/8	3-15/16	2-1/2	20/12	?	3F09B5B270001**
5	1-3/8	450	Delrin®	6-1/4	3-15/16	2-3/4	16/10	?	3F29B5B270001**
6	1-3/8	450	Delrin®	7-1/4	4-7/16	3-1/4	16/10	?	3F29B6B270001**
Poly II Urethane Wheel (Blue Polyurethane tread on gray polyolefin hub)									
3-1/2	1-1/4	250	Delrin®	4-1/2	3-3/16	2	24/NA	?	3F09B9B250001**
4	1-1/4	275	Delrin®	5	3-3/8	2	24/16	?	3F09B4B250001**
4	1-1/2	375	Delrin®	5-1/4	3-3/8	2-1/4	20/16	?	3F29B4B250001**
5	1-1/4	300	Delrin®	6-1/8	3-15/16	2-1/2	20/12	?	3F09B5B250001**
5	1-1/2	450	Delrin®	6-1/4	3-15/16	2-3/4	16/10	?	3F29B5B250001**
6	1-1/2	450	Delrin®	7-1/4	4-7/16	3-1/4	16/10	?	3F29B6B250001**
Duratex Wheel (Phenolic Resin All black)									
3	1-1/2	350	Roller	4-1/4	3-1/8	2-1/4	24/NA	?	3F09B34380801**
4	1-1/2	450	Roller	5-1/4	3-3/8	2-3/4	20/16	?	3F29B44380001**
5	1-1/2	450	Roller	6-1/4	3-15/16	3-1/2	16/10	?	3F29B54380001**
6	1-1/2	450	Roller	7-1/4	4-7/16	4-1/4	16/10	?	3F29B64380001**

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

Standard Features

Medium duty applications

Double row swivel construction

3/8" diameter nut and bolt axle

Zinc-plated finish for corrosion resistance and appearance

Ideal for electronic and business machines, display stands, racks and other applications needing a high capacity, low height caster.

Assembly wrench 1M000192797

Optional NSF Certified Casters



Wheel Types

Descriptions on pages 8-11

Cushionex Supreme

Poly II Urethane

Spartan Supreme

Durafoam

Duratex Phenolic

Wheel Brakes

Side Pinch

Thumb Screw

Small Plates

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 12 slots
Bolt diameter: 5/16"

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Large Plates

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"

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	Size	Stem Type	Stem No.
Stems	3/8-16 x 1"	Threaded	04
	3/8-16 x 1-1/2"	Threaded	07
	7/16 x 1-3/8"	Friction Ring	01
	7/16 x 1-29/32"	Friction Ring	03
	7/16-14 x 1-1/2"	Threaded	05
	1/2-13 x 3/4"	Threaded	06
	1/2-13 x 1"	Threaded	61
	1/2-13 x 1-1/2"	Threaded	10
Other stems available upon request.		1/2-13 x 2-1/2" (leveling)	18

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Plate Pack Qty Small/Large	Swivel Caster Part No.	Rigid Weight (lbs)	Rigid Plate Pack Qty Small/Large	Rigid Caster Part No.
PLATE CASTERS											
Cushionex Supreme Dual Wheel (Soft rubber All black)											
2	13/16 each	150	Delrin	2-15/16	1-7/8	1-1/2	44/40	1F58027040001**	1-1/2	44/40	1F53027040001**
2-1/2	13/16 each	175	Delrin	3-1/2	2-7/32	1-3/4	28	1F58077040001**	1-5/8	28	1F53077040001**
3	13/16 each	250	Delrin	3-7/8	2-1/4	1-3/4	24	1F58037040001**	1-3/4	24	1F53037040001**
Poly II Urethane Single Wheel (Blue polyurethane tread on gray polyolefin hub)											
3	1-3/4	250	Standard Ball	3-7/8	2-1/4	2	24	1F5803A250001**	1-1/2	24	1F5303A250001**
3	1-3/4	450	Precision Ball	3-7/8	2-1/4	2	24	1F5803K250001**	1-1/2	24	1F5303K250001**
Spartan Supreme Dual Wheel (Hard rubber All black)											
2	13/16 each	200	Delrin	2-15/16	1-7/8	1-1/2	44/40	1F58027090001**	1-1/2	44/40	1F53027090001**
2-1/2	13/16 each	300	Delrin	3-1/2	2-7/32	1-3/4	28	1F58077090001**	1-5/8	28	1F53077090001**
3	13/16 each	350	Delrin	3-7/8	2-1/4	1-3/4	24	1F58037090001**	1-3/4	24	1F53037090001**
Durafoam Single Wheel (Polyolefin All black)											
2-1/2	1-3/4	300	Plain	3-1/2	2-7/32	1-1/2	28	1F58070270001**	1-1/4	28	1F53070270001**
3	1-3/4	350	Sintered	3-7/8	2-1/4	1-1/2	24	1F58030270001**	1-1/2	24	1F53030270001**
3	1-3/4	350	Roller	3-7/8	2-1/4	1-1/2	24	1F58034270001**	1-1/2	24	1F53034270001**
Duratex Single Wheel (Phenolic resin All black)											
2-1/2	1-3/4	300	Roller	3-1/2	2-7/32	1-3/4	28	1F58074380001**	1-1/8	40/28	1F53074380001**
2-5/8	1-3/4	350	Roller	3-9/16	2-1/4	1-3/4	28	1F58014380001**	1-1/4	30/24	1F53014380001**
3	1-13/16	500	Roller	3-7/8	2-1/4	2-1/4	24	1F58034380001**	2	20	1F53034380001**

STEM CASTERS											
Cushionex Supreme Dual Wheel (Soft rubber All black)											
2	13/16 each	150	Delrin®	2-3/4	1-7/8	1-1/2	48	1F59027040001**			
2-1/2	13/16 each	175	Delrin®	3-3/8	2-7/32	1-3/4	40	1F59077040001**			
3	13/16 each	250	Delrin®	3-3/4	2-1/4	1-3/4	32	1F59037040001**			
Poly II Urethane Single Wheel (Blue polyurethane tread on gray polyolefin hub)											
3	1-3/4	250	Standard Ball	3-3/4	2-1/4	2	32	1F5903A250001**			
3	1-3/4	450	Precision Ball	3-3/4	2-1/4	2	32	1F5903K250001**			
Spartan Supreme Dual Wheel (Hard rubber All black)											
2	13/16 each	200	Delrin®	2-3/4	1-7/8	1-1/2	48	1F59027090001**			
2-1/2	13/16 each	300	Delrin®	3-3/8	2-7/32	1-3/4	40	1F59077090001**			
3	13/16 each	350	Delrin®	3-3/4	2-1/4	1-3/4	32	1F59037090001**			
Durafoam Single Wheel (Polyolefin All black)											
2-1/2	1-3/4	300	Plain	3-3/8	2-7/32	1-1/2	40	1F59070270001**			
3	1-3/4	350	Sintered	3-3/4	2-1/4	1-1/2	32	1F59030270001**			
3	1-3/4	350	Roller	3-3/4	2-1/4	1-1/2	32	1F59034270001**			
Duratex Single Wheel (Phenolic resin All black)											
2-1/2	1-3/4	300	Roller	3-3/8	2-7/32	1-3/4	40	1F59074380001**			
2-5/8	1-3/4	350	Roller	3-7/16	2-1/4	1-3/4	40	1F59014380001**			
3	1-13/16	500	Roller	3-3/4	2-1/4	2-1/4	32	1F59034380001**			

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.

Standard Features

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 caster

Ideal for mobile tool chests, work benches, platform and stock trucks, carts and dollies, laundry and refuse hampers and trucks, and more.

Bright chromed zinc finish

Roller bearing wheel and 1/2" nut and bolt axle

All swivel casters have a unique upper race which also serves as a dust cover to block out contaminates

The load capacity is exceptional for a top plate with bolt hole spacing of 1-3/4" x 3"



Wheel Types

Descriptions on pages 8-11



Poly II Rubber



Poly II Urethane



Poly II Poly



Duratex

Options



Thread Guard



Total Lock Brake



4-Position Swivel Lock



Directional Lock Brake

Small Plates

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"



Large Plates

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"



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Pack Qty Small/Large	Swivel Caster Part No.	Rigid Weight (lbs)	Rigid Plate Pack Qty Small/Large	Rigid Caster Part No.
SWIVEL AND RIGID PLATE CASTERS											
Poly II Rubber Wheel (Gray thermoplastic rubber tread on gray polyolefin hub)											
4	2	300	Roller	5-5/8	4	3.6	12	4F8804C260001**	3	12	4F8304C260001**
5	2	350	Roller	6-1/2	4-1/8	4	10	4F8805C260001**	3-1/2	10	4F8305C260001**
6	2	400	Roller	7-1/2	4-5/8	4.5	8	4F8806C260001**	4	8	4F8306C260001**
Poly II Urethane Wheel (Red polyurethane tread on gray polyolefin hub)											
4	2	600	Roller	5-5/8	4	3.6	12	4F8804C250001**	3	12	4F8304C250001**
5	2	650	Roller	6-1/2	4-1/8	4	10	4F8805C250001**	3-1/2	10	4F8305C250001*
6	2	700	Roller	7-1/2	4-5/8	4.5	8	4F8806C250001**	4	8	4F8306C250001**
Poly II Poly Wheel (Polyolefin All black)											
4	2	600	Roller	5-5/8	4	3.6	12	4F8804C270001**	3	12	4F8304C270001**
5	2	650	Roller	6-1/2	4-1/8	4	10	4F8805C270001**	3-1/2	10	4F8305C270001**
6	2	700	Roller	7-1/2	4-5/8	4.5	8	4F8806C270001**	4	8	4F8306C270001**
Duratex Wheel (Phenolic resin All black)											
4	2	600	Roller	5-5/8	4	4	12	4F88044380001**	3-1/2	12	4F83044380001**
5	2	650	Roller	6-1/2	4-1/8	4.6	10	4F88054380001**	4	10	4F83054380001**
6	2	700	Roller	7-1/2	4-5/8	5.4	8	4F88064380001**	4-3/4	8	4F83064380001**

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity 9lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Total-Lock Weight (lbs)	Total-Lock Pack Qty	Total-Lock Caster Part No.	4-Position Swivel-Lock Weight (lbs)	4-Position Swivel-Lock Pack Qty	4-Position Swivel Caster Part No.
TOTAL-LOCK AND 4-POSITION SWIVEL PLATE CASTERS											
Poly II Rubber Wheel (Gray thermoplastic rubber tread on gray polyolefin hub)											
4	2	300	Roller	5-5/8	5-1/2	4	12	4F8804C260071**	4	12	4F8804C2600D1**
5	2	350	Roller	6-1/2	5-1/2	4.5	10	4F8805C260071**	4-1/2	10	4F8805C2600D1**
6	2	400	Roller	7-1/2	5-1/2	5	8	4F8806C260071**	5	8	4F8806C2600D1**
Poly II Urethane Wheel (Red polyurethane tread on gray polyolefin hub)											
4	2	600	Roller	5-5/8	5-1/2	4	12	4F8804C250071**	4	12	4F8804C2500D1**
5	2	650	Roller	6-1/2	5-1/2	4.5	10	4F8805C250071**	4-1/2	10	4F8805C2500D1**
6	2	700	Roller	7-1/2	5-1/2	5	8	4F8806C250071**	5	8	4F8806C2500D1**
Poly II Poly Wheel (Polyolefin All black)											
4	2	600	Roller	5-5/8	5-1/2	4	12	4F8804C270071**	4	12	4F8804C2700D1**
5	2	650	Roller	6-1/2	5-1/2	4.5	10	4F8805C270071**	4-1/2	10	4F8805C2700D1**
6	2	700	Roller	7-1/2	5-1/2	5	8	4F8806C270071**	5	8	4F8806C2700D1**
Duratex Wheel (Phenolic resin All black)											
4	2	600	Roller	5-5/8	5-1/2	4.5	12	4F88044380071**	4-1/2	12	4F880443800D1**
5	2	650	Roller	6-1/2	5-1/2	5	10	4F88054380071**	5	10	4F880543800D1**
6	2	700	Roller	7-1/2	5-1/2	5.5	8	4F88064380071**	5-1/2	8	4F880643800D1**

*Swivel Radius represents a swivel caster with Total-Lock brake (Non brake versions will be less). **NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.

Standard Features

Double row swivel construction with extra large raceways for long service life

1/2" diameter nut and bolt grease fitting axle

Zinc-plated finish for corrosion resistance and appearance

1/4" thick steel top plate and welded leg construction

3/4" diameter swivel kingpin revet



Swivel with Total-Lock Brake

Foot-operated lever simultaneously locks wheel and swivel

Upward pressure on lever releases brakes

Swivel with 4-Position Swivel Lock

Caster swivel locks in 90° increments

Downward pressure on lever engages lock; upward pressure releases lock

Wheel Types

Descriptions on pages 8-11



Mold-On Rubber



Poly II Rubber



Poly II Urethane



Mold-On Poly



Poly II Poly



Duratex



Semi-Steel

Side Pinch Type Wheel Brake



Thread Guards



Total Lock Brake



Directional Lock Brake



Grease Seal

Upper and/or lower swivel raceway
(Total-Lock and 4-Position swivel lock available only with upper seal)



Finishes

Zinc and Yellow Chromate

Withstands 100 hours salt spray corrosion test



Small Plates

Overall size: 4" x 4-5/8"
Hole spacing: 2-5/8" x3-5/8" to 3" x 3"
Hole diameter: 3/8" x 3/4" slots
Bolt diameter: 3/8"



Large Plates

Overall size: 5" x5-1/2"
Hole spacing: 4-1/8" x 4-1/2"
Hole diameter: 25/64"
Bolt diameter: 3/8"



Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Pack Qty	Swivel Caster Part No.	Rigid Weight (lbs)	Rigid Pack Qty	Rigid Caster Part No.
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SWIVEL AND RIGID PLATE CASTERS

Mold-On Rubber Wheel											
4	2	300	Roller	5-5/8	3-7/16	5-3/4	10/6	1F88045120001**	4-1/4	10/6	1F83045120001**
5	2	350	Roller	6-1/2	4-1/8	6-1/4	8/6	1F88055120001**	4-1/2	8/6	1F83055120001**
6	2	410	Roller	7-1/2	4-7/8	6-3/4	6/4	1F88065120001**	5-1/4	6/4	1F83065120001**
8	2	500	Roller	9-1/2	6-1/8	8-1/4	4	1FA8085120001**	6-1/2	4	1F83085120001**
Poly II Rubber Wheel											
4	2	300	Roller	5-5/8	3-7/16	5	10/6	1F8804C260001**	3-1/2	10/6	1F8304C260001**
5	2	325	Roller	6-1/2	4-1/8	5-3/4	8/6	1F8805C260001**	4	8/6	1F8305C260001**
6	2	400	Roller	7-1/2	4-7/8	6-1/4	6/4	1F8806C260001**	4-3/4	6/4	1F8306C260001**
8	2	475	Roller	9-1/2	6-1/8	7-1/2	4	1FA808C260001**	5-3/4	4	1F8308C260001**
Poly II Poly Wheel											
4	2	400	Roller	5-5/8	3-7/16	5	10/6	1F8804C270001**	3-1/2	10/6	1F8304C270001**
5	2	750	Roller	6-1/2	4-1/8	5-3/4	8/6	1F8805C270001**	4	8/6	1F8305C270001**
6	2	900	Roller	7-1/2	4-7/8	6-1/4	6/4	1F8806C270001**	4-3/4	6/4	1F8306C270001**
8	2	900	Roller	9-1/2	6-1/8	7-1/2	4	1FA808C270001**	5-3/4	4	1F8308C270001**
Poly II Urethane Wheel											
4	2	600	Roller	5-5/8	3-7/16	5	10/6	1F8804C250001**	3-1/2	10/6	1F8304C250001**
5	2	750	Roller	6-1/2	4-1/8	5-3/4	8/6	1F8805C250001**	4	8/6	1F8305C250001**
6	2	900	Roller	7-1/2	4-7/8	6-1/4	6/4	1F8806C250001**	4-3/4	6/4	1F8306C250001**
8		900	Roller	9-1/2	6-1/8	7-1/2	4	1FA808C250001**	5-3/4	4	1F8308C250001**
Mold-On Polyurethane Wheel											
4	2	750	Roller	5-5/8	3-7/16	5-3/4	10/6	1F88046250001**	4-1/4	10/6	1F83045250001**
5	2	1050	Roller	6-1/2	4-1/8	7-1/2	8/6	1F88056250001**	5-3/4	8/6	1F83055250001**
6	2	1200	Roller	7-1/2	4-7/8	8	6/4	1F88066250001**	6-1/2	6/4	1F83065250001**
8	2	1200	Roller	9-1/2	6-1/8	8-3/4	4	1FA8086250001**	7	4	1F83085250001**
Duratex Wheel											
3-1/4	2	700	Roller	5-1/4	3-1/16	5-1/4	10/6	1F880A4380801**	3-3/4	10/6	1F830A4380801**
4	2	800	Roller	5-5/8	3-7/16	5-3/4	10/6	1F88044380001**	4-1/4	10/6	1F83044380001**
4 (H)	2	600	Roller	5-5/8	3-7/16	5-3/4	10/6	1F88044340001**	4-1/4	10/6	1F83044340001**
5	2	1000	Roller	6-1/2	4-1/8	6	8/6	1F88054380001**	4-1/4	8/6	1F83054380001**
5 (H)	2	750	Roller	6-1/2	4-1/8	6	8/6	1F88054340001**	4-1/4	8/6	1F83054340001**
6	2	1200	Roller	7-1/2	4-7/8	7	6/4	1F88064380001**	5-1/2	6/4	1F83064380001**
6 (H)	2	900	Roller	7-1/2	4-7/8	7	6/4	1F88064340001**	5-1/2	6/4	1F83064340001**
8	2	1200	Roller	9-1/2	6-1/8	9	4	1FA8084380001**	7-1/4	4	1F83084380001**
Semi-Steel Wheel											
4	2	1000	Roller	5-5/8	3-7/16	9	10/6	1F88044110001**	7-1/2	10/6	1F83044110001**
5	2	1000	Roller	6-1/2	4-1/8	9-1/2	8/6	1F88054110001**	7-3/4	8/6	1F83054110001**
6	2	1200	Roller	7-1/2	4-7/8	10	6/4	1F88064110001**	8-1/2	6/4	1F83064110001**
8	2	1200	Roller	9-1/2	6-1/8	14	4	1FA8084110001**	12-1/4	4	1F83084110001**

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.

HEAVY DUTY CASTERS

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Total-Lock Radius (inches)	Total-Lock Weight (lbs)	Total-Lock Pack Qty Small/Large	4-Position Caster Part No.	4-Position Weight (lbs)	4-Position Pack Qty Small/Large	4-Position Caster Part No.
TOTAL-LOCK AND 4-POSITION SWIVEL-LOCK CASTERS											
Mold-On Rubber Wheel											
5	2	350	Roller	6-1/2	5-1/8	7	8/6	1F88055140071**	4-1/2	8/6	1F880551400D1**
6	2	410	Roller	7-1/2	5-1/8	8-1/2	6/4	1F88065140071**	5-1/4	6/4	1F880651400D1**
8	2	500	Roller	9-1/2	6-1/8	9	4	1FA8085140071**	6-1/2	4	1FA80851400D1**
Poly II Rubber Wheel											
5	2	325	Roller	6-1/2	5-1/8	6-1/2	8/6	1F8805C260071**	4	8/6	1F8805C2600D1**
6	2	400	Roller	7-1/2	5-1/8	8	6/4	1F8806C260071**	4-3/4	6/4	1F8806C2600D1**
8	2	475	Roller	9-1/2	6-1/8	8-1/2	4	1F8808C260071**	5-3/4	4	1F8808C2600D1**
Poly II Poly Wheel											
5	2	650	Roller	6-1/2	5-1/8	6-1/2	8/6	1F8805C270071**	4	8/6	1F8805C2700D1**
6	2	700	Roller	7-1/2	5-1/8	8	6/4	1F8806C270071**	4-3/4	6/4	1F8806C2700D1**
8	2	900	Roller	9-1/2	6-1/8	8-1/2	4	1F8808C270071**	5-3/4	4	1F8808C2700D1**
Poly II Urethane Wheel											
5	2	750	Roller	6-1/2	5-1/8	6-1/2	8/6	1F8805C250071**	4	8/6	1F8805C2500D1**
6	2	900	Roller	7-1/2	5-1/8	8	6/4	1F8806C250071**	4-3/4	6/4	1F8806C2500D1**
8		900	Roller	9-1/2	6-1/8	8-1/2	4	1F8808C250071**	5-3/4	4	1F8808C2500D1**
Mold-On Polyurethane Wheel											
5	2	1050	Roller	6-1/2	5-1/8	7-1/2	8/6	1F88056250071**	5-3/4	8/6	1F880562500D1**
6	2	1200	Roller	7-1/2	5-1/8	8	6/4	1F88066250071**	6-1/2	6/4	1F880662500D1**
8	2	1200	Roller	9-1/2	6-1/8	9-1/2	4	1F88086250071**	7	4	1F880862500D1**
Duratex Wheel											
5	2	1000	Roller	6-1/2	5-1/8	6-3/4	8/6	1F88054380071**	4-1/4	8/6	1F880543800D1**
6	2	1200	Roller	7-1/2	5-1/8	7-3/4	6/4	1F88064380071**	5-1/2	6/4	1F880643800D1**
8	2	1200	Roller	9-1/2	6-1/8	9-1/2	4	1F88084380071**	7-1/4	4	1F880843800D1**
Semi-Steel Wheel											
5	2	1000	Roller	6-1/2	5-1/8	10-1/4	8/6	1F88054110071**	7-3/4	8/6	1F880541100D1**
6	2	1200	Roller	7-1/2	5-1/8	11-3/4	6/4	1F88064110071**	8-1/2	6/4	1F880641100D1**
8	2	1200	Roller	9-1/2	6-1/8	14-3/4	4	1F88084110071**	12-1/4	4	1F880841100D1**

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice. (H) High temperature phenolic wheel.

SPECIALTY CASTERS – PNEUMATIC WHEEL

Standard Features

Double row swivel construction with extra large raceways for long service life

Full knematic wheel gives a cushioned ride to protect delicate loads

Provides very quiet operation and superior protection for floors



Small Plates

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"



Large Plates

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"



Plate choices same for both series

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Approximate Weight (lbs)	All Caster Pack Qty	Swivel Caster Part No.	Swivel w/Brake Part No. Total-Lock (6") Strap Brake (8")	Rigid Caster Part No.
PNEUMATIC CASTERS										
Fully Pneumatic Soft Tread Wheel / Steel Hub (Silver hub Gray tread)										
6	2	200	Ball	7-1/2	5-1/2	4-1/2	8	4FN8062540001AR	4FN8062540071AR	4FN3062540001AR
6	2	200	Ball	7-1/2	5-1/2	5	8	4FN806254000190	4FN806254007190	4FN306254000190
8	2.80/2.50-4	300	Ball	10	7	7	4	8FN808254000190	8FN808254005190	8FN308254000190

Standard Features

Ultra light duty applications

Double row swivel construction

1/4" diameter nut and bolt axle

Zinc-plated finish for corrosion resistance and appearance



Wheel Types
Descriptions on pages 8-11



Cushionex Supreme



Poly II Rubber



Spartan Supreme



Durafoam (Dished)



Sintered Metal

Options

Wheel Brake

9F48 Series Only

Side mount pinch type wheel brake available for all swivel models (except Semi Steel)



Plates

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"



Stems

Other stems available upon request.

Size	Stem Type	Stem No.	Size	Stem Type	Stem No.
5/16" x 1-9/16"	Grip Neck	22	3/8-16 x 1-1/4"	Threaded	59
5/16-18 x 3/4"	Threaded	84	3/8-16 x 1-1/2"	Threaded	07
5/16-18 x 1"	Threaded	17	7/16" x 1"	Friction Ring	12
5/16-18 x 1-1/2"	Threaded	08	7/16 x 1-3/8"	Friction Ring	01
5/16-18 x 4.936"	Threaded	80	7/16 x 1-29/32"	Friction Ring	03
3/8" x 1-5/8"	Grip Neck	55	7/16" x 1-9/32"	Round	02
3/8-16 x 1/2"	Threaded	71	1/2-13 x 1"	Threaded	61
3/8-16 x 1"	Threaded	04	1/2-13 x 1-1/2"	Threaded	10

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Plate Pack Qty Small/Large	Swivel Caster Part No.
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PLATE CASTERS

Cushionex Supreme Wheel (Soft rubber All black)								
2	13/16	75	Delrin®	2-5/8	1-7/8	1/2	52	9F48520040001**
2-1/2	13/16	90	Delrin®	3-3/16	2-1/8	1/2	40	9F48570040001**
3	13/16	100	Delrin®	3-11/16	2-1/2	3/4	28	9F48530040001**
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on black polyolefin hub)								
2	13/16	75	Plain	2-5/8	1-7/8	1/2	52	9F4852P260001**
2-1/2	13/16	90	Plain	3-3/16	2-1/8	1/2	40	9F4857P260001**
3	13/16	100	Plain	3-11/16	2-1/2	3/4	28	9F4853P260001**
Spartan Supreme Wheel (Hard rubber All black)								
2	13/16	100	Delrin®	2-5/8	1-7/8	1/2	52	9F48520090001**
2-1/2	13/16	115	Delrin®	3-3/16	2-1/8	1/2	40	9F48570090001**
3	13/16	125	Delrin®	3-11/16	2-1/2	3/4	28	9F48530090001**
Durafoam Wheel (Polyolefin All black)								
2	3/4	100	Plain	2-5/8	1-7/8	1/2	52	9F48521270001**
2-1/2	13/16	115	Plain	3-3/16	2-1/8	1/2	40	9F48571270001**
3	3/4	125	Plain	3-11/16	2-1/2	1/2	28	9F48531270001**
Sintered Metal Wheel (All silver)								
2	15/16	125	Plain	2-5/8	1-7/8	3/4	52	9F48520110001**

STEM CASTERS

Cushionex Supreme Wheel (Soft rubber All black)								
2	13/16	75	Delrin®	2-1/2	1-7/8	1/2	52	9F49520040001**
2-1/2	13/16	90	Delrin®	3-1/16	2-1/8	1/2	40	9F49570040001**
3	13/16	100	Delrin®	3-9/16	2-1/2	3/4	28	9F49530040001**
Poly II Rubber Wheel (Gray thermoplastic Rubber tread on black polyolefin hub)								
2	13/16	75	Plain	2-1/2	1-7/8	1/2	52	9F4952P260001**
2-1/2	13/16	90	Plain	3-1/16	2-1/8	1/2	40	9F4957P260001**
3	13/16	100	Plain	3-9/16	2-1/2	3/4	28	9F4953P260001**
Spartan Supreme Wheel (Hard rubber All black)								
2	13/16	100	Delrin®	2-1/2	1-7/8	1/2	52	9F49520090001**
2-1/2	13/16	115	Delrin®	3-1/16	2-1/8	1/2	40	9F49570090001**
3	13/16	125	Delrin®	3-9/16	2-1/2	3/4	28	9F49530090001**
Durafoam Wheel (Polyolefin All black)								
2	3/4	100	Plain	2-1/2	1-7/8	1/2	52	9F49521270001**
2-1/2	3/4	115	Plain	3-1/16	2-1/8	1/2	40	9F49571270001**
3	3/4	125	Plain	3-9/16	2-1/2	1/2	28	9F49531270001**

LADDER STEM CASTERS

Cushionex Supreme Wheel (Soft rubber All black)								
2	13/16	75	Delrin®	2-1/2	1-11/16	1/2	125	8F4952004000180
3	13/16	100	Delrin®	3-9/16	2-9/16	3/4	100	8F4953004000180
Durafoam Wheel (Polyolefin All black)								
2	3/4	100	Plain	2-1/2	1-7/8	1/2	125	8F4952127000180
3	3/4	125	Plain	3-9/16	2-1/2	1/2	100	8F4953127000180

**NOTE: For your mount choice, replace ** in part number with mount code number shown in mount choice.

Standard Features

Meets or exceeds industry seating standards
(2" and 2-1/2" only)

Furniture and displays

Office equipment



Standard Features

Meets or exceeds industry seating standards

1/4" diameter rivet axle

Chrome-plated finish for corrosion resistance
and appearance



Plates

Overall size: 1-1/4" x 1-5/8"
Hole spacing: 7/8" X 1-1/4"
Hole diameter: 3/16"
Available on 1-5/8" wheel only



Overall size: 1-1/2" x 1-1/2"
Hole spacing: 1" x 1"
Hole diameter: 9/32"



Overall size: 1-3/16" x 2"
Hole spacing: 13/16" x 1-9/16"
Hole diameter: 1/4"



Plates

Overall size: 1-3/16" x2"
Hole spacing: 13/16" X 1-9/16"
Hole diameter: 1/4"
Bolt diameter: #10 screw



Stems

Size	Stem Type	Stem No.
5/16" x 1-9/16"	Grip Neck	A70
5/16-18 x 3/4"	Threaded	M12
5/16-18 x 1"	Threaded	M16
3/8" x 1-5/8"	Grip Neck	B70
3/8" x 1"	Friction Ring	G16
3/8-16 x 3/4"	Threaded	K12

Size	Stem Type	Stem No.
3/8-16 x 1"	Threaded	K16
3/8-16 x 1-1/4"	Threaded	K20
3/8-16 x 1-3/4"	Threaded	K28
7/16" x7/8"	Friction Ring	D14
7/16" x 1-1/4"	Friction Ring	D20
7/16" x 1-3/8"	Friction Ring	D22

Stems

Other stems available
upon request.

Size	Stem Type	Stem No.
5/16" x 1-9/16"	Grip Neck	22
5/16-18 x 3/4"	Threaded	84
5/16-18 x 1"	Threaded	17
3/8-16 x 3/4"	Threaded	24
3/8-16 x 1"	Threaded	04
7/16" x 1"	Friction Ring	12
7/16 x 1-3/8"	Friction Ring	01

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Color	Caster Finish	Wheel Material	Overall Height (inches)	Caster Weight (lbs)	Pack Qty	Caster Type	Caster Part No.
HOODED TWIN WHEEL SWIVEL CASTERS										
1-5/8	1-9/16	40	Black	Black	Nylon	1-15/16	1/4	150	Swivel	TX040ABLX***XX
1-5/8	1-9/16	40	Black	Black	Nylon	2-1/4	1/4	150	Swivel with Brake	TX040ABLX***1XX
2	1-13/16	75	Black	Black	Nylon	2-7/16	1/3	150	Swivel	TX050ABLX***XX
2	1-13/16	75	Black	Black	Nylon	2-5/8	1/3	150	Swivel with Brake	TX050ABLX***1XX
2	1-13/16	75	Black	Black	Urethane	2-7/16	1/3	150	Swivel	TX050QBBX***XX
2	1-13/16	75	Black	Black	Urethane	2-5/8	1/3	150	Swivel with Brake	TX050QBBX***1XX
2-1/2	2	90	Black	Black	Nylon	2-3/4	1/2	100	Swivel	TX060ABLX***XX
2-1/2	2	90	Black	Black	Nylon	2-15/16	1/2	100	Swivel with Brake	TX060ABLX***1XX

***Code number for mounting options

Wheel Diameter (inches)	Tread Width (inches)	Load Capacity (lbs)	Wheel Bearing Type	Overall Height (inches)	Swivel Radius (inches)	Swivel Weight (lbs)	Swivel Plate Pack Qty Small/Large	Swivel Caster Part No.
HOODED BALL CASTERS								
Cushionex Supreme Wheel (Soft rubber All black)								
2	Ball	75	Sintered	2-11/16	1-7/8	1/2	52	9F7852004EC00292
2	Ball	75	Sintered	2-5/8	1-7/8	1/2	52	9F7952004EC02**

Standard Features

Heavy duty steel construction

Spot welded 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



Wheel Styles

4-Wheel



5-Wheel



6-Wheel



Drum Size (gallon)	Dolly Model Number	Dolly Capacity (lbs)	Overall Height (inches)	Inside Dimensions (inches)	Outside Dimensions (inches)	Wheel Size (inches)	Caster Type	Replacement Caster Pack Number
POWDER COATED DRUM DOLLIES								
Four Wheel Drum Dollies								
5	2F000601190E	700	6	11-1/8	11-3/8	2.5 x 1-1/4	Polyolefin	2J000602094
30	2F000249990E	1000	6-1/2	19-1/8	19-1/2	3 x 1-1/4	Polyolefin	2J000247894
55	2F000249890E	1000	6-1/2	23-1/8	23-1/2	3 x 1-1/4	Polyolefin	2J000247894
Five Wheel Drum Dollies								
30	Ball	1250	6-1/2	23-1/8	23-1/2	3 x 1-1/4	Polyolefin	2J000273294
55	Ball	1400	6-1/2	23-1/8	23-1/2	3 x 1	Semi-Steel	2J000270294
Sixth Wheel - Optional								
Drum Size (gallon)		Wheel Size (inches)				Replacement Caster Pack Number		
Polyolefin		3 x 1-1/4				2F9803027000100		
Polyolefin		5 x 2				1F3805027000100		
Semi-Steel		3 X 1-1/4				2F9803011000100		

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